

Tuesday  
October 24, 1972

Iowa City, Iowa  
52240

Still one thin dime

Vol. 105, No. 58



# Mezvinsky has huge lead

## Students also pick Clark, Ray

Copyright, 1972  
Student Publications, Inc.  
University of Iowa students registered to vote in Iowa say they're going to be doing some ticket-splitting in the November elections, a Daily Iowan poll shows.

Democratic U.S. Senatorial candidate Dick Clark of Marion is well ahead of conservative incumbent Jack Miller among registered UI students, while Republican Gov. Robert Ray is presently leading his Democratic opponent, Paul Franzenburg but by a narrower margin.

And among students registered to vote in Johnson County, Democrat Edward Mezvinsky of Iowa City is swamping incumbent U.S. Rep. Fred Schwengel (R-Davenport) in the hotly-contested race for first district congress member.

Clark, on the other hand, is topping Miller among Iowa-registered UI students by a 54-29 per cent margin (17 per cent undecided), almost the identical margin by which the DI survey yesterday showed Democrat George McGovern beating Pres. Richard Nixon among all registered UI students—54-28.

Mezvinsky has a hefty 62-24 per cent lead over Schwengel, among UI students registered here, with 14 per cent remaining undecided.

Republican Ray, however, is leading Franzenburg, a former state treasurer, 47-39 per cent (with 14 per cent undecided) thanks to high Democratic defection rate.

Clark, who'd walked across the state as part of his campaign, led Miller among registered independent students by a 53-29 margin. However, 17 per cent of Clark's own party say they're undecided about

just 11 per cent of the Republican vote to Franzenburg. And Ray currently boasts a 48-35 per cent edge among registered students who said they were independents.

Both Miller and Schwengel, too, are experiencing some troubles with "dropout" party members though numerically not as serious as the Franzenburg defections. More than a fifth of all Republicans said they'd bolt Schwengel and vote for Mezvinsky, while Miller's GOP loss to Clark stood at 17 per cent.

And the survey was taken before Democratic U.S. Sen. Harold Hughes appeared here last week at a Pentacrest rally for Mezvinsky and calling for increased party loyalty. According to IORB, it must be taken into account that the poll has a 5 per cent accuracy range 95 per cent of the time. This should be taken into account when interpreting the figures.

(Tomorrow: Johnson County Sheriff)

U.S. SENATOR FROM IOWA			
	Overall	Democrat	Republican Independent
Dick Clark	54	72	17
Jack Miller	29	11	70
Undecided	17	17	13

Iowa Governor			
	Overall	Democrat	Republican Independent
Robert Ray	47	32	78
Paul Franzenburg	39	58	11
Undecided	14	10	11

Congress (Students registered in Johnson County only.)			
	Overall	Democrat	Republican Independent
Edward Mezvinsky	62	79	21
Fred Schwengel	24	12	67
Undecided	14	9	11

## Honohan role criticized

# Bartel defends taped calls

By ROGER LINEHAN  
Associate News Editor  
"I expect people to deal with me in truth without changing their stories for devious reasons," said Richard Bartel in explaining the use of tape recordings of telephone calls he made available to Iowa City media in a Sunday press conference.

Bartel, Democratic candidate for Johnson County supervisor, after asking that the press session be kept off of the record, played tape recordings of two conversations held last week with his Republican opponent, P.C. Walters, and one call to a former Walters campaign worker. The original tapes are now in the possession of The Daily Iowan.

The recordings, according to Bartel, were to back up his charges that Iowa City Atty. Jay H. Honohan is masterminding Walters' campaign and has a hand in the other Republican campaigns.

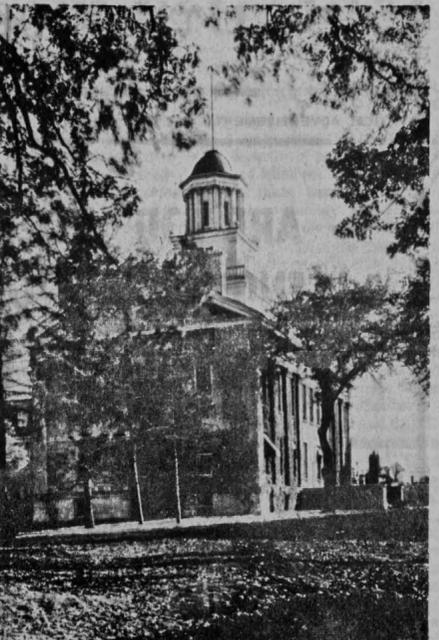
"I have sole jurisdiction over my own conversations," Bartel said, "especially when investigating 'White-Collar Crime' as I have in the past."

He emphasized Monday night that the recordings are for "my own protection" and added, "The many actions I have taken and statements I have made to clean up county government are thusly protected in the event of court action."

After checking for an independent legal opinion on the legality of tape recording telephone calls, the DI found that Bartel is apparently not in violation with the federal "wiretapping" legislation.

"In dealing with political scoundrels such as Honohan," Bartel related, "I have strong but legal measures. I have been instructed by the attorney general's office on my rights and those of others concerning the recording of my own conversations and the admissibility of these recordings of my conversations in court."

Bartel indicated that he has an attorney general's opinion and a county attorney's opinion in his possession which clearly defines his rights.



**Old Cap Week**

Did you know that the first stone cut for Old Capitol (above) was taken from the area where the University President's home now stands on North Clinton St.?

The rest of the stones used in the construction of Old Cap were cut from a limestone quarry ten miles up Iowa River, floated down the river on rafts, then hauled by oxen to the building. Stonemasons constructed most of the building by hand.

The foundation walls of the building are six feet thick; the basement walls are four feet thick. Measurements of the building are 120 feet north and south and 60 feet east and west.

To find out how drunken pigs sparked the first riot in Iowa City, how The Pentacrest was named, how the question of which is the front door of Old Cap caused the Great Debate of 1934, turn to page 6 and 7.

Instead he will be a contender for vice president and will back Chesney for the presidency.

Although Stone was unavailable for comment Monday, Chesney said the decision on which office to seek was based on a mutual consideration of time, commitments and "what each of us had to offer."

"We're supporting each other," Chesney said. "It's a kind of strange thing—not so much for me to be elected

president. We just want to see responsible people in there. We need people who are involved and care about the student senate and the student body."

Held added, "We feel that this can best be served by our running openly with honest campaigning, and if elected serve as executive as best we can."

"We do not feel we would be taking over the executive just to hold it until the spring elections or that nothing will be accomplished."

Gates and Held listed some of their concerns as combatting university apathy, passing a new senate constitution and restructuring the university and senate committee systems.

Under a precedent established in 1969 when former student body president Jim Sutton resigned and the senate nominated Phil Dantes to fill his place, the student senate will elect the new student body president and vice-president.

All-university elections will not be held because of time and economic limitations, according to senate spokespersons.

Hugh Stone, A3, and Harriet Chesney, A2, appear to be prime runners for the position.

Stone, who found himself in the position of temporary student body president after the Cooperative's resignation last week, will not run for president.

That much going—no funding, just legislation and meetings."

Under a precedent established in 1969 when former student body president Jim Sutton resigned and the senate nominated Phil Dantes to fill his place, the student senate will elect the new student body president and vice-president.

All-university elections will not be held because of time and economic limitations, according to senate spokespersons.

Hugh Stone, A3, and Harriet Chesney, A2, appear to be prime runners for the position.

Stone, who found himself in the position of temporary student body president after the Cooperative's resignation last week, will not run for president.

That much going—no funding, just legislation and meetings."

## in the news

# briefly

## Viet peace

MOSCOW (AP) — The Soviet Union gave its public Monday reason to believe that a settlement in Vietnam may be imminent.

## Ramp trial

A Johnson County District Court trial begins at 9 a.m. today in a lawsuit designed to prevent construction of a proposed parking ramp in downtown Iowa City.

## Nader here

Consumer advocate Ralph Nader will present a lecture on "Environmental Hazards: Man-Made and Man-Remedied" at the Union Main Lounge on November 1 at 8 p.m.

## LASA advisor

The Liberal Arts Student Association (LASA) decided Monday night to accept a university advisor "only if he exercises no control over policies and budget."

## Showers?

The ghost of Boss Tweed wafted its way into the DI newsroom adding the smell of stale cigars and Tammany Hall to its usual rancid odor.

**4** days left to register to vote for Nov. 7 elections. Don't lose your vote!  
You can register to vote here. There is no residency requirement.

## postscripts

### Herd books

University of Iowa Herd books are now available for purchase in the Union, Schaeffer Hall and MacBride Hall.

The book, listing all students, faculty and department phone numbers, sells for \$7.75 and proceeds go to free student legal aid.

According to salesperson, Sarah Lawrence Sommers, A3, 4,000 of the 9,000 copies have been sold so far.

University departments must order their books by Friday or wait until after student sales and take what's left, according to Sommers.

### Candidate

David Strader, Republican candidate for the Iowa Legislature from the 73rd district representing the west side of Iowa City, will appear at the Purdue Room at the Union tonight at 6:30 p.m.

### Registration

A voter registration table, sponsored by the University of Iowa Student Senate Legislative Action Committee, will be in the Gold Feather Lobby of the Union this week.

Students may register any day from 10 a.m. to 3 p.m.

Registration for the November elections ends Saturday.

### GRAD II

GRAD II forms filled out by University of Iowa students first semester, are now available in the Career Counseling and Placement Office in the Union.

GRAD II, the computerized placement aid, was distributed at first semester registration. Those students who submitted the forms can now pick them up.

There will also be a second semester run of GRAD II.

### Appointed

Appointment of Charles W. Caldwell as coordinator of the Iowa Regional Medical Program has been announced by Dr. John W. Eckstein, dean of the University of Iowa College of Medicine.

Caldwell had been serving as acting coordinator since Dr. H.B. Weinberg resigned as the IRMP's chief administrator last January 15. The new coordinator has been on the Program staff for more than five years. He became director of field services in September 1967, less than nine months after the program came into being.

A federally funded program that is governed by an advisory group of 40 members, the IRMP concerns itself with projects and activities aimed at making quality health care more accessible to all Iowans.

### Council agenda

The Iowa City Council will announce the names of nine persons chosen to serve on the city's home rule charter-writing committee at this afternoon's formal council meeting.

The nine were selected during a special council meeting Monday, City Clerk Abbie Stolfus said.

Much of the meeting will be spent on urban renewal matters, including awarding a contract for modular building units which will be used in a business relocation mall on Clinton Street.

## Schwengel scores 56, Miller 30

# NSL rates voting records

Special to the Daily Iowan  
WASHINGTON—U.S. Sen. Harold Hughes (D-Iowa) has received a 100 per cent voting record from the National Student Lobby, while U.S. Sen. Jack Miller (R-Iowa) could muster only a 30 per cent record from the student interest group.

In the House of Representatives, Rep. Fred Schwengel (R-Davenport) stood between Hughes and Miller with a 56 per cent rating, determined by the NSL on 10 crucial Senate and ten House votes.

NSL, a permanent, registered lobby, released the voting record profiles "to help students make up their own minds" on who to support in the upcoming November 7 elections.

Schwengel, facing a re-election challenge from Iowa City attorney Edward Mezvinsky

and American Independent candidate Lee Foster of Bettendorf, was rated as voting "right" on five of nine issues. He was absent on the tenth, an amendment to end funding to the war.

According to the NSL, Schwengel held correct positions on 18-year-old vote, an amendment to extend the draft for only one year (for), and amendment for national "basic grants" to higher education (for), a defense spending ceiling (for) and S.S.T. funding deletion (for).

But the NSL said Schwengel was wrong on a 191-188 vote that defeated a move to add \$700 million for higher education programs, an amendment which deleted a political internship program (for), an amendment to exempt undergraduate admissions policies from the ban on sex discrimination (for)

and an amendment to delete language permitting employment of youths at sub-minimum wages (Schwengel against) in the recent minimum wage increase legislation.

Miller's voting profile showed him favorable on only three votes: the women's Equal Rights Amendment (for), the Harris resolution calling for student representation on state university governing boards (for) and an amendment to cut back on state university governing boards (for) and an amendment to cut back S.S.T. funding (for).

However, Miller's Democratic opponent, Dick Clark of Marion, has charged that Miller voted "for every crippling amendment" to the Equal Rights Amendment.

Miller was judged

wrong—and Hughes right—on seven other votes on the 18-year-old vote, the end-the-war amendments, the Amchitka blast, draft, end-the-bombing measure, federal voter registration act and a vote opposing a pro-administration Vietnam measure.

Besides Schwengel, Iowa's other House members varied from Democrat John Culver's 88 per cent rating to Republican William Scherle at 10 per cent. Democrat Rep. Neal Smith had a 67, and Republican Rep. H.R. Gross scored a 30. U.S. Reps. John Kyl rated 22 and Wiley Mayne 20, both are Republicans.

Illinois U.S. Sen. Charles Percy was judged right 80 per cent by the NSL, and Sen. Adlai Stevenson (D-Ill.) scored an 88. Percy's November opponent, U.S. Rep. Roman Pucinski (D-Ill.) got a 90 profile.

NSL was founded in 1971 after what a spokesperson termed "frustration with short term lobbying" such as earlier peace efforts.

## Women snub AAC; call it discriminatory

University policy governing student and minority representation on the newly formed Affirmative Action Committee (AAC) has been termed "ridiculous" and "discriminatory" by Clara Oleson, a member of the University Association of Women (AUW).

Affirmative Action Committees originate from the Department of Labor's Revised Order IV, a federal guideline concerning sex discrimination in government contracting or sub-contracting organizations having 50 or more employees. Complaints are investigated by HEW.

According to Cecilia Foxley, AAC Director, "HEW doesn't require an AAC, but leaves the decision to each individual institution."

The only HEW requirement is that Revised Order IV serve as a guide for AAC.

Oleson said the AUW's reaction to the University's program was unenthusiastic.

"The AUW thought women should be given the chance to initiate the action and volunteer their services. It's ridiculous for

elements of this male-oriented university community to be put on the reform committee," Oleson said.

"The University Administration discussed composition of the task force," Foxley said, "and tried to establish as much representation for all components of the university community as possible."

The structure that the Central Administration decided upon has three faculty members appointed by Faculty Council and three staff members appointed by Staff Council.

Three student representatives are appointed, two by the Graduate Student Senate, and one by representatives of the law, dentistry, and medical schools. The Director of AAC participates as an ex-officio member.

Since the undergraduate Student Senate does not make appointments to UI committees, and because AAC is primarily an employment organization, Foxley contends, undergraduates do not need direct representation on it.

Oleson said there is a need for undergraduate representation. "Revised Order IV, deals with

apprenticeship programs. Undergraduates at the University do fall into this classification."

Oleson's criticisms of the current AAC program involved several other points.

"Who's going to pay for this task force? You need to educate 15 people to do the job and do it well. You need money to release employed time. The appointed employees should be given one-fourth of their paid time to work on it."

"We need people with awareness of the university power structure. In the past, universities have not included women and minorities, and have been rewarded. Now they're going to be punished, and this task force is their reaction."

POLITICAL ADVERTISEMENT

**E. J. (Jack) WOMBACHER**  
FOR CLERK OF DISTRICT COURT

"I am trying to bribe you with uncertainty, with danger, with defeat."

That's mostly what you'll find if you commit your life to the millions in the Third World who cry out in the hunger of their hearts. That...and fulfillment too...with the

### COLUMBAN FATHERS

Over 1,000 Catholic missionary priests at work mainly in the developing nations. We've been called by many names — "foreign dogs" ... "hope-makers" ... "capitalist criminals" ... "hard-nosed realists" ...

Read the whole story in our new

**FREE 16-PAGE BOOKLET**



Columban Fathers  
St. Columbans, Neb. 68056

Please send me a copy of your booklet. No strings.

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_  
State \_\_\_\_\_ Zip \_\_\_\_\_  
College \_\_\_\_\_ Class \_\_\_\_\_

## Illini Rep here for Schwengel

Congressman Tom Railsback (R-Illinois) campaigned in Iowa City and Grinnell Monday on behalf of Iowa first district Republican Fred Schwengel. Railsback, whose Illinois district includes Rock Island and Moline, cited his "neighborly friendship" with Schwengel as the reason for his appearances.

The three-term Illini representative enjoys a luxury few politicians even dream of—he is running unopposed this year. Railsback said he has some strong labor support and that his opponent dropped out of the race.

The Grinnell College graduate said he is campaigning for Schwengel so they might maintain their relationship which benefits people on both sides of the Mississippi River. He mentioned a bi-state air pollution control agency which they both advocate and a Metropolitan Enforcement Group which would be aimed at curbing narcotics traffic.

At a press conference here prior to a speech at the College of Law, Railsback said he "doesn't foresee any final solution to the Vietnam involvement before the election except possibly a cease-fire before Nov. 7."

"I am continually amazed at McGovern and Shriver talking about the negotiations going on now as being politically motivated," Railsback said. "I would think they would be praying fervently with all of the rest of us that something good comes from this."

Railsback said the Republicans stand a good chance to gain some seats in the next Congress but sees no reason to believe the GOP will gain control of the House of Representatives.

"We have an outside chance to take control of the Senate," he said.

**EPSTEIN'S HOMECOMING SPECIAL**  
**4 DAYS ONLY**  
Wednesday thru Saturday  
**EVERY BOOK IN BOTH OUR STORES**  
**10% OFF**  
125 So. Dubuque  
109 So. Clinton

POLITICAL ADVERTISEMENT POLITICAL ADVERTISEMENT POLITICAL ADVERTISEMENT

**ARE YOU INDEPENDENT ENOUGH TO VOTE FOR FRED SCHWENGEL FOR CONGRESS**

**Look at the Record**

- Fred Schwengel helped write and helped pass the toughest water pollution bill ever to be adopted by the Congress.
- Schwengel voted for the Conference Report on S. 2770, the Water Pollution Control Act of 1972, October 4, 1972. The report was co-authored and supported by Senator Ed Muskie of Maine.
- Schwengel co-sponsored and is supporting the bill to regulate strip-mining, H.R. 6842.
- Schwengel voted against the SST, March 18, 1971
- Schwengel introduced a bill to prevent the development of the Trans-Alaskan Pipeline until public hearings were held on the environmental impact statement, H.R. 990.
- Schwengel voted for the Noise Pollution Control Act of 1972.

**DON'T BE MISLED**

Fred Schwengel has a strong, positive record on environmental issues. Others are trying to distort it—but Schwengel's stands are public record, and it's a good record.

**SCHWENGEL IS INDEPENDENT ENOUGH TO REPRESENT YOU**

Paid political advertisement by the Students for Schwengel Schwengel for Congress Committee

**Homecoming Oct. 28**  
FLUFFY GOLD IOWA  
**Mums**  
Be one of the Happy Ones — order your Homecoming Mum Corsage today. Eichers will deliver your order Friday in time for the big game Saturday.  
Don't forget hostess flowers for the table!

**Eichers florist**  
14 S. Dubuque 410 Kirkwood Ave.

**IOWA**

# Research alternatives faced

## Prisoner volunteer dearth in human-use experiments

This is the second of two articles by staff writer Tom Reinken concerned with the lack of prisoners for University of Iowa human-use experiments. This article deals with the possible mass media effect on attitudes toward such experiments and the alternatives to prisoner use.

The drop in available (minimum security) inmates at the state penitentiary at Fort Madison and mens' reformatory at Anamosa has caused a corresponding lack of available subjects for human-use experiments at the UI Hospitals.

Warden Charles H. Haugh of Anamosa claims prisoner use in state conservation projects has also dropped because of the lack of available inmates.

The relationship of the Clinical Research Center and state institutions has been a fruitful one from the point of research. For eight years the CRC has housed approximately seven inmates. To work this out required a state legislative act according to Conner. Presently there are two inmates in the research center.

The CRC is maintained by the hospital administration, but does have a separate staff

because it's primary goals (research) are different.

With a current budget of \$4-500,000, the CRC represents a large investment in funds.

Conner does not feel, however, the current shortage presents a critical situation. "I don't think it threatens to close it (the CRC)," he said. "But it's going to take a while to find other sources."

The question of other sources of normal subjects for the experiments raises a number of possibilities for the CRC and doctors engaged in research. Volunteers from the Veteran's Hospital, conscientious objectors performing alternate service, and the most mercenary group, students, are all possible substitutions for the prisoners.

"We haven't brought V.A. (volunteers) in yet," said Den-Besten. "We've thought about encouraging students, but time limitations are the problem."

Conner mentioned the matter of C.O.'s serving, and noted they have provided similar service during World War II.

Greenwald and Conner also singled out the time element as one of the important reasons for having prisoners available.

"The most important problem is where you can get people available to you," said

Greenwald. "Students have classes; it's very hard to find a dependable, volunteer subject."

"The matter of time is important," Conner explained. "They (prisoners) have time to spend on projects. We can control their diet (many of the experiments are nutritional in nature). It's hard for people to give up their freedom to stay with us. Patients are willing to come in, so this is less a problem. But we need to do studies in health as well as diseases. That's why we need normal volunteers."

Conner is anything but totally averse to the decision to parole prisoners earlier, thus cutting off the pool of available subjects.

**Criticism**  
"We think one of our justifications is the environment here is better than in prison. I can't really be against this decision," he said. "If we had a completely open society they'd never be available. We were perhaps helping the men and ourselves, but this system is a relic. It's a slave system. We should have to bid with other activities on the open market. Medical research, if its worthwhile, can bid satisfactorily."

Recently, several movies

including "The Hospital" and "Where Does It Hurt?" along with the revelation of the Tuskegee Study in which at least 28 black men were allowed to die of untreated syphilis have combined to gut medicine in general and medical research in a different, critical light.

Conner does not feel the movies necessarily are injurious to the reputation of the medical profession, but singled out the Tuskegee study for particular criticism.

"It's salutary and healthy to poke fun of revered institutions. Doctors and hospitals shouldn't be singled out from this criticism," he said.

"But the experiments that took place in Alabama are horrible. There's no justification for this course of events having taken place. It contributes to the suspicion of the medical profession, it's like the Nazi experiments. It shows you what one human being can do to another."

Greenwald feels hospitals have become depersonalized, but feels patient care is still the first concern of the doctor.

"I saw both movies and thought to myself the American public, to an extent, sees the doctor as a gaffer, as a guy who's going to scalp them. And as a bungler hiding behind technological achievement," he explained.

"A hospital gives you the impression, when you go to one, it's very organized. A picture like "The Hospital" shows incredible bungling going on. Maybe people are afraid they may get shuffled wrongly because hospitals have become so depersonalized."

**Confidence**  
Haugh expressed unqualified confidence in the UI doctors and facilities from the point of subject care-ethics. "The reliability of the University Hospitals is unassailable as far as I'm concerned," said Haugh.

Research is governed by the principles of the Nuremberg Code and the Articles of the Nuremberg Tribunal, both stemming from the Nuremberg trials after world war II.

The Declaration of Helsinki, a document adopted by the World Medical Association at the World Medical Assembly held in that city in June, 1964, is also considered a governing factor in research at the CRC.

All three documents stress the care of the subjects and gleaning of useful information from medical experiments.

Presently the medical research program is left with several alternatives with respect to the use of prisoners in studies.

It has been suggested that the

CRC be used as a half-way house where prisoners could stay and be available for studies over a period of time. Another suggestion involves the use of work-release programs at the CRC.

**Lifers**  
Still another alternative would involve the use of life-term inmates either in the institutions at the CRC, depending on their security status. Involved in this is the establishment of a research station in either the penitentiary or reformatory, but the question of staff and funding would involve considerable problems.

Despite the problems, Conner is not particularly pessimistic in his diagnosis of the problem.

"We've had troubles for a month, through the month of September," he said. "But I don't have any real doubts we'll work it out."

**Confidence**  
Haugh expressed unqualified confidence in the UI doctors and facilities from the point of subject care-ethics. "The reliability of the University Hospitals is unassailable as far as I'm concerned," said Haugh.

Research is governed by the principles of the Nuremberg Code and the Articles of the Nuremberg Tribunal, both stemming from the Nuremberg trials after world war II.

The Declaration of Helsinki, a document adopted by the World Medical Association at the World Medical Assembly held in that city in June, 1964, is also considered a governing factor in research at the CRC.

All three documents stress the care of the subjects and gleaning of useful information from medical experiments.

Presently the medical research program is left with several alternatives with respect to the use of prisoners in studies.

It has been suggested that the

# No core science? professors veto idea

By JEAN BOTT  
Staff Writer

Two University of Iowa life science instructors supported continuation of the core programs, despite proposals to drop undergraduate core requirements at a meeting of the Educational Policy Committee Monday afternoon.

Richard Bovbjerg of the zoology department and Robert Cruden of botany, instructors of science cores "Human Biology" and "Environment and the Ecology," talked to the all male committee on various aspects of the core science program.

"We are all biological things, living in a biological world," said Cruden, "and it is crucial that we know something about that world."

Both Bovbjerg and Cruden emphasized the virtues in designing a science core for the student population. The science instructors stated that they were firm believers in a broad background in a Liberal Arts education.

The committee is considering

four alternative proposals on the future of core courses. The initial proposal is that the core program continue as it is. Another proposal is that core courses be abolished completely for undergraduates.

A third is that all core courses be placed under departmental jurisdiction. Presently all L.A. students are under the jurisdiction of the L.A. college.

The last alternative is that core courses as they now stand be abandoned and a distribution requirement be substituted. Under this proposal all L.A. students will be required to take a certain number of courses in predetermined areas.

Cruden criticized other core departments for not setting rigorous requirements for undergraduates. More college level material should be offered and college level work should be demanded, Cruden said.

This past year the life science core has been changed to two single semesters.

Bovbjerg said that this change was made because the life science department was

becoming stale and many students felt trapped in a year long program.

Last year the life science department polled the students and found out that the majority of them were interested in human biology and environment. On the basis of this poll the core course was reorganized to fit the interests of the students.

Bovbjerg said the new program is a success for there have been fewer drop-outs than previously. Morale of the students is higher this year and attendance is also much higher even though it is still optional.

Both instructors said they do not like to offer life science as a pass-fail course because there is a general passive feeling among students who are taking the course P-F.

In discussing alternatives to the present core program, Bovbjerg said that he would like to see a modular approach to the science program.

It would be ideal to have a variety of two hour courses of intensive study on the freshmen level, said Bovbjerg. The requirement would then be four, two hour courses, as opposed to the two, four hour course programs that now exist.

\*\*\*\*\*

**MERLE NORMAN COSMETICS**

"TRY BEFORE YOU BUY"

Learn how to enhance your individual beauty without looking "made up."

**FREE LESSONS**

PHONE 338-6606 MALL Shopping Center

\*\*\*\*\*

POLITICAL ADVERTISEMENT

Yarn & Needlecraft  
**Cocking's**  
Midwest's Finest One-Stop Knit Shop  
Yarn—Crewel  
Needlepoint—Rugs  
Knitting—Machines—Sewing  
1229 1st Ave. S.E. CEDAR RAPIDS, IA.

\*\*\*\*\*  
Epsteins Proudly Present...  
\*\*\*\*\*

The Award Winning Author of  
**"A Fan's Notes"**  
**FREDERICK EXLEY**

Thursday  
Nite  
Oct. 26  
8:00 pm



FREE at Epsteins on Clinton

\*\*\*\*\*  
POLITICAL ADVERTISEMENT POLITICAL ADVERTISEMENT POLITICAL ADVERTISEMENT  
\*\*\*\*\*



**Gary Hughes for Sheriff**

**KIDWELL**

was reported in the Daily Iowan last July as saying that he didn't know which had the highest priority, people or property, but he would have an answer in April.

**HUGHES**

says: "There is NO question that life has priority over property."



Meet Gary on campus Thurs., Oct. 26

Paid for by Students for Gary Hughes for Sheriff, Tom Eilers, chairperson

**GRAND-OPENING & "Church Month"**  
Oct. 17—Nov. 17 at  
GIFTS  
*The Coral Gift Box*  
"Specializing in Religious gifts, jewelry, and books."  
804 20th Ave. Coralville  
10-3 p.m. Tues.-Fri. Evenings & Saturdays by Appointment

**STILL ONLY \$4.95!**  
**PASSPORT & APPLICATION PHOTOS**  
Two people at the same time — \$8.95  
50 per cent extra on 2-day rush orders  
**Call 338-6969**  
**PEGASUS INC**  
"the photography people"  
191/2 S. Dubuque

**Ralph Prybil's progressive accomplishments during his past four years on the Johnson County Board of Supervisors speak for themselves:**

- The establishment of Kent Park and the support of its expansion.
- The development of the Alcoholic Treatment Center and the Mental Health Center.
- The implementation of a qualified 24 hour Emergency Ambulance Service.
- The upgrading and maintenance of the County Home facility, which is one of the finest in the state.
- Working in close contact with the Regional Planning Commission.

**Continue this effective participation and involvement within our county government.**

**VOTE RALPH PRYBIL**  
**INDEPENDENT CANDIDATE FOR JOHNSON COUNTY SUPERVISOR, 1973 TERM. NOVEMBER 7**

**Fabs Fabrics**  
"Where fashions begin and savings never ends."  
A DESIGNER COLLECTION OF  
100% POLYESTER  
**DOUBLE KNITS**  
IN 60" JACQUARD SOLIDS  
**266 YD** ALL ON BOLTS!  
VALUES TO 5.98 YARD  
POLYESTER / COTTON  
**NIFTY KNITS**  
Nifty knits in a care-free blend of polyester and cotton in 1 to 10 yard lengths.  
54" WIDE  
VALUES TO 1.99  
**99c**

**ARNEL JERSEY KNIT PRINTS** 99c Yd  
Try acetate knits in a fantasy of holiday colors.  
45" WIDE Reg. 1.99

**POLYESTER CREPE** 2.49  
A coordinated selection of fashion solids.  
45" WIDE Reg. 2.99

**BOLT ENDS 50% off marked price**

**ORLON ACRYLIC MATTE JERSEY** 1.69  
Gentle prints in soft muted tones.  
45" WIDE Reg. 2.49

ON SALE THRU OCT. 29TH  
**FABS FABRICS**

WEEKDAYS 10-9 TOWN & COUNTRY SHOPPING CENTER 1st Ave. and 38th St. Cedar Rapids  
SATURDAYS 10-4 1029 S. Riverside Dr. Iowa City  
SUNDAYS 12-4 3140 16 Ave. S.W. Cedar Rapids

**NOTICE**  
**UNIVERSITY OF IOWA EMPLOYEES UNION LOCAL 12**  
at the next regular meeting  
**NOVEMBER 9, 1972**  
Nomination Committee will be appointed  
The Office of Trustee will be filled at the December 14, 1972 meeting.  
Plan to be there and have your voice heard

# Sheriff's race: Schneider running?

Somebody ought to remind Maynard E. Schneider that he lost the August 1 primary for the Democratic candidacy for Johnson County sheriff and is therefore no longer a candidate for the office.

At times, he seems to have a tendency to forget that his reign over the county's law enforcement has now moved into the "lame duck" stage.

There are three candidates now, Tim Kane of the Progressive Party, Gary Hughes of the Republicans and Bill Kidwell of Maynard's own Democratic Party, not four.

Of course, one would expect Maynard to endorse and support Kidwell to gain the post as Maynard's successor. Usually, after a primary, the loser will put aside petty jealousies and bitches to support the candidate of the party.

But, Maynard is following the national trend of politicians who turn on their party and go with the opposition: i.e., Democrats for Nixon's John Connally and Philadelphia mayor Frank Rizzo.

Incidentally, the object of this piece is not to endorse any candidate, but to point out some questionable "political" tactics. Maynard's conduct at the open "candidates' nights" sponsored by concerned citizen's groups, has frequently consisted of wisecracks, snide remarks, and temper flares.

I am most familiar with the League of Women Voters' evening at Southeast Junior High last Thursday, but I understand that it was typical of recent encounters between "Maynard's troops" and the "opposition."

Perhaps accusing Maynard of "crowd-packing" would be too harsh an accusation, but last Thursday, Maynard was sitting with Tom Eilers, Hughes' student coordinator, chief deputy Doug Edmonds and Mrs. Schneider. Sprinkled through the crowd were others of Maynard's entourage including the jail's cook.

It was quite obvious that the prime intent of these people was to entrap, attack, and embarrass Kidwell and Kane, through loaded questions and badgering.

In fact, Edmonds was chastised by chairwoman Marlene Perrin for a long "question" which sounded more like a prepared political statement. It appeared to many of those present that Edmonds' presentation was part of a planned maneuver.

The position of sheriff in Johnson County is a very important one to the university community, as well as the local and rural segments of the population.

The people of Johnson County have a right to hear any political candidate openly and honestly discuss the real issues of the election without petty hostilities and badgering from poor losers.

Hopefully, the people of Johnson County are sophisticated enough to see these childish tactics for what they are and condemn those people who would practice this lack of ethics.

—Roger Linehan  
Associate News Editor

## mail

The Daily Iowan welcomes your signed letters and opinions. However, you must type and double-space your contribution, and, in interests of space, we request that letters be no longer than 250 words.



## 'Senior citizen'

To the Editor:

For the past half-decade or so, a few of us "senior citizens" have stuck by the students in their fight against the war, racism and the conformist demands of the system. We defended you against all comers—regents and legislators and law enforcers and assorted hard heads and red necks—and even on occasion your own parents. We marched with you at least in spirit (and some of us in fact).

Perhaps we were foolish and overly sentimental, and sometimes we felt our intrusion wasn't particularly welcome. But you had actually stabbed our consciences and we saw in you, even in your excesses, people more brave and more caring and even wise than we had been.

Now, I keep hearing that you don't care anymore. The draft is off your backs. McGovern has failed to measure up to your exquisite standards of perfection. Having found you couldn't whip 'em, you've decided to join 'em.

I don't want to believe it. Having spent most of my life as a Democrat in Kansas, I'm used to losing elections. What really hurts is the prospect of losing my illusions.

I can't believe you will affirm, by your vote or your absence, these four additional years of war by the man who was elected to end the war; that you have forgotten Kent State, and Cambodia. I can't believe you will reward with re-election a President who promises vengeance rather than amnesty

for those of you who, with the encouragement of many of you, put their bodies where our mouths were in resistance to slaughter. I can't believe you accept political espionage as a way of political life, or that you actually want more Haynesworths and Carswells and grain deals and favors for ITT and Dr. Strangeloves in the military.

I'll just have to wait and see. There's no half-way about it. Either you endorse the corrupt, coniving, arrogant America they are creating, thus making worse and making it permanent; or you repudiate it. The repudiation needs to be complete and unequivocal sweeping out of office, not only Nixon, but those like General Jack Miller and Fred Schwengel who pander to and praise him.

The answer about you will be there on the tally sheet. In the size of the vote in Johnson County for McGovern, Clark and Mezvinsky.

John McCormally  
editor and publisher,  
the Hawk-Eye  
Burlington, Iowa 52601

## Love Letters

Warren Beatty  
Hollywood

Dear Clyde,

Could you get us a big name entertainer enterer duh... a big name entertainer.

Undecided.

Eddie Hazell

# viewpoint



'NOW, SOME OF YOU MAY GET THE IDEA THAT I LIKE POLLUTION . . .'

## Tricky Dick at work

# Perot money to Dick, people's money to Perot

WASHINGTON—H. Ross Perot, the likable, loquacious Texas millionaire who has bankrolled many of President Nixon's favorite projects, has been given a fortune in Medicare contract payments over the strenuous objections of Social Security experts.

In one case, the Nixon Administration overruled Social Security, which handles medicare, at the very time in 1969 when Perot was cranking up to back President Nixon's Vietnam policy with national newspaper ads.

Only a few months before, Perot had agreed to serve with other well-known moneybags as a trustee on the Richard Nixon Foundation which will fund a library and museum for the Nixon papers.

any direct tie with Perot's pro-Nixon gestures, do clearly establish that Perot got special treatment from the administration.

When Nixon came to office in January, 1969, Perot was under fire for what one Social Security expert estimated was more than 100 per cent

the deal. James McLane, now deputy director of the Cost of Living Council, also affirms that he made the recommendation and Veneman approved it. Veneman disputes this.

In any case, even as Perot was getting his way on Texas, he was looking to new contract payments in Indiana, Iowa, Massachusetts, New York and Minnesota.

## Strange coincidences

Again, there was strong opposition within Social Security.

But a freeze of 15 months on the New York contract thawed suddenly on March 23, 1971—six days after Perot salvaged the Wall Street firm for the administration. The other four contracts also were quickly approved by Social Security.

Perot, in two long, impassioned talks with my associate Les Whitten, insisted that the contracts had nothing to do with his bailout of duPont Glore, his Vietnam ads, or other pro-Nixon actions.

On the contrary, he said, in Milwaukee, California and Washington, D.C., he was treated unfairly on contracts. Where he succeeded, he said earnestly, it was because Electronic Data Systems did a better job at a cheaper rate.

"I have done no favors for President Nixon," said Perot. "The things that I have done regarding the prisoners of war and regarding the investment in Wall Street were done without regard to who was president. I would have done the same thing as a matter of coincidence had Senator Humphrey been president."

Footnote: Representative L. H. Fountain, D-N.C., has been digging into Perot's contracts for Medicare computer work. His Intergovernmental Relations Subcommittee is quietly drawing up a report for release in 1973.

(Copyright, 1972, by United Feature Syndicate, Inc.)

by jack  
anderson



## Perot's payoffs

Earlier, Perot had personally paid the salaries of six employees of his Electronic Data Systems while they were on leave of absence to work on the 1968 Nixon presidential campaign.

Again, in 1971, Perot's good works for Nixon coincided with administration approval of Perot's Medicare contracts. This time, contract approval in five states had been held up by Social Security for more than a year. Some experts at Social Security doubted they should be allowed to go through at all.

But the log jam broke within a week after Perot decided to pour \$64 million into a failing Wall Street firm at the personal request of then-Attorney General John Mitchell, White House aide Peter Flanigan and other high administration persuaders.

The White House wanted to save investors from disaster but the failure of the Wall Street firm, duPont Glore Forgan, also would have been personally embarrassing to President Nixon. One of the merged firms making up duPont Glore was formerly headed by Maurice Stans, Nixon's commerce secretary and now his chief campaign fund raiser.

## Perot's progress

Hundreds of pages of public records in the two cases, while they do not show

profits on his Texas contracts. Perot says it was only 14 per cent.

After careful study, Social Security finally said in June that it wasn't going to fully reimburse Texas Blue Shield on the Perot contract demands. Blue Shield took the case directly to Health, Education and Welfare Undersecretary John Veneman's office.

Perot met personally with Veneman. Although neither is sure exactly when it was, Perot told us twice that there was no talk of contracts. Veneman recalls contracts were discussed during their private meeting.

The undersecretary, through a spokesman, said these were not Texas contracts, but a proposed California contract that was turned down. Whatever the truth, Veneman's office took over leadership of the Texas case from Social Security.

In October 1969, four months after Social Security had turned down Perot, Veneman made the ultimate decision to give Perot the payments he wanted.

This is the testimony of Social Security Health Insurance chief Thomas Tierney. Tierney also told a top aide, Dr. Thomas Bell, that "the HEW decision is to go with Ross Perot."

Veneman's own hand-picked aide on



Nixon addressing \$1000 a plate luncheon at San Francisco's Sheraton Palace Hotel. Whitney-PNS-LNS

# I'm all right, Jack

Editors note: Soap Box Sound-Off today was written by Hilde Abel, novelist and short story writer who is in Iowa City with her husband, documentary film writer David Davidson during the month of October.

Are we really all right, Jack? Or do we live in a climate whose moral ecology is polluted by the winds and gases of corruption?

Two hundred million of us, Jack. Are we really a nation, dedicated to the meaning with which we began two centuries ago, and which we are about to celebrate? Or are we only a conglomeration of two hundred million Jacks, each dedicated to his own private bill of rights—the fast buck, get it while you can, look after Number One?

Following the revelations of the Harding administration scandals, we proceeded to elect, in 1924, his vice-president, Calvin Coolidge. Was there not something larger concealed in this vote for cynicism, for corruption, for stealing the public resources, despoiling the national treasure? This vote was a landslide victory for the terrible social indifference that followed for the next decade and culminated in the debacle of depression.

During that decade a corrupt and unheeding administration again and again killed measures against child labor, against a fifty-four hour work week—killed measures for the worker's right to organize trade unions, to receive unem-



ployment insurance, to earn social security. All these we accept today as norms of life.

Now in the 70's we have returned to a crisis such as we faced in the twenties.

Are you all right, Jack, that you don't even raise a cynical eyebrow, don't even shrug a cynical shoulder at the greatest series of national scandals since the Harding Tea Pot Dome scandal? Are you so bored by the ITT affair, the dairy fix, the sale of bank franchises, the Watergate break-in, the exclusive top secret tip-off to six wheat speculators—a tip-off that will bring a cozy three-quarter billion windfall to chairborne speculators at the expense of farmers who sweated to produce the grain?

If you're that bored, Jack, you can bet your boots, Texas-style, that as surely as the Harding era was followed by a decade of social blight, so surely will we, too, bring a similar blight into our national life. A corrupt, unheeding administration will discard civil rights and civil liberties and compassion for the less fortunate among us.

Is this the negative legacy we wish to leave our children? Or had we hoped to leave something more? Had we hoped to channel the passion, the social idealism of our young, and persuade them that the way to change is through the rule of law and the power of the ballot? Will we not embitter and forever alienate our Black, our Mexican, our Spanish, our Indian young?

At hand is the choice we can make, the one, the only choice for the coming years. Can we afford to coddle, cynically shrug it off: "I'm all right, Jack?"

## THE DAILY IOWAN

Volume 105, No. 58, October 24, 1972

Brought to you living and in living color by Steve Baker, editor; Will Norton, managing editor; Nancy Talcott, asst. mg. editor; Dave Helland, assoc. editor; Monica Bayer, Mike Wegner, news editors; Barbara Yost, features editor; Gerald Tauchner, survival services editor; Caroline Forell, Lowell May, Stan Rowe, viewpoint; Townsend Hoopes III, Bart Ripp, Bernie Owens, sports; Larry May, Tappy Phillips, photos; Stasia Smith, Diane Drtna, features; Paul Davies, Chuck Hickman, Roger Linehan, Nancy Stevens, news staff; Dave Rubenstein, special effects; Mike McGrevey, weather; Gail Fagen, fileperson; our staff writers and contributors; and the good people in production who put it all together.

John L. Huffman, Publisher  
Jerry Best, Retail Advertising Manager  
James Conlin, Circulation Manager  
Dick Wilson, Production Superintendent  
Published by Student Publications, Inc., 111 Communications Center, Iowa City, Iowa 52240 daily except Saturdays, Sundays, legal holidays, days after legal holidays and days of university vacation. Second class postage paid at the post office at Iowa City under the Act of Congress of March 2, 1879.

The Daily Iowan is written and edited by students of The University of Iowa. Opinions expressed in the editorial columns are those of the writers.

The Associated Press is entitled to the exclusive use for republication of all local as well as all AP news and dispatches.

Subscription rates: By carrier in Iowa City, \$15 per year in advance; six months, \$8; three months \$4.50. Mail subscriptions, \$20 per year; six months, \$12; three months, \$6.50.

Please recycle this newspaper.

Telephone numbers:  
Editorial news: 353-6210  
All advertising: 353-6201  
Business office: 353-6205  
Circulation: 353-6203  
Please dial 353-6203 if you do not receive your paper by 7:30 a.m. Every effort will be made to correct the error by the next issue. Circulation office hours are 9 a.m. to noon, Monday through Friday.

# Nigerian poet to lecture on africa

A lecture by the Nigerian poet, Mr. Okogbule Wonodi, will launch the cultural series Black Kaleidoscope I, sponsored by the Afro-American Studies Program. Mr. Wonodi, who in 1966 received his M.A. degree in English and creative writing from the University of Iowa, will discuss trends and movements in African literature. African novelists and poets will be the focus of a portion of Mr. Wonodi's lecture.

Currently Mr. Wonodi is a visiting instructor in the International Writers Workshop and teaches an African literature course in the Afro-American Studies Program. Mr. Wonodi's latest collection of poems is "Dusts of Exile." His lecture, "Trends in African Literature," will be held in the English-Philosophy Building, room 107, October 26, at 7:30 p.m.

Black Kaleidoscope I will also include a lecture by Mr. Hoyt Fuller, editor of Black World (formerly Negro Digest), November 15, Phillips Hall Auditorium, 7:30 p.m.; a dance performance by the Black Genesis Dance Troupe, December 2, McBride Hall Auditorium, 8 p.m.; and a drama presentation by the Black Action Theatre, December 8 and 9, McBride Hall, 8 p.m.

## Trivia

What famous pollster is a '20s graduate of the University of Iowa?  
Gallop to the personals and satisfy your curiosity.

## Experimental theatre

# Unusual 'Rainbow I' works

The toughest thing about reviewing a play like *Rainbow I*, which ran Oct. 20-22 at the Unitarian Society, is to find a vocabulary for it. Ordinary critical terms won't do. There are no roles in the traditional sense. There is no script. No set. No costumes. No individual performances. Only four people in leotards chanting, singing, rolling, crawling, running, clapping and throwing out an occasional group of words, words that are sometimes linguistically coherent, sometimes not.

*Rainbow I* is a dance. *Rainbow I* is an exercise. *Rainbow I* is a song—kind of. *Rainbow I* works. To fix Michael Robertson's production in a genre, one can say it is what is known variously as living theatre, theatre of involvement, participatory theatre, etc.

We are no longer shocked or enraged when actors pull into the acting area with them, or sing-shout in our faces as we were when Genet's *The Blacks* did it to us ten years ago at the St. Marks in the East Village. Nonetheless, the experience is worth it—and the word

"experience" is important here since the play is a much more direct experience than most. There is no linear form to carry a message; the play itself is the message. Life is a race to get somewhere that never is really reached, but the race itself is interesting enough to justify it. And the play makes this point by being a series of races. The sound and the fury of it all negates the nothing, leaving the statement of the play basically optimistic.

## Pogo by Walt Kelly



## Third Trinity flic ...

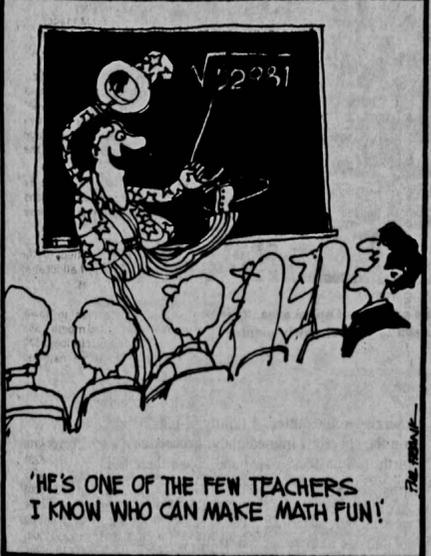
Trinity (Terrence Hill) gallops across the silver screen once again in the third Trinity movie, *Boot Hill*. But this time he isn't funny, at least not in the first half hour or for that matter, the last half hour. And in between is a weak scraggly story line tying together the ninety per cent of filler.

is riddled with twenty slugs simultaneously and another is trampled.

It is hard to imagine an audience laughing while ten men are gunned down and the super villain nervously squeams waiting to be shot next. But *Boot Hill* is able to accomplish such feats, providing the audience with a mentally healthy. Through-out all the blood and violence there are small slapstick routines to keep the audience chuckling.

*Boot Hill* is hardly a picture worth making an effort to see unless you are really into action flicks loaded with violence with a joke here and there.

## 'Frankly Speaking' by Phil Frank



## Styron to be here

William Styron, author of *The Confessions of Nat Turner* and *Down in Darkness*, will be in Iowa City beginning November 1 as a guest of the Writer's Workshop. A \$2 buffet will be given for him at Joe's Place on Iowa Avenue.

## Survival Line

353-6210 Tues., Thurs. 7-8 p.m.

Many readers have asked SURVIVAL LINE how to go about making claims against Discount Stereoland, which recently went bankrupt.

We now have your answer. The United States District Court for the Northern District of Iowa, has notified us that their Bankruptcy Court is now accepting claims (called petitions) against Discount Stereoland.

The deadline for all claims is October 30. In addition to the usual mortgages, liens, and similar, the court will accept all documented consumer claims such as deposits left on merchandise, items left for repair, and similar situations.

Petitions are to be sent or delivered to the bankruptcy court at the Federal Building, Cedar Rapids 52401. A copy must also be filed, by October 30, with Harry R. Terpstra, court-appointed trustee, at 830 Higley Building, Cedar Rapids 52401.

But, we regret, we can't encourage any great hopes. In such situations, it is unusual for claimants to get more than a small percentage of the amount they can prove they are owed.

## Campus Notes

### Today, Oct. 24

**ORCHESTRA**—The University Chamber Orchestra will present a program at 4 p.m. in Harper Hall, featuring Overture to "Die Entführung aus dem Serail," Symphony No. 4 in G Major, Op. 88.

**CHRISTIAN SCIENCE**—Barbara Nassif, campus counselor of the University's Christian Science Organization will speak in the IMU Hoover Room from 4-5 p.m. to answer questions on Christian Science.

**ZTA**—Zeta Tau Alpha will have a progressive dinner and pledge dinner, beginning at 5:30 p.m. For more information, call Penny Watson, 337-3465.

**UIEA**—The Representative Assembly of the University of Iowa Employees Association will meet at 7:30 p.m. in the IMU Minnesota Room. Guest speaker is Ed Mezvisky.

**DG PARTY**—The Delta Gamma alum meeting with pledges has been postponed until further arrangements.

### Tomorrow, Oct. 25

**FOREIGN STUDENTS**—Coffee hour with the Foreign Students Adviser, 3-5 p.m. every Wednesday at the International Center.

**IT'S OLD CAP WEEK!**—Today is International Day. There will be a dinner at the International House, at 5:30 p.m. Come and mingle with international eaters.

**ARH**—ARH will meet at 7 p.m. in the IMU Grant Wood Room. The public is invited, for more fun and games.

**ISEA**—Iowa State Education Association will meet at 7:30 p.m. in the IMU Indiana Room. All members and prospective members are invited.

**READING**—Novelist, biographer, translator Stephen Becker will read his fiction at 8 p.m. in the IMU Northwestern Room.

### Announcements

**HERD BOOKS**—To all departments: send your requisitions in to Student Senate for this year's Student-faculty-staff directories. This will be your last chance to order until late November, if there are any left.

## YOU ORBIT INTO THE FANTASTIC FUTURE...

**H.G. WELLS' THE TIME MACHINE**

800,000 years from now to a strange world where humans are raised for food by the bestial Morlocks, the fiendish cannibals who rule the earth from their underground caverns!

STARRING: ROD TAYLOR · ALAN YOUNG · YVETTE MIMIEUX · SEBASTIAN CABOT · TOM HELMORE

Screen Play by DAVID DUNCAN · Based on the Novel by H. G. WELLS · Directed by GEORGE PAL

Plus Episode 7 of Buck Rogers — PRIMITIVE URGE

Tues., Oct. 24 — Illinois Room, IMU

Society at 7:00 p.m. Public at 9:00 p.m. \$1.00

**NOW... ENDS WED. TERENCE HILL BUD SPENCER "BOOT HILL" COLOR PG**

**ASTRO NOW... ENDS WED. ROBERT REDFORD "THE CANDIDATE" COLOR PG 1:35-3:32-5:29 7:31-9:33**

**IOWA NOW... ENDS WED. 1:45-3:40 5:35-7:30 9:25 Love Minus "R" One**

**CINEMA I NOW—ENDS WED. MON.—WED. 7:10 & 9:10 250 LBS. OF TROUBLE NAMED "GEORGE" COLOR 'G'**

**CINEMA II NOW—ENDS WED. SHOWS 7:25-9:25 ROBERT MICHEUM — "THE WRATH OF GOD" COLOR 'G'**

CHABROL — the film artist, the master craftsman, the skilled director of the French New Wave directs —

## THIS MAN MUST DIE

(French, with English sub-titles)

One of his most brilliant films

WEDNESDAY, THURSDAY 7 & 9 p.m. Illinois Room, IMU \$1.00

Monday thru Saturday Special !!

## HAMMS

On Tap Special Glass 9c

With purchase at George's Gourmet... with any Pizza, Spaghetti, Fish, Chicken, Rib, Steak Dinner or Gourmet Sandwich.

### George's Gourmet

PIZZA HOUSE AND RESTAURANT

• Dining • Delivery • Carry Out Service

830 First Ave. E., 1/2 Blk. No. of Towncrest Shopping Center

Ph. 328-7801

4-12:30 A.M., SUN.-THURS. 4-2:30 A.M., FRI.-SAT.

TODAY IS BIRD DAY IN IOWA

Pretty good reason for a Pizza Celebration, eh?

## PIZZA HUT

(The place that finds any excuse to celebrate)

211 1st Ave., Coralville, 351-3381 and yarn

1921 Keokuk, Iowa City, 351-8655

**BIRD DAY CELEBRATION:**

\$1.00 off any 15" pizza

50¢ off any 13" pizza

with this coupon

coupon good after 8:00 p.m.

offer good thru Oct. 27, 1972

## CROSSWORD PUZZLE

Edited by WILL WENG

**ACROSS**

1 — at work

4 Vegetable

12 Set in a row

14 City-room figure

15 Devil

16 "Rose Marie," etc.

18 Electric chair, to cons

20 Like tartar steak

21 Truth personified

22 Letter

23 Large S.A. bird

25 Caesar

26 Bronx, for one: Abbr.

28 Make amends

32 Run a business

35 Clerical appellation

39 Raising Cain

41 Certain eggs

42 Losing money

44 Della and Pee Wee

45 Literary work

46 "—longa..."

47 Belfry denizen

50 True

**DOWN**

52 Stopping place: Abbr.

55 Whitney

56 —cent

58 Flexible

61 Private chat

64 Knife's edge

65 Detergent

66 Roman spirits

67 Makes notches

68 Farm animal

27 Pointed arches

29 Comprehensive

30 "—too late"

31 Great Lakes

32 Indo-Chinese tribe

33 Sheridan or Harding

34 Writer Benchley, to friends

36 City railways

37 Wedding-story word

38 Dental degree

40 Seize again

43 Color

47 Mutual item

48 Waugh et al.

49 Novelist's concern

51 Mimics

52 Gaze

53 Ebb or rip

54 Tennis points

56 TV's Jack

57 Heating vessel

59 Up to

60 Side dish

62 Poetic word

63 Golf gadget

ANSWER TO PREVIOUS PUZZLE

Overdue Books

It was reported on December 7, 1968, that a book on febrile diseases (London, 1805, by Dr. J. Currie) checked out in 1823 from the University of Cincinnati Medical Library was returned by the borrower's great-grandson Richard Dodd. The fine was calculated as \$22,646.

master charge

Iowa Book and Supply Co.

Corner of Clinton and Iowa Ave

Mon. 9-9, Tues. thru Sat. 9-5

# Old Capitol—a mirror of the past

by Diane K. Drtina  
Associate Feature Editor

## 1807 to 1839

Congress forbid the occupation, settlement, or survey of lands of the country until the Indian title had been relinquished, with special reference to Iowa (which is an Indian word for "natural beauty"). The pioneers pushed onward, however, so that in 1834 Congress hurriedly attached Iowa to the Territory of Michigan, then in 1836 to the Territory of Wisconsin. In 1838 the Territory of Iowa was established, with Robert Lucas as governor.

At this time the Meskwaki Indians still lived in the area. During the time of the celebration of becoming a territory, the chief of the Meskwakis, Poweshiek, spoke to the crowd, pointing to the west:

"Soon I shall go to a new home and you will plant corn where my dead sleep. Our towns, the paths we have made, and the flowers we love will soon be yours. I have moved many times and have seen the white man put his feet in the tracks of the Indian and made the earth into fields and gardens.

I know that I must go away and you will be so glad when I am gone that you will soon forget that the meat and the lodge-fire of the Indian have been forever free to the stranger and that at all times he has asked for what he has fought for, the right to be free."

## 1839

Deciding upon the site for the capital was a difficult task for the pioneers. Burlington was named the temporary seat of government; Mount Pleasant was motioned for the permanent seat.

The fight for the capital began. Towns motioned for the capital were Bloomington, Wyoming, Burlington, Davenport, Black Hawk, Rochester, Bellevue, Napoleon, Du Buque, Rockingham, West Port, Keosauqua, Parkhurst, West Point, Elizabeth, Peru, Upper Wapello, Elizabeth City, Lower Wapello, Buffalo, Keokuk, Camanche, Moscow, Fredonia, New Mexico, and Sippenamo.

Then a new idea came up. If they couldn't agree on a river town or an interior town, why not build the capital on unoccupied land?

Johnson county, named for the Indian fighter Colonel Richard Mentor Johnson, was chosen as a general site for the capital. A commission had to be sworn in to choose a specific site.

Which led to the midnight ride of Philip Clark. The law stated that the commission had to be sworn in on May 1, 1839; if not, Johnson County would be lost as the capital site. But a quorum wasn't present.

So Philip Clark volunteered to ride the 35 miles up the banks of the Iowa River to get John Ronalds, a member of the commission. The crowd waited in suspense throughout the day; would John Ronalds even be there? It was a few minutes before midnight—and the sound of galloping hoofs were heard!

A couple of days later the commissioners rode around the area looking for a site they saw the Iowa River; the cliffs, the rolling hills, and decided the capital would be here. The site was marked with a piece of wood where Old Capitol stands. They named the place the "City of Iowa," later shortened to Iowa City.



One of the first buildings was Lean Back Hall, so named because it was only six feet high, requiring many who came in to sit down and lean back against the wall. Lean Back was a bar, a dining room, a kitchen, and one bedroom. The bedroom accommodated about 40 men on a single bed—the floor.

## May 4, 1839

Ads were circulated for architects for the capitol building. Apparently John F. Rague answered the ad; however, Father Samuel Charles Mazzuchelli has often been attributed as the architect. It seems he had visited Iowa City at one time; the spiral staircase of the capitol reminded one of the staircases in the churches he had built; the dome resembled tabernacles he had designed. John F. Rague, however, is mentioned in written documents as the architect.

The original designs of the architect were not preserved. It is believed that Rague's plans were followed quite closely, for the Doric architecture of Old Capitol resembles the Old State House at Springfield, Illinois to a great degree, which Rague also designed.

## July 4, 1840

The day the cornerstone was laid was a big event. There a procession, an oration, a dinner. According to Benjamin Franklin Shambaugh, Chauncey Swan, acting as president of the day, held up a copper box, and the crowd was told what it contained: a copy of the Declaration of Independence, a copy of the Constitution of the United States, a copy of the Organic Law of the Territory of Iowa, a copy of the laws enacted by the First Legislative Assembly, a copy of the Journal of the House of Representatives, a copy of each newspaper published in the territory, a scroll bearing the inscription: "This Corner Stone of the Capitol of Iowa Territory was laid on the Fourth Day of July Eighteen Hundred and Forty at Meridian."



1853 The first Johnson County Fair

## 1840 to 1855

Old Capitol took 15 years to build. Work was done little by little as the funds came in. The total cost of the building was about \$125,000.

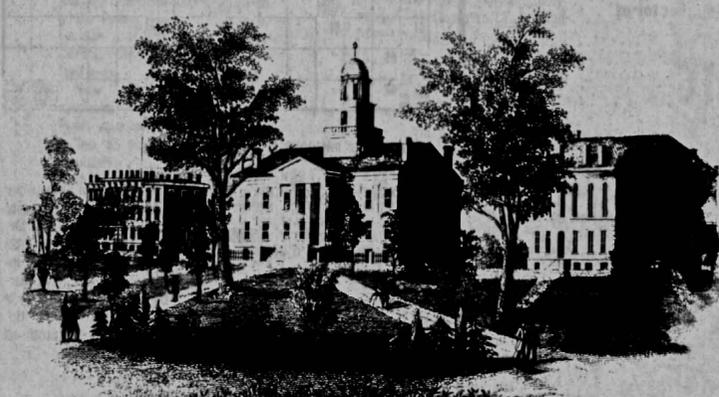
Even though the building

wasn't finished, beginning in 1842 the government used the building for its territorial assemblies, six sessions of the state legislature, and three constitutional conventions.

## 1857

Old Capitol has seen Iowa move from a territory in 1838 to a state in 1846. In 1857, with the push further westward, a more centralized capital was required, and the government was moved to Des Moines.

Immediately after the move, Old Capitol was given to the University. At that time there were three faculty members, 19 students, and \$4 per semester tuition fees.



## 1859

Amos Dean was the university's first president, but he gave up the post in 1859 when the Board of Regents ruled he must run the school from Iowa City, not from Albany, New York, where he was chancellor of a law school.

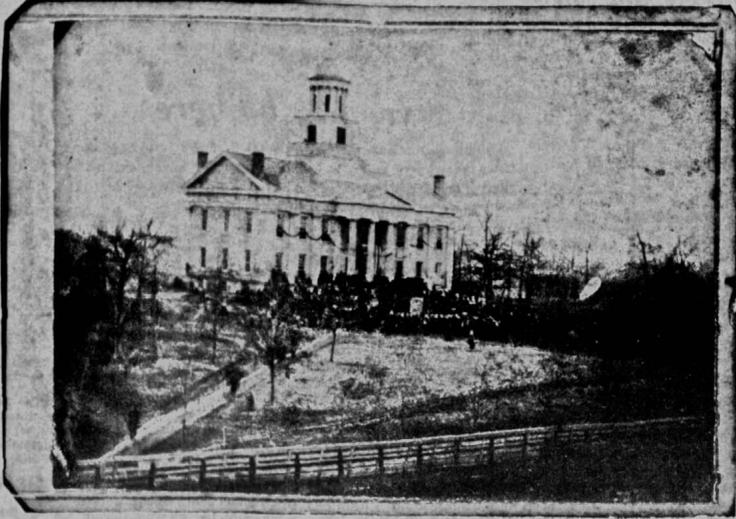
Silas Totten was the second president. Fifteen presidents have followed with offices in Old Capitol, until the administration of Willard Boyd, who moved the offices into Jessup Hall to allow the restoration of Old Capitol to begin.

## 1864

Old Capitol was used for administrative offices and for classes. It was the only building of the University until South Hall, also known as "The Old Sin Trap", was built in 1864. It was used as a dormitory and dining hall. It also housed the liberal arts, dentistry, engineering and medical departments throughout its history.

North Hall was built in 1865; the second floor

contained a library and a chapel. Chapel was held daily with singing, scripture readings and prayer. Attendance was mandatory, and the faculty members participated in rotation at the services. The basement and the first floor held the chemistry and physics departments, and on the first floor was a chemistry laboratory.



A Lincoln Memorial Service was held in April

Old Capitol's spiral staircase is unique. So far no one has been able to find another staircase with a reverse curve. The top step is directly over the bottom step.

The first university baseball game was played on the west slope of Old Capitol. The third baseman had a particularly difficult time playing, for he had to run up and down the hill chasing the ball.

## 1865

A memorial for Abraham Lincoln was held in 1865 in front of Old Capitol. Old Cap's bell tolled for three days and nights after the assassination of Lincoln.



In 1866 three buildings housed the University. Now there are about fifty.

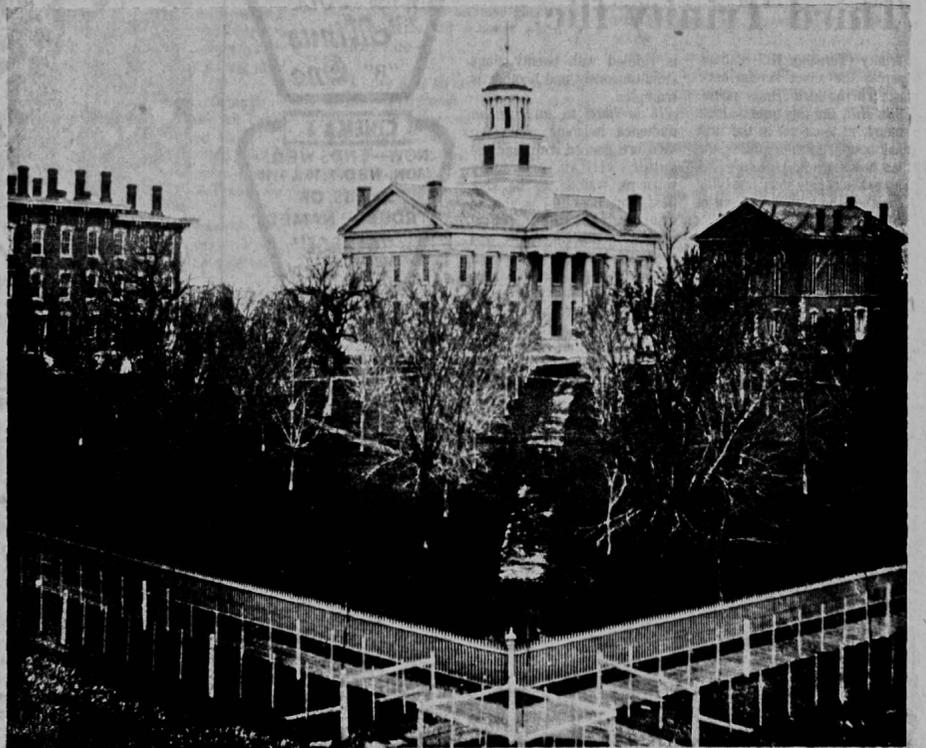
This picture shows the Old Capitol, Old South Hall, and the Library.

## 1897

North Hall was destroyed by fire in 1897. Out of the library's 33,601 volumes, 24,797 were lost.

## 1901

South Hall was destroyed by fire in 1901. In its place was erected a temporary frame structure to house the College of Medicine.



## 1890

Fences were used to keep animals out of the Capitol area. The white posts in foreground were used to protect newly planted trees

Fences enclosed the Pentacrest area to keep cattle and hogs outside it. An ordinance was passed that said, "horses, jacks, mules, swine, and cattle, except milch cows from the first of April to November first, running at large within the limits of Iowa City are nuisances."

Connected with the animals that ran the streets is a story of the First Riot in Iowa City. It seems that a barkeeper used to flavor barrels of whiskey with cherries, then would throw the

cherries in the gutter. A family of pigs happened along and ate the cherries, immediately proceeding to reel back and forth, fall on their noses and chase their tails.

Unfortunately (?) at this time the Sons of Temperance were adjourned from a meeting, saw the drunken pigs, and in an outrage angrily kicked in the windows of the taverns in Iowa City.

## 1881

Steamboat methods of coaches and h... in 1841. But w... that steambo... bottom of the... directly east... Some peopl... which could h... street was pa... Upon exam...



## 1900

The view of right is from Iowa River. Iowa Avenue time was ch... name "The A...

About the Clarence Stri... radio receiv... physics build... time signals f... observatory, s... let other Iowa... correct time. A light was the flagpole dome. Every p.m., he woul... few times in... of a contro... physics build... p.m. he turne... Later Stri... automatic dev... vice ended w... got radios.

Ever wor... name? In 19... to name the... "Five-Spo... nickname fo... ted, calling... reminded th... Names su... The Oval, T... Capitol Squ... Circle, Quir... Pentacrest... On Decem... announced... submitted by... his name E... The follow... Iowan's Dec...

The hotly... clature of... buildings su... finish. "Fiv... ce and here... the "Pentac... strength of... Unmoved... Iowan Staf... fastened on... can't be exp... assertion th... natural and... their decisio... Vox Dei" an...

## The

Whe... appropr... Steel... profe... were... eight... At t... chand... pieces

## 1881

Steamboats to Iowa City provided less costly methods of transporting provisions than the slow stagecoaches and horses. The first steamboat, *The Ripple*, arrived in 1841. But where did the steamboats land? Legend has it that steamboats used to tie up to the large elm tree at the bottom of the western slope of the Old Capitol grounds, now directly east of Madison St. and close to the sidewalk.

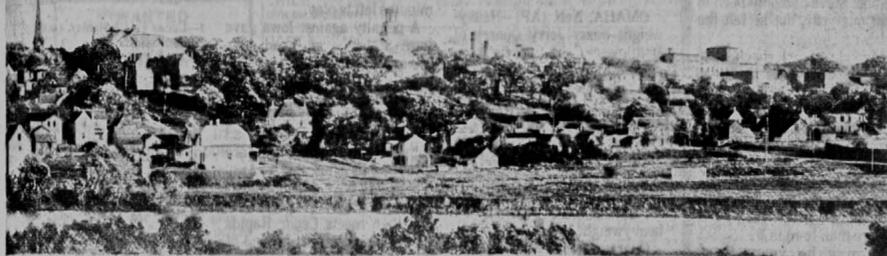
Some people point out that Madison St. lies in a low area, which could have been the river bed, and that before the street was paved, the area was very sandy.

Upon examination of old maps, however, the Iowa River

has always run about two blocks west of Madison St. and the elm tree.

What really seems to have happened, though, is that in July, 1881, a flood covered the bottom part of the hill near Old Capitol. The river rose 22½ feet, cutting off bridges. Since people in Coralville couldn't get provisions, John P. Dostal, the owner of the Great Western Brewery in Iowa City, rushed into town with his steam yacht, tied up his boat at the elm tree, received the order from Hummer's wholesale grocery, and steamed back to Coralville with the provisions.

—Des Moines Register, April 20, 1969



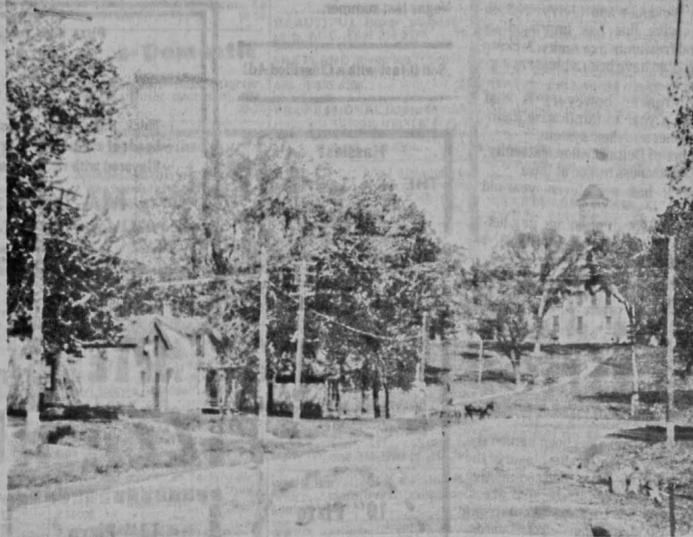
The two smokestacks behind Old Capitol are the Physical Plant's before it was moved.



View of Old Capitol looking toward the east

## 1900

The view of the picture to the right is from the east side of Iowa River, looking east along Iowa Avenue. Iowa City at one time was christened with the name "The Athens of Iowa."



About the time of WWI, Clarence Strike built a wireless radio receiving set in the physics building. He picked up time signals from the U.S. naval observatory, so the thought he'd let other Iowa Citizens know the correct time.

A light was installed on top of the flagpole on Old Capitol's dome. Every evening before 9 p.m., he would flash the light a few times in warning by means of a control switch in the physics building. At exactly 9 p.m. he turned on the light.

Later Strike rigged up an automatic device. Later the service ended when more people got radios.

Ever wonder how The Pentacrest got its name? In 1924 the Daily Iowan held a contest to name the area around Old Capitol.

"Five-Spot" seems to have been the nickname for years. But some people objected, calling the name "low-brow" because it reminded them of a poker game.

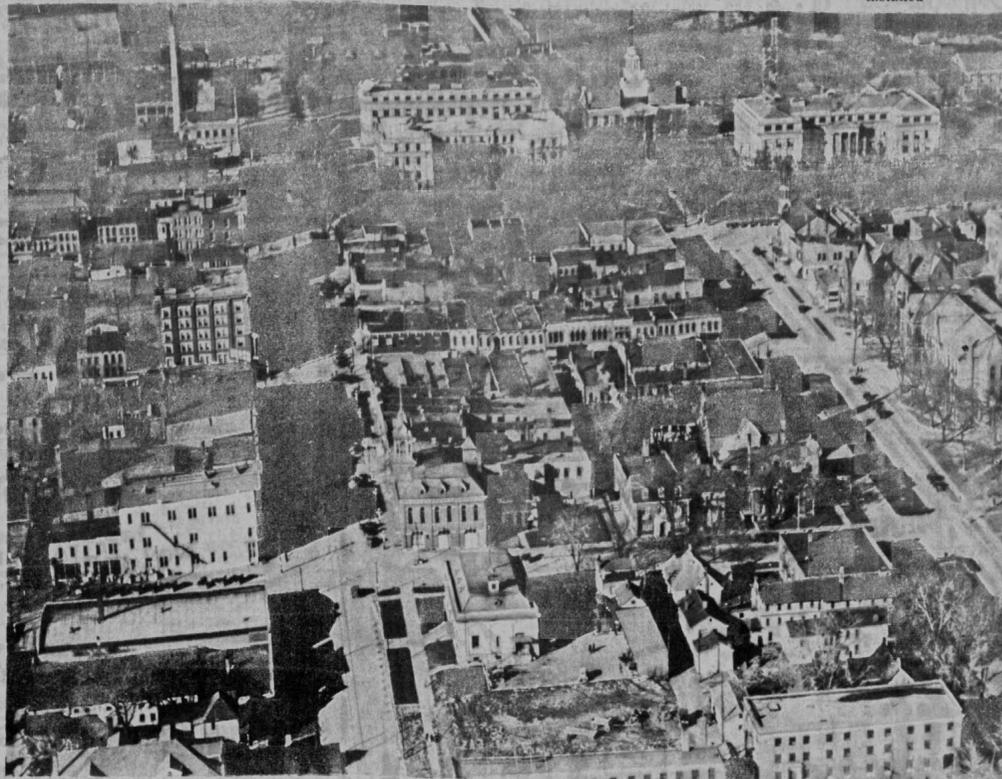
Names submitted were The Mall, The Bowl, The Oval, The Pentagon, Capitoline Hill, Old Capitol Square, Macbride Square, Macbride Circle, Quincunx, Old Capitol Campus, The Pentacrest, and Pent Hawk Campus.

On December 19, 1924, The Daily Iowan announced the new name: The Pentacrest, submitted by a modest individual who signed his name E.A.P.

The following article appeared in The Daily Iowan's December 19, 1924 issue:

The hotly contested battle over the nomenclature of the Old Capitol and the four buildings surrounding it has finally come to a finish. "Five Spot" has passed out of existence and hereafter the group will be known as the "Pentacrest," a name adopted on the strength of the vote of a decided majority.

Unmoved by the vociferous argument of the Iowan Staff that "a name deliberately fastened on with a hammer and a carpet tack can't be expected to stick," and the stand-pat assertion the "Old Capitol Campus is the natural and logical title," the judges based their decision on the principle of "Vox Populi, Vox Dei" and bowed to the will of the masses.



Iowa City overview with Old Cap in top right corner

## Late 20's

### Bats in the belfry

Melvin Belger, custodian, says that Old Cap has "bats in its belfry." He came to work one morning and was hit in the face—when he turned on the light, he saw the bat.

The bats hide themselves when sleeping in the dome, but their chattering can be heard. At first the noise was thought to be starlings.

11-27-47 Iowa City Press Citizen



Lights on the ribs of the dome were removed in 1935 when floodlights were installed

## 1934

### The Great Debate

In 1934 a Great Debate was held concerning Old Capitol's front door. Which one was it? The east or the west door? Many people contributed their logic to Tom Yoseloff's column in the Daily Iowan, "Seen from Old Capitol".

"The matter of Old Capitol's front and back door came up for discussion yesterday. It seems the question was raised by a letter received on this campus, which sought to determine whether the east door is the front and the west door the back, or whether the west door is front and the east back.

"It was suggested that a simple means could be adopted for finding out. The door beside which reposes a milk bottle or a garbage can is the back door, someone pointed out. But it didn't work. For, though a personal inspection of every door was made, not a milk bottle or a garbage can was to be found.

"Then Prof. Benjamin F. Shambaugh was asked, "Professor Shambaugh," we asked, "which is the front door and which is the back door of this building?"

"Why," he answered, "there is no back door. There are two fronts and two sides."

## 1935

### To present

From a Territory to a State, from the Lincoln Memorial Service to the John F. Kennedy and Martin Luther King Memorials held at the Pentacrest, Old Capitol has seen the history of Iowa and of the University.

Commencement ceremonies used to be held on Old Capitol's east side. Another tradition that has been discontinued is the Induction Day Ceremony. On the first day of classes all of the deans and administrative staff used to walk out the west door (until the trees grew too tall, then the ceremony was switched to the east side), and give ten minutes of talk, officially beginning the school year.

Old Capitol has also seen student demonstrations throughout the years. In 1967 students poured blood on the Old Cap steps to protest the Marine Recruiters on campus. In 1969 Jerry Sies tried to arrest President Howard Bowen in Old Capitol for not disclosing public information. In 1970 over 200 people were arrested peacefully for an anti-war protest when Old Cap was broken into and damaged.

In July, 1970, President Willard Boyd announced that the administrative offices would be moved to Jessup Hall in order to allow the restoration of Old Capitol to begin.

The plan is to restore Old Capitol to reflect its total history. Two of the rooms, the Senate Chambers and the President's office will mirror the University's 115 years of history. The remaining building will be restored to portray Old Capitol's part in Iowa's years as a Territory and a State from 1842 to 1857.

A committee, headed by Mrs. Virgil Hancher, is in charge of the restoration. The late Virgil Hancher was the president of the University from 1940 to 1964.

Dr. Margaret Keyes of the Home Economics Department is assisting the committee by researching the history of Old Capitol. Principally through early Iowa House and Senate Journals, vouchers and bills from the National Archives, Washington, D.C., she and her student research assistants have compiled a long list of furnishings purchased for Old Capitol during its 15 years as the seat of Iowa government.

Recently a 130-year-old black walnut secretary was given to Old Capitol, the first major acquisition. Keyes has purchased a set of 19th century walnut library steps inlaid with 19th century carpeting, an important find because now they know what type of carpeting was used.

Presently the plaster is being removed from the House Chamber. "Our plans are going along very well," Keyes said. "We know what we're looking for. Now it's all a matter of finding. So any clues anyone can give us will help us put the jigsaw puzzle together."

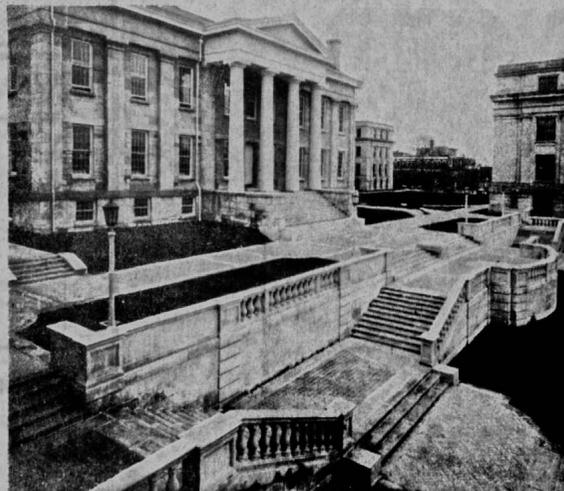
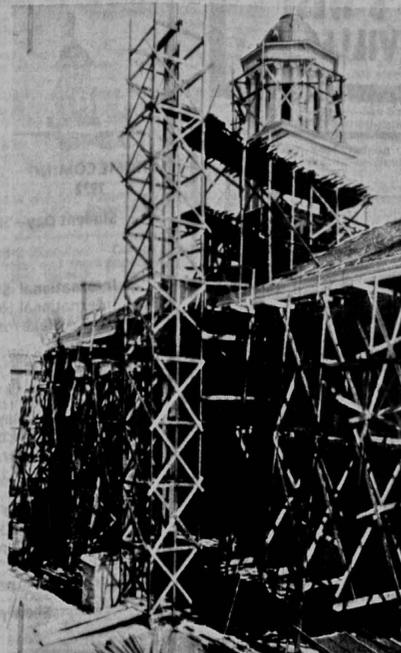
The restoration of Old Capitol is scheduled to be finished by 1976.

# The first restoration of the Old Capitol Building

## 1921-1924

When some of the timbers began to weaken, the legislature appropriated \$50,000 toward the preservation of Old Capitol. Steel beams replaced the wooden, the building was fire-proofed, the west portico was added, both east and west steps were replaced and the southwest corner, which had sagged eight inches, was raised.

At this time also new chandeliers were installed. Each chandelier weighs about 650 pounds and contains 1,000 pieces, including 750 prisms.



Credit is given to the following sources: The Old Stone Capitol Remembers by Benjamin F. Shambaugh, The Des Moines Register, The Cedar Rapids Gazette, The Iowa Press Citizen, and The Daily Iowan.



Photo by Jim Trumpp

## Rick Penney

# 19-year enigma shed by Penney

By BOB DYER  
Sports Writer

It may have taken Iowa's free safety Rick Penney 19 years, but he's finally shed an enigma. "As long as I can remember, I've been known as Steve Penney's little brother," said Rick. Big brother Steve, who preceded Rick at Iowa, was a prep All-American and all-star as a running back at J.D. Darnall high school in Geneseo, Ill.

"In high school," Rick commented, "Steve was a senior when I was a freshman. People were always asking me if I was going to be as good as my brother."  
The question was answered Saturday, Oct. 14, when the sophomore defender intercepted two passes, recovered a fumble, and returned a punt 47 yards to help ensure Iowa's 23-12 victory over Northwestern.  
For his performance, Penney was named the Big Ten defensive player of the week by both wire services (AP and UPI).  
"I think I've always played better all-around games, but the awards had to be my biggest thrill in college football," said Rick.  
Against Minnesota Saturday, Rick turned in 14 solo tackles and assisted in another.  
Penney, a quarterback and safety under coach Bob Reade at J.D. Darnall, never tasted defeat in high school.  
"Darnall had a 52-game winning streak snapped last season," Rick said.  
Not a highly recruited prep athlete, Penney narrowed his choices to Missouri and Iowa.  
"At first, I was hesitant about following in Steve's footsteps. He had a good career (three-year letterman) and I didn't know if I

wanted to buck him again," said Rick.  
"When I visited Iowa, I was impressed with the coaching staff's attitude. Steve had only been in contact with the staff one year, but he felt the same way I did."  
Originally recruited to play quarterback, Penney was moved to safety during his freshman year.  
"I think the Iowa staff felt I was a good enough athlete to play in the defensive backfield or at wide receiver," commented Rick.  
When asked about his duties at free safety, Rick said: "It's a little like being a quarterback again. I call the defensive backfield signals. We started the season playing zone coverage, but lately we've played more man-to-man."  
"Our secondary may be young (three sophomores) but we've got good athletes and we're coming along."

Penney believes the vast improvement in the Iowa defense can be traced to various reasons.  
"Getting (Bill) Windauer and (Jerry) Nelson back in the defensive line has improved us tremendously. And freshman like Andre Jackson and Lester Washington have been a pleasant surprise."  
"The big difference, however, is that everybody has had a year to familiarize themselves with the coaches and their system."  
Penney, a member of Delta Upsilon fraternity, is pointing toward a business major at Iowa.  
Incidentally, Rick has an eleven-year-old brother named Jay.  
"Hopefully there is enough of an age gap between us that he won't have to go through the same thing I did," said Penney.  
A few more performances like the one at Northwestern and that may not be the case.

# Tag Jackson with 2nd 'D' honor

By TOWNSEND HOOPES, III  
Sports Editor  
Freshman linebacker sensation Andre Jackson of Dixon, Ill., has been named the Hawkeyes' defensive standout

of the week for the second time this season.

In last Saturday's 43-14 loss to Minnesota, Jackson was credited with 15 solo tackles and five assists, bringing his season total to an incredible 95 tackles through six contests.

For his efforts, the 6-2, 206-pounder received four Hawk awards from Head Coach Frank Lauterbur, along with the outstanding performance award.

Just for comparative analysis, Jackson's 1972 stoppers already outnumber those accumulated in the entire '71 campaign by Michigan State All-American safety Brad VanPelt. VanPelt collected 51 solos and 41 assists last fall, along with four pass interceptions.

This week's top offensive award went to tackle Jack Muller of Algona, who also received two Hawk decals for his efforts.

Muller's blocking was rated at 84 percent by Hawkeye coaches, to which FXL replied, "it's the best job of blocking I've seen in two years at Iowa."  
"Because of performances like Muller's, we were moving the ball well last Saturday, but we stopped ourselves with fumbles and interceptions."

Muller was named to the All-Big Ten second team in 1970, but sat out last season with a leg injury.

Other gridmen receiving performance awards included Brian Rollins (1), Bobby Ousley (1), and Dave "The Rave" Harris (1), who combined for Iowa's 14 points.

Defensive back Earl Douthitt and strongback Mark Fetter earned recognition for kickoff returns; Frank Sunderman added another set of wings for his 51-yard punt without a return.

Freshman middle guard Dave Bryant, who replaced veteran Jerry Nelson following Nelson's leg injury, received

two Hawks for recovering a Gopher fumble and sacking Minnesota quarterback Bob Morgan for a loss. Other defensive awards went to Charlie Cross, Rick Penney, Tyrone Dye and Romero Harthorne.

The Hawks worked out only briefly in sweat clothes on Monday, following sessions which included a scouting report on Michigan State.

The last time Iowa defeated Duffy Daugherty's Spartans was in a regionally televised contest Oct. 25, 1969, by a narrow 19-18 tally. That, too, was a Homecoming encounter.

**SIDELINES:...**They said it...Placekicker Harry Kokolus, recovering from a hip-pointer, on defensive tackle Bill Windauer, who incurred an identical injury on Saturday: "It's easy to tell we've been to the same high school (Chicago Mendel), we get the same injuries..." Sophomore cornerback Bobby Elliott, jogging in Kinnic Stadium yesterday afternoon, his hand in a cast as a result of a broken thumb suffered against Northwestern: "I'm just trying to keep in shape. You never know what might happen..." Around the Big Ten...Purdue scabbard Otis

Armstrong has been named the Big Ten's offensive player of the week for the second consecutive week by the Associated Press. Last Saturday, Armstrong exploded for 233 yards, including touchdown runs of 54 and 52 yards, as the Boiler-makers drubbed Northwestern, 37-0. Around the Big Eight...Iowa State defensive captain Matt Blair underwent surgery Monday to repair a torn cartilage suffered against Colorado. Blair's surgeon advises that full recuperation will require about three months.

## IM Corner

By Bob Denney

GAMES TODAY  
(Games played at Pinkbine Field. Field is listed first, followed by game and time.)

- Quad-Carrier-Daum-Stanley  
1—Lucas vs. 4th Stanley, 4 p.m.  
Rienow-Slater League  
2—Rienow 11 vs. Slater 10, 4 p.m.  
3—Slater 8 vs. Slater 2, 4 p.m.  
4—Slater 12 vs. Slater 5, 4 p.m.  
4—Rienow 7 vs. Slater 3, 5 p.m.  
Co-ed League  
1—Mulleys vs. Artful Dodgers, 5 p.m.  
2—Misfits vs. Ed's Heads, 5 p.m.  
3—Ciruna vs. Hot Pi's, 5 p.m.

All games are make-ups due to the Sunday's bad weather, forcing the playoffs in men's intramurals to be re-scheduled this week.

## Soccer streak ends

Quarry vs. Jackson in Omaha

AMES—The Iowa Soccer Club's 20-game undefeated streak in the Upper Mississippi

Soccer Alliance ended Sunday as the Iowa State team posted a 2-1 victory. The game was played in heavy rain and on a water-logged field.  
Iowa State opened the scoring in the first half and Iowa almost tied the score before the half ended when Steve Caldwell's header hit the post with the goalie beaten. Iowa captain Denis Sogolo finally tied the game on a hard shot with five minutes left to play.

A penalty against Iowa gave Iowa State the go-ahead goal, however, as the Cyclones made their penalty shot with just two minutes remaining in the game.  
Iowa is now 3-1-3, while Iowa State takes over the league lead with a 4-0-1 mark. There are three games left to play.  
Iowa will have two "friendly" games next, Oct. 29 and Nov. 5, and then meets Cedar Rapids Nov. 12 in the second round of the newly instituted 10-team UMSA knockout cup competition, where one loss means elimination.

Sell it fast with a Classified Ad!

Hassles?  
**THE CRISIS CENTER**  
351-0140  
2 p.m. to 2 a.m.

Pizza Like You've Never Tasted—  
**"OLD TOWN CHICAGO PIZZA"**  
—Thick, flaky crust, almost sweet.  
—Loads of mild sausage or choice beef.  
—Flavored with real tomatoes, not a catsup sauce.  
**MAIDRITE CORNER**  
351-0711 for Carry-Out 630 Iowa Ave.

Now Tuesday Nite is  
**FAMILY NITE** at your neighborhood  
**PIZZA HUT**

10" Pizza 99¢ each added topping — 10¢	13" Pizza 1.99 ea. added topping 20¢	15" Pizza 2.99 30¢ ea. added topping
--	--	--

10¢ Pop with Pizza 5 p.m. to 8 p.m. NO COUPONS ACCEPTED  
211 1st Ave., CORALVILLE 1921 Keokuk, IOWA CITY

Japanese Film Society  
Tickets on sale Wednesday at IMU Box Office  
SERIES TICKETS GOOD FOR 7:00 p.m. Wednesday only or 7:00 p.m. Thursday only

Nov. 1-2 Fires on the Plain  
Nov. 8-9 Tokyo Story  
Nov. 15-16 Throne of Blood  
Nov. 29-30 The Bailiff  
Dec. 6-7 Yojimbo  
Dec. 13-14 Gate of Hell

Series Tickets \$4.00 plus tax  
Public Screenings at 9:00 p.m. only Wed. & Thurs.  
Admission \$1.00 per person

Old Capitol Week continues  
Tuesday  
Student Day—Show your instructors you love 'em—go to your classes!  
Wednesday  
International Student's Day—Students of India will host a dinner at the International House, 219 N. Clinton, from 5-6:30 P.M. The public is invited. Please make reservations at the Activities Center or call 353-3116.  
Admission: Public \$1.50 Students \$1.00 Students with badge 50¢  
Thursday  
Community Day—the following Stores will offer discounts to anybody wearing Homecoming Badges on Thursday only:  
Country Cobbler—5 per cent OFF on all but sale merchandise.  
Catherine's, Ltd., Seifert's, The Stable—10 per cent OFF on all but sale merchandise.  
Baskin-Robbins' (downtown)—dub'l dip chocolate sundae—35¢  
Bremer's (both stores)—\$5 OFF any jacket or coat except denims.  
Iowa Book & Supply—10 per cent OFF on all posters  
Things, Things, Things—20 per cent OFF on all deli food.  
Garb-Age—10 per cent OFF on all pants.  
Show your spirit—wear your badge and earn these discounts.  
—MORE TO COME ALL WEEK—



Photo by Jim Trumpp

## Jack Muller



## Andre Jackson

**The SHAMROCK**  
525 S. Gilbert  
Beer, Wine, Mixed Drinks  
Pool Tables

TREAT YOURSELF TO A PIZZA TONIGHT  
FREE DELIVERY

**PIZZA VILLA**  
12" & 14" Pizzas and Soft Drinks  
Coralville Residents—50¢ Delivery Charge  
338-7881

Special!  
Delicious with tartar sauce & lettuce  
**FISH**  
Reg. 39¢ **25¢**  
Tues., Wed., Thurs.  
Oct. 24, 25, 26

That's what I like about  
**Henry's**  
Good Only At  
**HIGHWAY 6 WEST CORALVILLE**

**AUDITIONS —**

for Moliere's **TARTUFFE**  
director: Steven Lockwood  
rehearsals begin: Oct. 30  
performance dates: Jan. 25-27  
Student Production Series

Arden's **SERJEANT MUSGRAVES DANCE**  
director: John Heckle  
rehearsals begin: Nov. 13  
performance dates: Feb. 22-24, 27, 28, March 1-3  
University Series

Chekov's **THE THREE SISTERS**  
director: Dick Cook  
rehearsals begin: Mid December  
performance dates: Feb. 15-17  
Student Production Series

**Auditions: MAIN STAGE — UNIVERSITY THEATRE**

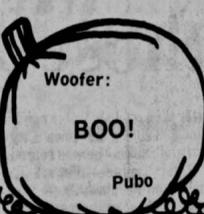
Wed., Oct. 25 — 4-6 p.m. All Shows  
Thurs., Oct. 26 — 4-6 p.m. All Shows  
Fri., Oct. 27 — 7-10 p.m. Concentration on Tartuffe and Musgrave  
Sat., Oct. 28 — 1-5 p.m. Concentration on Three Sisters  
7-10 p.m. CALL BACKS — All Shows

Be prepared to perform:  
3-5 minutes of memorized, scripted material — actor's choice

# DAILY IOWAN



## Pumpkin Greetings



## WANT AD RATES

One to Three Days... 20c a Word  
Five Days... 23c a Word  
Ten Days... 25c a Word  
One Month... 55c a Word

Minimum Ad 10 Words  
Sorry, no refunds.

## Phone

353-6201

## uniBank



A new building & name for the Coralville Bank & Trust Co., but you will receive the same fast courteous service from the same friendly people.

## Take stock in America.

Buy U.S. Savings Bonds.

The U.S. Government does not guarantee the value of these securities.

**INSURANCE**  
Homeowners  
Mobile Home  
Motorcycle  
Auto (also SR-22)  
Boats  
Life-Rates you can live with

916 Maiden Lane 351-7333

Yes, after 21 big months

## THE DUGOUT

still has amateur GO-GO contests every TUESDAY NIGHT, 9 p.m.

**\$100 WINNER**  
**\$10 EACH CONTESTANT**

312 1st Avenue, Coralville, 351-9603

CUT OUT

## INTRODUCTORY INVITATION

Iowa City's Finest Recreation Room

### FOUR CUSHIONS

Three Cushion or Pocket Billiards  
**50° OFF COUPON**  
on 1 hour minimum play. Expires Nov. 18, 1972  
Limit: One per customer

Cut out this coupon and come up and get acquainted  
Second floor over Airliner and Mulberry Bush

## D. I. classifieds are great little workers!

**PEGASUS, INC.**  
The Photography People  
Call 338-6969

## HELP WANTED

**THE DAILY IOWAN NEEDS EARLY MORNING RISERS FOR THESE AREAS:**

- ★ Woodlawn—Evans—Iowa Avenue Area
- ★ 20th Avenue Place, Coralville
- ★ 6th Avenue—7th Avenue—G Street, Iowa City
- ★ E. Bloomington—E. Davenport Area

**APPLY AT THE CIRCULATION DEPARTMENT**

# 111 COMMUNICATIONS CENTER

# OR PHONE 353-6203

**THE DAILY IOWAN NEEDS EARLY MORNING RISERS FOR THESE AREAS:**

- ★ Woodlawn—Evans—Iowa Avenue Area
- ★ 20th Avenue Place, Coralville
- ★ 6th Avenue—7th Avenue—G Street, Iowa City
- ★ E. Bloomington—E. Davenport Area

**APPLY AT THE CIRCULATION DEPARTMENT**

# 111 COMMUNICATIONS CENTER

# OR PHONE 353-6203

## Musical Instruments

**WANTED**  
Responsible family to make small monthly payments on Story & Clark Organ. Can be seen in this area. Write Credit Mgn., Music Center Inc., 3629 E. 14th, Des Moines, Iowa 50313

NEW and used musical instruments, Amps, PA systems and accessories at discount prices. Acoustic, Peavey, AKG, Shure, Phase Linear, E.V., Altec, JBL, etc. Special discount prices on all drums, Zildjian cymbals, and percussion stuff. Advanced Audio, 807 E. Burlington, 12-15, 3-30-72, daily, or call 337-4919 for appointment. 12-5

NEW and used (10) guitars, coming soon, a shipment of used dealer demonstrators in "new" condition: Fender, Gibson, Guild, Martin, Ovalion, Gretsch, etc. Call for special needs. Advanced Audio. Call after noon, please. 11-20

CONN Flugelhorn, like new condition. \$330 new, will sacrifice. Phone 351-7955. 10-26

TRUMPET—Silver Flair (King). Good condition, fair price. Call 353-1393. 11-1

FOR sale—Ovation, metal bodied National and two electric guitars. 807 E. Burlington. 337-4919. 10-31

GIBSON six string electric guitar, with hard shell case. Two (2) Jensen column speakers, with stands. Getzen Flugelhorn, with double trumpet-flugelhorn case. 354-1966.

## Misc. for Sale

PLAYBOYS—1967 present, 58 is issues! Intact. Best offer! Call 337-5485. 10-25

PAIR black walled snow tires, 7.00x14, used one winter, \$20. Asorted parts for 1964 MG Midget. 351-2616. 10-25

LEATHER goods—Choose your own designs. Free delivery. Leathercrafters, 351-5316. 12-7

FRIGIDAIRE refrigerator—Good working condition. Best offer. Red Carpet Travel. 351-4510. 10-26

ONE season ticket to Hancher Auditorium—Zone 1, all three series, eleven tickets, \$30 student price. 645-2983. 10-26

VACUUM CLEANER SERVICE—Hard to get parts for Kirby, Hoover, Eureka, Electrolux, Filter Queen.

WE SERVICE ALL MAKES—Bags, belts, brushes, hoses for all Iowa City's best supplied shop. Hawkeye Vacuum and Sewing Center, 1121 S. Gilbert. Open 9 a.m.-6 p.m. 338-9158. 11-6

KIRBY VACUUMS—Ideal for shag carpet. Originally sold for over \$269, can be purchased, \$77.50. Terms: Hoover, Eureka, Kirby, Filter Queen, terrific selection, low prices. Dozens of machines to choose from. Hawkeye Vacuum and Sewing Center, 1121 S. Gilbert. Open 9 a.m.-6 p.m. 338-9158. 11-6

**RESUMES PRINTED**  
100 copies, \$4  
You provide camera ready copy

**COURIER PUBLISHING**  
108 Second Avenue, Coralville

USED vacuums, \$10 and up. Guaranteed. Dial 337-9060. 12-6

TV—Black white GE. AC DC 12 inch. Great picture. Best offer. 337-5979. 10-24

AZTEC speakers, big, \$50; BSR turntable, \$50; Martin guitar, \$200; almost new. 337-5022, 9 a.m. to 2 p.m. 10-25

ALLIED 60 watt AM-FM stereo receiver amp. Best offer. 353-0783. 11-1

SANSUI 8 stereo receiver, four months old. List \$529, will sell for \$350. 354-2090. 11-1

SONY 630-D tape deck, one year old. \$225 or best offer. 354-1840. 10-27

**CHRISTMAS CARDS**  
Hundreds of beautiful designs to choose from. Pegasus, Inc., 19 1/2 S. Dubuque. 10-13

## Child Care

CHILD care in my home, experienced. Coralville. 351-0443. 11-2

JACK & Jill Nursery School offers a complete preschool program by certified teachers for day care students, 1214 Highland Court, Dial 338-3890. 11-14

BABY sitter wanted, my home, 12:30-5 p.m. Monday, Thursday afternoons. Call 351-1130. 10-12

**WANTED**—Sitter with children of like age for seven-year-old girl after school. Must live within walking distance of Sabin School. Call 351-4062, evenings; all day weekends. 10-11

## Duplex for Rent

MODERN, single bedroom for serious student. Large, clean, quiet, reasonable. Fully furnished or unfurnished. Coralville area. 351-6222; 337-2693. 10-27

## Autos-Domestic

1962 Corvair Van—Needs starter, motor. Best offer over \$100. 338-1497. 10-27

## LOW COST AUTO INSURANCE

All Ages and Driving Records Pay Monthly if desired We issue SR22 Filings

Darrell Courtney, 338-6526 American Family Insurance

1965 Rambler—Radio, heater, 48,000. Excellent traveler. Economical. \$450. 353-1894. 11-1

**LUXURY-PLUS THUNDERBIRD!**  
1967 cu. in. powered 1968 black vinyl-topped Landau with gunmetal gray body. Impeccable burgundy interior with all the extras. Power steering and brakes, radio and factory tape deck, swing-away steering wheel, speed control, power windows and door locks, factory air cond., walnut trim plus the truly unique Thunderbird feeling. \$2400.

This automobile has been well kept and cared for. For information, write to: The Daily Iowan, Box 26

## Autos-Foreign-Sports

1963 VW—1964 engine. Needs work. 351-6130 after 5 p.m., Kurt. 10-28

1966 Volkswagen Bus—Excellent condition, rebuilt engine. 683-2554, toll free. 11-3

1972 Capri—2000cc, sunroof, deluxe interior, 11,000 miles. List \$3,100; will negotiate. 354-2090. 11-1

1969 VW Fastback—AM-FM radio, 49,000 miles; 20,000 miles on engine. Excellent condition. Retail price, \$1,325; wholesale loan value, \$975. Make reasonable offer. Phone 354-2358. 10-25

1971 Toyota—Excellent condition. AM-FM stereo radio-tape deck. 351-6641 after 5 p.m. 10-31

MODIFIED 1969 Cougar XR7 convertible. Leather throughout. Must sell. 338-4798. 10-24

MUST sell 1966 T-bird. All power, low priced, offer. 337-4491. 11-6

## House for Rent

TWO-bedroom home, garage. 803 7th Avenue, Coralville. Married couple. \$175. 338-5905; 351-5714. 12-1

## Cycles

NEW Honda 750-K2. Metallflake orange. Warranty. Sell, trade. \$1,500. 338-4798. 10-24

STARK'S Honda—No extra charges. CB500cc Hondas, \$1,195. 350cc Hondas, \$682. We will not be undersold. Call 328-2331. All other models on sale. No extra charges. Stark's Sport Shop, Prairie du Chien, Wis. 10-30

## Rooms for Rent

REAL nice single, double, \$50, \$45, close in. Laundry, kitchen, deposit. Call 351-6996 after 6 p.m. 10-30

AIR conditioned, unapproved, furnished, single rooms for men. Across street from campus with cooking facilities, \$55. Jackson's China and Gift, 11 E. Washington. 337-9041. 11-27

NEED mature male student to share large partitioned room located at 125 River St. near Law, Art, Music and Medical Colleges. \$55 and \$65. 337-4464; 338-4845; 337-9052. 10-31

**Roommate Wanted**  
GIRL share nice two-bedroom, two-bathroom mobile home. Call 351-5997. 10-27

FEMALE to share log cabin, North Liberty, \$55. 351-2798. 10-25

MALE—Close in, furnished, luxury apartment, \$80. 354-1842 after 5 p.m. 10-24

FEMALE to share farmhouse, three acres, chores in Iowa City. Bus line. \$30. 337-9906. 10-31

SHARE—Four bedroom house with mature students. Own room. \$65. 510 7th Avenue, Coralville. 351-8519. 10-30

MALE—Share luxurious Coralville apartment. \$72.50 plus one third utilities. 351-1886. 11-22

FEMALE—Quiet, one-bedroom apartment. Near bus. 354-1911 or 351-4844. 11-3

## Bicycles

ONE year—Good man's Raleigh Record, \$65. After 5 p.m., 351-3354. 10-27

10 speed bicycle—Raleigh (Super Course). After 4 p.m., 338-9669. 10-24

20-INCH bicycle—Tires worn but otherwise O.K., \$15. 353-2497. 10-25

## Pets

FOR sale—Chocolate Siamese kitten, male, shots, papers. Phone 351-1157. 10-30

FREE kittens—Eleven weeks old. Call 351-3251 after 6:30 p.m. 10-24

AKC Westie pups—Shots, nine weeks, \$75. Call Mt. Vernon, 895-8721. 10-27

ADORABLE free kittens, litter trained. 1-643-5954 after 6 p.m. 10-27

BEAUTIFUL Boxer puppies for sale, AKC. Dial 351-5199. 10-26

SHETLAND Sheepdog (miniature Cottie). Ideal family pet. Mt. Vernon, 1-895-6208. 10-24

PROFESSIONAL dog grooming—Puppies, kittens, tropical fish, pet supplies. Brennerman Seed Store, 401 S. Gilbert. 338-8501. 12-5

AKC Champion Labrador puppies, 11 weeks old. EXCELLENT field, raised with children. CHEAP. 338-0474. 11-19

FREE—One male black-white striped kitten. Litter trained. 337-2882. 10-39

## Antiques

LAST week! Half price on everything. Alley Antiques—413 E. Burlington. 10-27

CHINA, washbowls, pitchers, primitives, commodes, lamps, wheels. 1324 Kirkwood. 11-14

FOR sale—Homecoming team badges, year 1922. \$5.00. Will trade. Phone 338-1780 or 353-3981.

WINE Barrel, 606 S. Capitol. Furniture, primitives, glassware. Dial 351-6061. 10-26

RAY'S Antiques—Buy and sell. Primitives, glass, collectibles, furniture. 8 a.m.-5 p.m. daily; 8-12, Saturday. 315 Kirkwood Ave. 10-25

## Wanted to Buy

SIXTEEN or twenty inch bicycle with training wheels, good condition. 351-4060.

FREEZER—Inexpensive. Prefer small or medium sized upright model but flexible. 351-7300, keep trying. Or leave number at 337-9169. 11-14

LITTLE WANT ADS GET BIG RESULTS!

## Typing Services

Typing—Electric, accurate, experienced. Reasonable rates, close to campus. 338-3783. 12-7

ELECTRIC typing—Fast, reasonable. Papers, theses, etc. 351-9474, afternoons-evenings. 11-3

Typing—New IBM Selectric. Carbon ribbon. Former University secretary. 338-8996. 12-5

ELECTRIC—Fast, accurate, experienced, reasonable. Call Jane Snow. 338-6472. 11-20

ELECTRIC—Former secretary and English teacher, accurate. Close in. 338-3783. 11-14

ELECTRIC typewriter—Theses, manuscripts, letters, term papers. Phone 337-7988. 11-14

Typing—Theses, term papers, etc. IBM Electric, carbon ribbon. 338-8075. 11-1

GENERAL typing—Notary Public. Mary V. Burns, 416 Iowa State Bank Building. 337-2656. 11-10

ELECTRIC with carbon ribbon, ten years experience. Theses, short papers, manuscripts. 338-5650. 11-10

JERRY Nyall Typing Service—IBM Electric. Dial 338-1330. 11-10

ELECTRIC typing, carbon ribbon, editing, experienced. Dial 338-4647. 11-6

YOU write'em. I type 'em. Fast, experienced. Arlene. 338-4478. 11-1

FAST, experienced, reasonable. Dissertations, term papers. English, foreign. 338-6509. 10-31

IBM Pica and Elite—Carbon Ribbons, reliable. Jean Allgood. 338-3393. 11-22

IBM Electric Typing—Theses, manuscripts. Experienced. Dial 337-9811. 11-1

IBM Executive—Carbon ribbon, theses and short papers. Experienced. 338-9947. 11-2

## Mobile Homes

10x47 Homette—Good condition. Call after 4 p.m., 338-8563. 10-25

TRAILER for sale, \$500. Call 351-0340, evenings. 10-31

MOVING—Must sell, 8x45 Buddy. Air, carpeting, shed, many extras. On bus line. 338-6520. 10-30

ONE-bedroom 1960 Hilton, 10 wide. Bar, new carpeting, air, furnished. Beautiful lot, immediate occupancy. First reasonable offer. 337-9766. 10-24

8x48—Excellent condition, carpeted, air, furnished, reasonable. 354-2300 after 5 p.m. 11-20

1967 Homette 12x60—Unfurnished, skit, shed, air conditioner. 351-4493. 10-25

## Who Does It?

STEREO, television, repairs; very reasonable rates; work guaranteed; Mally: 351-6896; 337-9759. 12-7

CHIPPER'S Custom Tailors, 124 1/2 E. Washington. Dial 351-1229. 12-4

ARTIST'S portraits—Children, adults. Charcoal, \$5. Pastels, \$20. Oil from \$85. 338-0260. 11-23

TV Service—At minimum flip-out prices. Custom Electronics, 413 Kirkwood Avenue. 351-6668. 11-16

HAND tailored hemline alterations. Ladies' garments only. Phone 338-1747. 11-22

REGAL TV Electronic Service. Call anytime, 351-8224. 11-13

WE repair all makes of TVs, stereos, radios and tape players. Helbe and Rocca Electronics, 319 S. Gilbert St. Phone 351-0250. 11-10

FLUNKING math or basic statistics? Call Janet, 338-9206. 10-30

HANDCRAFTED wedding bands, jewelry. Exclusively designed for you. Reasonably priced. Metal-smithing graduate. 338-3965, Terry. 10-24

WINDOW washing—screens down, storms up. Albert A. Ehl, dial 644-2329. 10-27

CRAFTSMAN desires commissions for wedding bands, jewelry. Very reasonable. Experienced. Call Tricia, 683-2554, toll free. 10-27

## Our classified ads are for your convenience

## Apt. for Sale

SIXTEEN (16) unit apartment house at 340 Ellis Avenue near University of Iowa activity. Will sell or exchange brick construction with good rental history. MAAS & ASSOCIATES 5301 6th Street S.W. Cedar Rapids, Iowa Office: 366-7305; home, 366-1984 (Cash flow should pay tuition and living expenses while at University of Iowa). If interested, make an offer soon as this property will be sold. 10-26

FOR sale—Condominium apartment at 228 S. Summit. Larew Realty, 337-2841. 11-2

## Apts. for Rent

DOWNTOWN—Spacious, furnished apartment, suitable three students. No pets. 338-8587. 12-7

THE Loft Apartments—New, one bedroom. Furnished, carpeted, air conditioned. No pets. Coralville. 351-0764; 351-7085. 10-27

SUBLEASE two-bedroom unfurnished apartment, \$170 monthly, plus electricity. 354-2219. 11-2

FURNISHED, for one person. Close in, \$105, utilities paid. 354-1842. 10-26

ONE bedroom apartment, \$110. No pets. Larew Realty, 337-2841. 11-9

EFFICIENCY, furnished, carpeted. Four blocks to campus, \$100 monthly. 3 E. Prentiss, Apt. 2. 10-25

VALLEY FORGE Best deal in town. Large rooms, good location, on bus, near shopping, 2048 Ninth St. in Coralville. SPECIAL DEAL FOR STUDENTS & STAFF. 338-0980. 12-4

CAMPUS VIEW—NEWER TWO-BEDROOM APARTMENT. FURNISHED UNFURNISHED. \$160. 337-7818. 11-20

FOUR girls can rent a two-bedroom apartment at Seville for \$50 each per month. Phone 338-1175. 12-1

NEW, unfurnished apartment. Downtown, one bedroom, carpeting, air conditioning. All electric kitchenette. Lease \$160. Call 337-7889 after 1 p.m. 10-26

TWO-bedroom furnished apartment. Seven blocks from Pentacrest. Disposal, carpeted, air conditioned. \$200. Available November 1. Phone 337-9041. 11-22

GETTING MARRIED? ALL UNDER ONE ROOF. Come, see what we mean today. Just for you: Indoor pool, utilities paid, direct bus service, carpeted. Single student suites, \$85 to \$125; married couples, \$130. No pets or children. THE MAY FLOWER APARTMENTS 1110 N. Dubuque St. 338-9709

FOURPLEX—Two bedroom duplex apartment. Furnished or unfurnished. Includes central air, dishwasher, free washer, dryer. Starting at \$165 plus utilities. 705 20th Avenue, Coralville. 351-5442; 351-2324. 10-23

FOR rent—Three room apartment. Black's Gaslight Village, 422 Brown Street. 11-16

CLOSE in, furnished, one bedroom apartment. Utilities except electric. 337-2022. 11-8

ELMWOOD Terrace, Apartment 7, 502 5th Street, Coralville—Large, one bedroom, furnished, carpeted, no children or pets, married couple. Utilities furnished, \$150. 338-5905; 351-5714. 11-6

## Lost and Found

FOUND—Vicinity of Dubuque and Prentiss. Male puppy, part German Shepherd. Mostly brown with black face. 354-2974. 10-26

BLIND poodle lost—Small, shaggy, gray, named Pedro. 351-0071; 353-5956. 10-23

LOST—Diamond engagement ring, N. Linn vicinity. Reward. Dial 337-3037. 10-24

## Jack Keller has them all

# Save those badges

By BARTLEY RIPP  
Sports Editor

They call it Old Cap Week now, but for those of you who don't have any worn Cardinal caps or used root beer bottle tops lying around, it's till homecoming. The bonfires are no more and the tux business isn't picking up, but for two bits you can still get a homecoming badge.

Most people wear their button for a week, then toss it in a drawer after the game. Jack Keller is the building superintendent of the Union and he is one of a group of people in Iowa City whose hobby is collecting homecoming buttons.

I saw Jack's collection the other day and it's a beauty. The snake-eyes of Jack's collection are two from the 1912-1922 period when the badges consisted of a large button with the coach and all the players' head shots on it, with a black and gold ribbon below it, like the Croix de Guerre.

Another interesting one is the 1943 badge. It's cardboard—there was a war going on and metal was as precious as

butter then or clean water now. Jack Keller's an Iowa City born and raised—he was reared at River Terrace—that's 9 E. Burlington St. now—those grey wooden blocks across from Dividend. When Jack was a boy, it was only four blocks from old Iowa Stadium—located by the present water plant.

"My dad was a professor of mechanical engineering," Jack remembers. "Every year he would bring home a homecoming badge for me. He was quite a guy. If I could be only 1/4 of the man he was, I would be doing all right."

"I somehow misplaced all of those badges, but through friends, I've re-acquired most of what I had, and then some. I used to keep them in a jar in the basement, but one day my wife said, 'bring them up,' and she mounted them."

Today, Keller's collection is mounted on a black bathroom rug and it is quite impressive.

"People coming into the house saw them and added to my collection. It got to be a disease in the days of Evashevski. I don't have \$15 in all the buttons, but by trading and a

heckuva lot of nice people who brought me buttons. I have the collection up to its present state."

Antique shops ask 10 or 15 dollars for some of the rarer badges, but Jack says, "I would never sell my set. I've bought buttons, but never sold one."

"There are some people who have a more complete set than I do," the friendly Jack continued. "Leroy Hester, who's a custodian here in the Union, has a complete set. There are 15 or 20 complete sets in Iowa City."

"I'm still trading and have duplicates for people who are interested. It's an interesting hobby and it isn't expensive."

Keller told me Mrs. Jack White, the lawyer's wife, has a large collection, but I had trouble getting in touch with her. So did Jack Keller. "I called her once," he said, "to get together and trade or talk about our collection. When she answered the phone, she said 'I can't talk now. Having a wedding tomorrow. Call me in two months.'"

Jack attended the University in the late 30s and he remembers homecoming then like it was, well, if not yesterday, then during the Nagel reign.

"There was always a monstrous bonfire and big snake dances all through the town and in the theatres. It didn't bother anyone—people grew to expect it. Cheerleaders would get on top of stop-and-go lights and lead cheers."

"This town was electrified by the Iron Men of '39," Jack continued. "And those two Rose Bowl years with Evy were something. You know, Evy was considered as a Democratic candidate for governor, that's how much power and respect he had. He had this whole state right in his hand. If you went somewhere else in the state, people would say, 'Oh, you're from Iowa City. I wish I was there.'"

Someone came in to buy some buttons and Jack got to looking at his collection. "Please be sure to thank all the people who have helped me over the years with my collection," he said.

He looked at the mass of black and gold discs again and said, "Something that's nice about the buttons is you get thinking about what you were doing then."



A sampling of Keller's collection, including a rare player badge from 1922 and a 1959 Rose Bowl pin

—photo by Tappy Philips



Jack Keller, Iowa Hawkeye fan and homecoming badge collector

## Tanner manager of year

NEW YORK (AP) — Chuck Tanner charmed moody Dick Allen into a happy slugger and molded the lowly Chicago White Sox into pennant contenders to be named 1972 Manager of the Year in the American League Monday.

The 43-year-old Tanner outpooled Eddie Kasko of the Boston Red Sox in a vote of sports writers and broadcasters conducted by The Associated Press. Dick Williams of world champion Oakland finished fifth.

Tanner received 213 votes to Kasko's 140 in the poll, which was based on the regular season

and voted upon prior to the opening of league playoffs.

Billy Martin of the Detroit Tigers was third with 66 votes, followed by Ralph Houk of the New York Yankees with 38 and Williams with 24.

Tanner, a former Milwaukee Braves' outfielder, was hired by the White Sox three weeks from the end of the 1970 season after managing the Hawaii Islanders to minor league power.

Chicago was finishing off a disaster year with a 56-106 record in a year that saw the Sox draw only 589,891 fans—lowest in the majors—amid talk of shifting the franchise.

## Scout's reports aid A's

OAKLAND (AP) — The Oakland Athletics operated in strange ways to win the World Series—starting with their scouting report on the Cincinnati Reds.

The man who trailed the Reds in the final days of the regular season was the same scout who once decided Gene Tenace wasn't worth looking at.

Vern Hoscheit, one of the A's coaches, pointed at 64-year-old Al Hollingsworth in the team's clubhouse at Cincinnati's Riverfront Stadium after Sunday's title-clinching victory and said, "If this man doesn't get the credit he deserves, it's a shame."

Owner Charles O. Finley and manager Dick Williams agreed. "It was one of the most amazing scouting jobs in base-

ball history," said Finley.

With that kind of praise coming his way, and with a bottle of celebration champagne in his hand, Hollingsworth didn't mind telling the story about him and Tenace, the A's catcher who slugged four World Series home runs against Cincinnati.

"I was scouting for the Houston Astros at the time and I went to Portsmouth, Ohio, to look at a kid named Larry Hise," the white haired scout said.

"I'd heard that Tenace was a prospect. He lived right down the road, in Lucasville, and I was going to take a look at him. But I bumped into some scouts from other teams at a motel and they told me, 'Don't bother looking at Tenace. He'll never make it.'"

"I took their word for it," Hollingsworth admitted.

**DIAPER SERVICE**  
(5 Doz. per Week)  
—\$12 PER MONTH—  
Free pickup & delivery  
twice a week. Everything  
is furnished: Diapers, con-  
tainers, deodorants.  
**NEW PROCESS**  
Phone 337-9666

**DUAL SALE**  
at  
**Woodburn**  
Stereo Headquarters  
218 E. College

## Tenace difference in Series

CINCINNATI (AP) — Baseball's world championship belongs to the Oakland A's and you can color it green and gold.

Those are the colors of the garish uniforms in which owner Charles O. Finley dresses his ball club. Other teams joke that the A's look like your neighborhood softball team but they're not laughing at the job Oakland did on Cincinnati.

In the end of the seven-game showdown for the world title, the difference was Gene Tenace. And that figured, because it was Tenace who was the difference in the very beginning of this series too.

Tenace, a .225 hitter with 32 runs batted in during the regular season, turned into a tiger for the Series, batting .348 and driving in nine of the 16 runs Oakland scored.

He tied a World Series record with four home runs, carving his name alongside those of four other players including Babe Ruth in the classic record book.

Tenace, usually a catcher, but used at first base in the seventh game, homered in his first two Series swings. But he used a bad-hop single and a two-base hit to drive in key runs for the A's in the 3-2 seventh game victory.

**LIVERY STABLE**  
rent-a-car  
Pardner,  
call 351-4404  
for our low  
neighborly rates!



green unlimited to spend to save to enjoy independence no routines freedom from the dull further 22% our top agents began on campus successful careers try yourself try insurance counselling check our campus program

**PROVIDENT MUTUAL**  
LIFE INSURANCE COMPANY  
OF PHILADELPHIA

Federal Savings & Loan Building  
Corner—College & Clinton  
338-3631

Erwin L. Redmiles  
Agency Manager  
Richard I. Kaye  
Campus Supervisor  
Gerald E. Lehman  
Gary K. Hansen  
John Connors  
Robert Buchta  
John W. Krahe

## A TOAST TO THE IOWA HAWKEYES



**FALSTAFF BEER.**  
BECAUSE WE'RE ALL IN THIS TOGETHER

**Oxford Beverage Co., Inc.**  
Oxford, Iowa

(The Stereo Shop's \$439 stereo system)  
**More than you expect for less than you expected**



Stereo systems in the \$400 price range, while not unpleasant to listen to, have not as a rule provided that last bit of musical accuracy for those who take their listening very seriously. Our \$439 Advent-Sony-BSR-Shure stereo system has changed all that, as many of our critical and satisfied customers who own it will testify.

The smaller Advent loudspeakers are a startling speaker bargain, of which highly respected Stereo Review magazine said, "Any preconceived ideas you may have about the limitations of sub-compact speaker systems will, we think, be shattered." The Sony 6045 AM-FM stereo receiver provides sufficient power (over 50 RMS watts of it) to handle the most tortuous musical passages in the average living room, and its sensitive tuner will capture your favorite radio stations with clarity. The BSR 310X automatic turntable with a Shure M75 cartridge and diamond stylus will treat your records gently and add no unpleasant sounds of its own.

Together, these remarkable components cost just \$439—a savings of \$41 over their usual individual prices. If you've thought that a stereo system in this price range couldn't provide quite enough sonic satisfaction, we invite you to visit The Stereo Shop and learn otherwise.

**Congratulations & Thank You to our Grand Opening Winners**

1st Prize BSR \$190 stereo system  
Mike Shanley, 612 E. Court

2nd Prize Koss Pro 4AA Headphones  
Julie Martens, 603 N. Dubuque

3rd Prize Shure M91E Cartridge  
Roger Smith, 514 S. Lucas

**The STEREO Shop**

409 Kirkwood 338-9505

Quality Sound through Quality Equipment

**PLEASE . . .**  
Do not put signs on utility poles!

Political campaigns are important, we know . . . but nails, tacks and staples are extremely dangerous to our linemen. They depend on their spurred boots cutting into the wooden pole to provide sure-footed climbing.

Our linemen are working to keep your service at its best. We hope you will help us keep them safe!



**IOWA-ILLINOIS GAS AND ELECTRIC COMPANY**



## Tenace difference in Series

CINCINNATI (AP) — Baseball's world championship belongs to the Oakland A's and you can color it green and gold.

Those are the colors of the garish uniforms in which owner Charles O. Finley dresses his ball club. Other teams joke that the A's look like your neighborhood softball team but they're not laughing at the job Oakland did on Cincinnati.

In the end of the seven-game showdown for the world title, the difference was Gene Tenace. And that figured, because it was Tenace who was the difference in the very beginning of this series too.

Tenace, a .225 hitter with 32 runs batted in during the regular season, turned into a tiger for the Series, batting .348 and driving in nine of the 16 runs Oakland scored.

He tied a World Series record with four home runs, carving his name alongside those of four other players including Babe Ruth in the classic's record book.

Tenace, usually a catcher, but used at first base in the seventh game, homered in his first two Series swings. But he used a bad-hop single and a two-base hit to drive in key runs for the A's in the 3-2 seventh game victory.

n, including a rare player  
22 and a 1959 Rose Bowl pin

—photo by Tappy Phillips

## ts aid A's

id Finley.  
d of praise com  
d with a bottle of  
mpagne in his  
sworth didn't  
story about him  
e A's catcher  
ur World Series  
st Cincinnati,

"I'd heard that Tenace was a prospect. He lived right down the road, in Lucasville, and I was going to take a look at him. But I bumped into some scouts from other teams at a motel and they told me. 'Don't bother looking at Tenace. He'll never make it.'"

"I took their word for it," Hollingsworth admitted.

**DIAPER SERVICE**  
(5 Doz. per Week)  
—\$12 PER MONTH—  
Free pickup & delivery  
twice a week. Everything  
is furnished: Diapers, con-  
tainers, deodorants.  
**NEW PROCESS**  
Phone 337-9666



**24 12 oz. bottles**  
**\$4.09 plus dep.**  
**SCHMIDT**  
6 pak big mouth bottles

89c ICE COLD

order your keg now  
for homecoming

**KWIK SHOP**  
1814 Lower Muscatine  
337-3519

## LIVERY STABLE

rent-a-car

Pardner,  
call 351-4404  
for our low  
neighborly rates!



green  
unlimited  
to spend  
to save  
to enjoy  
independence  
no routines  
freedom from the dull  
further  
22%  
our top agents  
began  
on campus  
successful careers  
try  
yourself  
try  
insurance counselling  
check our campus  
program



Federal Savings &  
Loan Building  
Corner—College & Clinton  
338-3631

Erwin L. Redmiles  
Agency Manager  
Richard I. Kaye  
Campus Supervisor  
Gerald E. Lehman  
Gary K. Hansen  
John Conners  
Robert Buchta  
John W. Krahe

**SALE**  
burn  
quarters  
College

m)  
ect  
ected

over 50  
he most  
in the  
ensitive  
te radio  
R 310X  
ure M75  
us will  
add no

e com-  
rings of  
prices.  
system  
provide  
ion, we  
hop and

505  
quipment

## PLEASE . . .

Do not  
put signs on  
utility poles!

Political campaigns are important, we know . . . but nails, tacks and staples are extremely dangerous to our linemen. They depend on their spurred boots cutting into the wooden pole to provide sure-footed climbing.

Our linemen are working to keep your service at its best. We hope you will help us keep them safe!



# Outsmart ol' man winter.



You can win  
the starting  
game. If . . .

You care for your car. Proper car care maintenance now can defend your car against starting troubles—keep it running right—all through the cold, damp weather ahead. And reduce harmful auto emissions, too.

Tuesday, Oct. 24, 1972  
Car Care Supplement

## THE DAILY IOWAN

# Put Yourself Back in the Driver's Seat

## Make Motoring a Pleasure Once More with Car Care And Safe Driving Habits

If you drive a car, you have more than the steering wheel in your hands.

As a motorist, your actions or lack of action can help determine the state of the motoring world in which you drive. And in doing so, you can make owning and operating a car a happier proposition.

In the simpler world a generation or so removed, car ownership was a relatively uncomplicated matter. Laws governing the automobile mainly dealt with its safe operation and licensing.

It is almost superfluous to note that things have certainly changed. Today, hardly a week passes that some legislative body is not weighing the passage of a new restriction on car ownership or car manufacturing. It's practically a full-time activity keeping up with new developments.

Reasons for this fixation on the car are not difficult to fathom. Traffic fatalities and injuries continue to remain at the same dismally high levels. Damage to the environment, resulting from vehicle emissions remains a serious problem.

While the auto makers have made and are continuing to make dramatic strides in solving these problems, the man and woman behind the wheel have demonstrated little interest in carrying their share of the burden.

If this were not so, why do half of the cars undergoing simple vehicle safety checks fail in at least one critical component? If this were not so, why do three out of every five cars require simple engine maintenance that could reduce harmful emissions by a startlingly high percentage?

This lack of maintenance on the part of the car owner could almost be understood, if it were merely a matter of civic pride or good neighborliness.

It is obvious that self preservation ranks head and shoulders above concern for one's fellow man.

But caring for one's car pays handsome dividends in helping oneself. Perhaps the concern for one's family's safety is not that tangible an idea. It's comforting to believe "It can't happen to us." The non-use of seat belts is but one example of this apparent lack of concern.

On a dollar and cents basis, car care does pay tangible dividends. That low-emission tune-up will do more than help clean up the air. It will also save on gasoline consumption and on time and money expended when the car won't start.

Simple, low-cost procedures such as changing oil and filter and lubrication on a regular basis can forestall costly engine and drive train repairs. Cooling system attention can prevent mishaps that in some cases would ruin an engine completely.

Attention to the cleanliness and soundness of the car's body actually can mean several hundred dollars more at trade-in time.

But perhaps if each of us were to care for our cars and drive them safely another bonus could befall us. Taking the automobile out of the problem area takes it out of the legislative arena. The long list of "thou musts" and "thou shall nots" could even dwindle to a mind-easing level.

Who knows, a lot of the pleasure of owning and operating an automobile might reappear.

Take the first step by bringing your car into your favorite service outlet for a thorough check-up.



**THAT OUGHT TO FIX IT** — A minor adjustment on the steering mechanism finishes off the job of pre-winter maintenance on this youngster's car. His dad's vehicle is on the nearby rack, getting ready for the months of rough driving conditions ahead. Now's the time to get your car in shape, too, for care-free winter motoring.

# Made for each other!

Your imported car and

## MICHELIN

### STEEL BELTED RADIALS

FOR FAMILY CARS we recommend

#### MICHELIN ZX

Built to meet the specifications of your imported station wagon or family sedan. This radial assures long wear...fast braking...smooth comfortable ride...resistance to wear.

FOR SPORTS CARS we recommend

#### MICHELIN XAS

Built with asymmetric treads to make the most of your high performance car's special features. Superior performance even at sustained high speeds. Straightline stability, precise cornering control even on wet roads.



**MICHELIN MAKES THE DIFFERENCE!**

World's First Steel Belted Radial Tire

Other Michelin radial tires designed for special cars. Come in for expert assistance.

## SPENLER TIRE SERVICE

140 Hiway No. 1 South  
338-9481

YOUR MICHELIN RADIAL TIRE SPECIALIST

**FREE!**

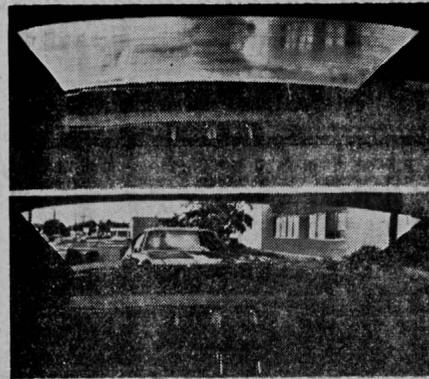
**CAR WASH**  
with 15 gallons  
DX gasoline!



**TUES. — WED. — THURS.**  
and  
after 6 p.m. Free with  
any fill!!

**BUDGET CAR WASH**

1025 S. Riverside 337-5041  
8 a.m. to 8 p.m.



Adding more safety to glass is the rear window that keeps a fog-free surface when heated, aiding good rearward visibility.

## Styling is Now Added To Auto Safety Glass

If you remember when flying glass brought many injuries in automobile accidents, when all car glass was flat, or when no car had tinted glass, don't automatically classify yourself as an old fogey.

It was only 40 years ago that safety glass started becoming an accepted part of motoring. And it has only been since World War II that cars started having most of the glass styling and comfort features taken for granted today.

The automotive glass story really started in 1929. This was when laminated glass, composed of two glass panels separated by a plastic interlayer (the construction used in windshields today) was developed. Tempered glass, the heat-strengthened single glass panel now used for all side and rear windows, was not introduced until 1935.

It All Began in 1910  
Actually the idea of a glass-and-plastic lamination, in which glass particles adhere to the plastic when the glass is fractured, began in 1910. That's when a Frenchman named Edouard Benedictus stumbled onto the idea of using celluloid as a clear binder for two glass panels. He accidentally dropped a flask containing a dried-out cellulose solution, and was amazed when the flask didn't shatter.

In the mid-30's, safety glass became standard for windshields and vent windows, but was an option on other auto glass areas. Many motorists rejected the option because it originally cost \$50 more to equip side and back windows with safety glass. As manufacturing techniques were perfected, safety glass became the low-cost material it is today, and became mandatory in all car window areas.

Along with its now prominence as a safety feature, safety glass also became important as a styling feature. Auto glass through the 1930's was flat, leading to some claims that the windows looked like "holes punched in the auto body." But in 1939 came the first car glass with a curve: the back window, contoured to help air flow over the back of the moving vehicle.

War Interrupted  
World War II interrupted automotive production, but new-found ways to curve glass for wartime airplanes paved the way for curved glass in peacetime cars. Windshields started being curved in the 1940's with simple bends in the old two-

### Maintenance Hints For Windows, Windshields

The following suggestions for auto glass maintenance are offered by Karl K. Alberti, auto glass replacement manager for Libbey-Owens-Ford.

- **KEEP WINDOWS CLEAN.** A dirty windshield, rear window or sidelights impairs vision. Dirt accumulation may form a grit that scratches the glass when it is wiped.
- **KNOCK ICE OFF WIPER BLADES** in winter, to maintain the efficiency of the wipers.
- **REPLACE BROKEN OR CRACKED** windshields immediately. Clear, unobstructed vision is important at all times.
- **NEVER USE ABRASIVE CLEANERS** such as rubbing compound on the inside of the rear window if it is the defogging type. The lines on the glass surface carry an electrical current and damaging them can break the circuit.
- **DON'T USE GLASS AS A HANDLE** to slam door. This undue stress may break the glass.
- **INSPECT THE WEATHERSTRIPPING** regularly to prevent scratches from worn-out stripping. If the rolling mechanism binds, have it inspected and repaired to prevent the glass from rubbing internal door parts.

piece windshield with divider bar. Today virtually all automotive glass has a curvature which enhances styling while maintaining good optical quality.

Like curved glass, tinted and shaded glass now seems so much a part of motoring that it's taken for granted. But it was only 23 years ago that cars available to the public could be equipped with blue-green glass for reduction of glare and sun heat gain. Windshields with a band of shading at the top, to give drivers a "sunshade" without blocking vision, did not come until 1951.

Does More Today  
Today automotive safety glass can do more than ever before. For example, there are now heated rear windows which keep the inside glass surface free of fog, as well as antenna windshields which function as the car's radio aerial. These windshields bring in radio signals through wires between the two glass panels, and eliminate the need for the regular antenna rod.

## Don't Be '1 Here's How

Every few seconds, someone is injured by a car — and in the time it takes for a coffee break, someone dies on the highway! The National Safety Council points out that faulty vehicles contribute to at least 10% of highway accidents... and rust is often the chief villain.

But many problems caused by rust can be detected and corrected ahead of time. Know how? Experts at Ziebart Process Corporation have answered this list of common questions from car owners:

1. I keep my car in a heated garage in winter, yet I have more trouble with rust than ever. Why is this? A heated garage can actually increase rusting by as much as 300%. According to a University of Manitoba survey, ice on the car melts and becomes water, the electrolyte that completes the electrochemical circuit necessary for rusting.
2. Are there any areas in the U.S. or Canada where because of climate there is no rust problem? There is no area where rust is not a problem. It is less in arid areas because moisture must be present for rusting to take place.
3. Does frequent washing

## Body-Pain Key to Q

The body and paint shop you look for is the one with the facilities that will give you a good-as-factory finish. How to qualify a good shop? Simple!

An outstanding paint shop will have a good reputation. A few well placed questions among close friends and business acquaintances will bring forth some interesting facts regarding quality of work, service and price.

Insurance companies are another excellent source for determining the best paint and body shops in town. About 85% of the body rebuilding and refinishing business is done on a bid basis with insurance companies. Responsible shops are known by their good reputation for square dealing and top notch workmanship.

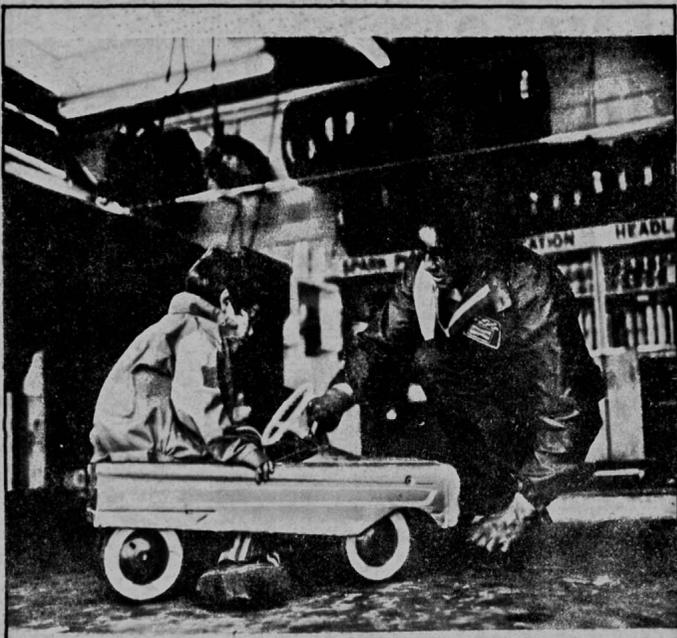
Browse Through Shop  
Browsing through a paint and body shop, one can further qualify it. Out in the shop notice if they thoroughly clean the car body with clean-off liquid and remove the wax, and if the body is washed underneath? Is the car sanded, primed, masked and all chrome removed?

Look around. What kind of housekeeping is maintained out in the shop? Is there sandpaper lying around in the spray area? This would mean that the dirty dusty sanding operation is done in the spray area. In a good practices shop, the sanding takes place in a remote specified area in order to avoid surface contamination on the job site.

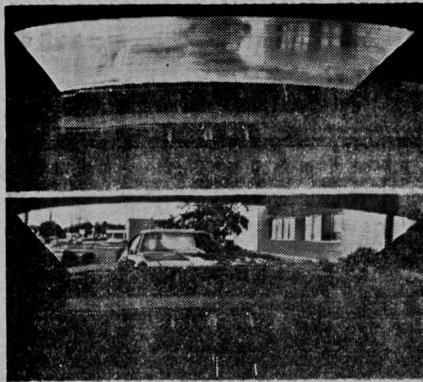
Notice how the painter is dressed. Does he have a clean starched uniform? A soiled, lousy shop coat throws off particles that can mar a wet surface.

How About Temperature  
Is the paint shop equipped with well kept tools? Although the paint spray

# Back in the Driver's Seat



**THAT OUGHT TO FIX IT** — A minor adjustment on the steering mechanism finishes off the job of pre-winter maintenance on this youngster's car. His dad's vehicle is on the nearby rack, getting ready for the months of rough driving conditions ahead. Now's the time to get your car in shape, too, for care-free winter motoring.



Adding more safety to glass is the rear window that keeps a fog-free surface when heated, aiding good rearward visibility.

## Styling is Now Added To Auto Safety Glass

If you remember when flying glass brought many injuries in automobile accidents, when all car glass was flat, or when no car had tinted glass, don't automatically classify yourself as an old fogey.

It was only 40 years ago that safety glass started becoming an accepted part of motoring. And it has only been since World War II that cars started having most of the glass styling and comfort features taken for granted today.

The automotive glass story really started in 1929. This was when laminated glass, composed of two glass panels separated by a plastic interlayer (the construction used in windshields today) was developed. Tempered glass, the heat-strengthened single glass panel now used for all side and rear windows, was not introduced until 1935.

It All Began in 1910  
Actually the idea of a glass-and-plastic lamination, in which glass particles adhere to the plastic when the glass is fractured, began in 1910. That's when a Frenchman named Edouard Benedictus stumbled onto the idea of using celluloid as a clear binder for two glass panels. He accidentally dropped a flask containing a dried-out celluloid solution, and was amazed when the flask didn't shatter.

In the mid-'30's, safety glass became standard for windshields and vent windows, but was an option on other auto glass areas. Many motorists rejected the option because it originally cost \$50 more to equip side and back windows with safety glass. As manufacturing techniques were perfected, safety glass became the low-cost material it is today, and became mandatory in all car window areas.

Along with its now prominence as a safety feature, safety glass also became important as a styling feature. Auto glass through the 1930's was flat, leading to some claims that the windows looked like "holes punched in the auto body." But in 1939 came the first car glass with a curve: the back window, contoured to help air flow over the back of the moving vehicle.

**War Interrupted**  
World War II interrupted automotive production, but new-found ways to curve glass for wartime airplanes paved the way for curved glass in peacetime cars. Windshields started being curved in the 1940's with simple bends in the old two-

### Maintenance Hints For Windows, Windshields

The following suggestions for auto glass maintenance are offered by Karl K. Alberti, auto glass replacement manager for Libbey-Owens-Ford.

- **KEEP WINDOWS CLEAN.** A dirty windshield, rear window or sidelights impairs vision. Dirt accumulation may form a grit that scratches the glass when it is wiped.
- **KNOCK ICE OFF WIPER BLADES** in winter, to maintain the efficiency of the wipers.
- **REPLACE BROKEN OR CRACKED** windshields immediately. Clear, unobstructed vision is important at all times.
- **NEVER USE ABRASIVE CLEANERS** such as rubbing compound on the inside of the rear window if it is the defogging type. The lines on the glass surface carry an electrical current and damaging them can break the circuit.
- **DON'T USE GLASS AS A HANDLE** to slam door. This undue stress may break the glass.
- **INSPECT THE WEATHERSTRIPPING** regularly to prevent scratches from worn-out stripping. If the rolling mechanism binds, have it inspected and repaired to prevent the glass from rubbing internal door parts.

piece windshield with divider bar. Today virtually all automotive glass has a curvature which enhances styling while maintaining good optical quality.

Like curved glass, tinted and shaded glass now seems so much a part of motoring that it's taken for granted. But it was only 23 years ago that cars available to the public could be equipped with blue-green glass for reduction of glare and sun heat gain. Windshields with a band of shading at the top, to give drivers a "sunshade" without blocking vision, did not come until 1951.

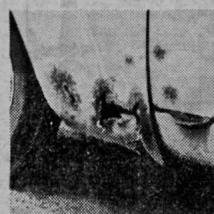
**Does More Today**  
Today automotive safety glass can do more than ever before. For example, there are now heated rear windows which keep the inside glass surface free of fog, as well as antenna windshields which function as the car's radio aerial. These windshields bring in radio signals through wires between the two glass panels, and eliminate the need for the regular antenna rod.

## Don't Be 'Rusty' on Car Safety, Here's How to Cope with Threat

Every few seconds, someone is injured by a car — and in the time it takes for a coffee break, someone dies on the highway! The National Safety Council points out that faulty vehicles contribute to at least 10% of highway accidents . . . and rust is often the chief villain.

But many problems caused by rust can be detected and corrected ahead of time. Know how? Experts at Ziebart Process Corporation have answered this list of common questions from car owners:

1. I keep my car in a heated garage in winter, yet I have more trouble with rust than ever. Why is this? A heated garage can actually increase rusting by as much as 300%. According to a University of Manitoba survey, ice on the car melts and becomes water, the electrolyte that completes the electrochemical circuit necessary for rusting.
2. Are there any areas in the U.S. or Canada where because of climate there is no rust problem? There is no area where rust is not a problem. It is less in arid areas because moisture must be present for rusting to take place.
3. Does frequent washing



Neglecting your car's body costs hundreds of dollars at trade-in time due to unsightly appearance, as well as being unsafe.

and waxing prevent rust? Car care helps, but unless the interior boxed-in areas of the car, where 88% of all rusting starts, are protected, rust can still eat holes in your car and your pocketbook. The rustproofing sealant must be sprayed at high pressure through strategically located holes.

4. What is the major safety problem caused by auto rust? Brake failure. According to the Lincoln Technical Institute of Detroit, this condition is a direct result of environmental conditions such as salt and moisture on our streets. Major fleet operators say that 40% of their brake lines are rust damaged after two years of service. The LTI people further recommend

that car owners protect their car and their life with a rust preventive process.

5. What about air pollution? Is there really enough contamination in our air to cause vehicle rusting? This is the finding of extensive investigation undertaken by the Canadian Province of Ontario. In some industrial areas tons of sulfur dioxide gas are put into the air every minute. This is true of residential and commercial areas, too. Since sulfur dioxide plus rain water results in sulfurous and sulfuric acid which effectively accelerate rusting, your car has a bath of dilute sulfuric acid every time it rains!

**Not Effective**  
6. What about the chemicals certain cities are adding to salt? Do they retard rust? Corrosion inhibitors have been tried with salt. Comprehensive testing of such corrosion inhibitors was undertaken by municipal governments both in the U.S. and Canada a few years ago and the inhibitors were found to be ineffective. The only testing by a disinterested authority was just completed by the University of Manitoba over a two-year period. As previously found, the body rusting was exactly the same with or without the inhibitor.

## Body-Paint Shop Cleanliness Key to Quality of Its Work

The body and paint shop you look for is the one with the facilities that will give you a good-as-factory finish. How to qualify a good shop? Simple!

An outstanding paint shop will have a good reputation. A few well placed questions among close friends and business acquaintances will bring forth some interesting facts regarding quality of work, service and price.

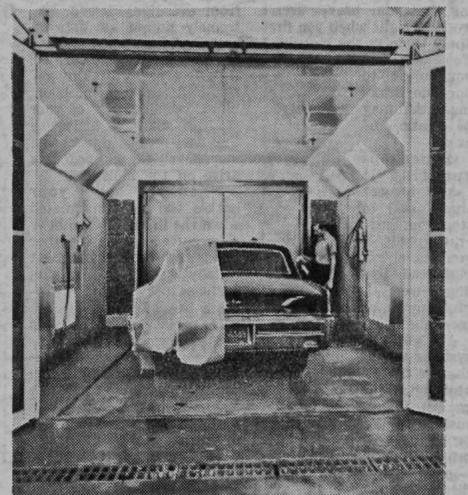
Insurance companies are another excellent source for determining the best paint and body shops in town. About 85% of the body rebuilding and refinishing business is done on a bid basis with insurance companies. Responsible shops are known by their good reputation for square dealing and top notch workmanship.

**Browse Through Shop**  
Browsing through a paint and body shop, one can further qualify it. Out in the shop notice if they thoroughly clean the car body with clean-off liquid and remove the wax, and if the body is washed underneath? Is the car sanded, primed, masked and all chrome removed?

Look around. What kind of housekeeping is maintained out in the shop? Is there sandpaper lying around in the spray area? This would mean that the dirty dusty sanding operation is done in the spray area. In a good practices shop, the sanding takes place in a remote specified area in order to avoid surface contamination on the job site.

Notice how the painter is dressed. Does he have a clean starched uniform? A soiled, lousy shop coat throws off particles that can mar a wet surface.

**How About Temperature**  
Is the paint shop equipped with well kept tools? Although the paint spray



A clean, clutter-free work area is one of the most vital things to look for when selecting a quality paint shop. Even the look of the technician's clothing is important since a clean and a starched uniform prevents lint from getting into the paint. A first-class paint job costs more but is worth it in the long run according to the experts. (Photo Courtesy of DeVilbiss Co.)

equipment may not be readily discernible, is there a spray booth with a filtered air intake or at least an enclosure with adequate exhaust to assure a contamination-free paint job?

How about room temperature? Is it in the comfortable 70's? This proper level of temperature has a bearing on the properties of paint and the ultimate quality of the paint job.

Are there quick dry ovens to reduce surface contamination while drying? The presence of all or most of these features usually indicates a volume business resulting from good work.

You can't always judge the shop by its advertising. Be

cautious of extravagant claims and bargain prices. A proper paint job takes so much time to do and the cost will be commensurate to the good-as-factory finish.

On the other hand, many responsible promotion-minded shops will intentionally give an honest price break on a complete paint job instead of a partial when body work has been done.

Don't mistake this as a hard-sell practice. They only do this because it is very hard to match new paint with old no matter how skilled the painter may be and how hard he tries. The responsible shop recognizes this and wants to avoid dissatisfied customers.

# Made for each other!

Your imported car and

## MICHELIN STEEL BELTED RADIALS

FOR FAMILY CARS we recommend

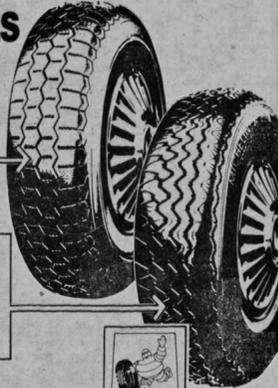
### MICHELIN ZX

Built to meet the specifications of your imported station wagon or family sedan. This radial assures long wear...fast braking...smooth comfortable ride...resistance to wear.

FOR SPORTS CARS we recommend

### MICHELIN XAS

Built with asymmetric treads to make the most of your high performance car's special features. Superior performance even at sustained high speeds. Straightline stability, precise cornering control even on wet roads.



MICHELIN MAKES THE DIFFERENCE!  
World's First Steel Belted Radial Tire

Other Michelin radial tires designed for special cars. Come in for expert assistance.

## SPENLER TIRE SERVICE

140 Hiway No. 1 South  
338-9481

YOUR MICHELIN RADIAL TIRE SPECIALIST

**AUTO FACTS**

**THE INVISIBLE MENACE**

SOMEWHERE IN THIS PICTURE IS AN INVISIBLE MENACE THAT'S ENDANGERING YOUR COMMUNITY!

IT'S UNSEEN HYDROCARBONS, CARBON MONOXIDE, AND OXIDES OF NITROGEN FROM NEGLECTED ENGINES.

ADD SUNLIGHT AND A PHOTO-CHEMICAL SMOG CONDITION MAY OCCUR, EVEN WITHOUT SMOG. POLLUTION CREATES A HEALTH MENACE. HOW CAN YOU HELP FIGHT AIR POLLUTION?

HAVE YOUR CAR'S ENGINE CHECKED NOW! IF IT NEEDS SERVICE, HAVE IT DONE. A UNIVERSITY OF MICHIGAN SURVEY SHOWS EMISSIONS ARE REDUCED BY AN AVERAGE OF 55% AT IDLE AFTER A TUNE-UP!

CCG

**'Morning Sick' Brakes Caused by Moisture**

By PAUL LEE

Chief Sales Engineer, Raybestos Div., Raybestos-Manhattan, Inc.

Do you ever have the feeling that your brakes aren't working right when you first apply them in the morning? You may feel your car pull to one side. Braking action may be erratic, uneven.

Or perhaps you find it takes longer than usual to stop from moderate speeds. If you have experienced these symptoms, don't worry! Your brakes probably have a touch of morning sickness.

All automotive braking systems use friction to stop the car. This friction is created when the brake lining presses against the braking surface (brake drum or disc brake rotor). Ideally, the brake lining and brake drums—or brake rotor, if you have disc brakes—should be dry. That's when the maximum coefficient of friction will be developed and the brakes will work best.

But sometimes moisture from overnight dew or extremely humid air gets on both the brake lining and the brake drum or rotor surface. Usually a gentle braking action will cure this problem. When you back out of your parking space or driveway the first brake application may be all that's needed to drive off the moisture.

When you apply your brakes the friction created when the lining and drum or rotor surfaces come together builds up heat. This heat usually warms the braking surfaces just enough to evaporate the moisture.

If moisture buildup is heavy, however, you may experience the effects of uneven braking. The best way to avoid such brake morning sickness is to apply gentle brake pedal pressure for a distance of about 50 feet—6 to 7 car lengths—while moving forward at about 10 to 15 mph.

If you do this you'll warm up your brakes and condition them to perform perfectly when you need to stop.

**Power Steering Problems Traced to Leaking Fluid**

Safe winter driving insurance involves many pre-season checks, but one vital system that's often overlooked is your car's power steering.

How can you tell when something's wrong? It's easy. You can feel trouble. You can hear trouble. And, you can see it.

Your hands on the wheel are a pretty sensitive indicator of steering problems. Does your car steer hard in one or both directions? After you make a turn, does your car "straighten out" readily? Does your car "wander" on the straightaway?

Trouble is easy to hear, too. Any rattling, chattering, knocking, squealing or howling you hear when you make a turn indicates a problem.

Next time you park your car for awhile, check the pavement under your car. A spot of slippery-feeling fluid on your garage floor or driveway could very well be hydraulic fluid that's dripped from your power steering system.

**CLEAR REMINDER**

When thinking about antifreeze for your car this winter, don't forget the windshield washers.

**REMEMBER!**

Winter is on the way, and now's the time to get ready, with help from Ken's



- Army Style Underwear Shirts **\$1.89**
- Flannel Shirts **\$2.98**
- Car Batteries 6 volt **\$8.88** and up  
12 no.
- Household Spaceheaters **\$10.49**  
Thermostat, fan-forced
- Heet Gas Line Antifreeze 4 for **\$1.00**
- Foot Lockers **\$9.95 & \$10.95**
- Car Window Bars **98¢**
- Furnace Filters • Caulking Compound
- Heat Tapes • Weatherstripping
- Storm Window Kits • Wooden Dowels
- Biodegradable 25 Lbs. **\$1.95**
- Non-Polluting Detergent
- No. 925 5-Drawer Unfinished Chest **\$10.95**
- Panda Interior Paint 50¢ qt. **\$2.00** gal.
- Bicycle Accessories  
Bicycle Combination Locks **\$1.39**
- Jute Twine • Nylon Twine
- Wastepaper Baskets • Plastic Dish Pans
- Colored Macrame Cord



Highway 1 West  
Adjacent to Wardway

OPEN:  
Mon.-Fri. 8 am-9 pm  
Sat. & Sun. 9 am-6 pm

**FREE PARKING**

**'Tune-Up Now, Avoid Hassles'**

So Says AAA Director Who Offers Tips on Starting, Maintenance And Driving in Snow

By JOHN P. ECK  
Director, National Emergency Road Service,  
American Automobile Association

Does the thought of wrestling with a stalled engine this winter give you chills? The American Automobile Association says you can avoid this seasonal hassle by putting into practice a few basic guidelines for getting your car under way smoothly.

But well before winter arrives, AAA urges every car owner to take his car in for a complete tune-up and inspection. Especially important is a check of the car's electrical system. In 1971, AAA estimates show 49 per cent of the nation's 82.6 million motoring problems resulted from battery and electrical failures.

**Battery Check**  
Batteries should be checked frequently. At 32 degrees, cranking power is about 40 per cent less than when the temperature is at 80 degrees; and at zero, about 60 per cent less.

During extended periods of cold weather, starting the car and running the engine at least every other day at sufficient RPM's to charge the battery is good insurance against battery failure. If this is done in a garage, be sure to open the garage doors wide enough to protect against the threat of carbon monoxide poisoning.

Do install snow tires well before the first snowfall, and have chains ready in case of a severe snowstorm.

**Starting Tips**  
Once the inspection has been completed, and that first cold morning has arrived, here is AAA's advice on how to get your engine started with a minimum of trouble:

- Make sure the shift selector or gear shift is in neutral. If the car has a manual shift, depress the clutch while starting.
- Avoid a "battery strain"

by making certain all electrical accessories (radio, lights, heater) are turned off before using the starter.

- Depress the gas pedal all the way down to the floor once, then hold it halfway down as the starter is engaged. Do not pump the gas pedal, because this can result in flooding.

- Turn the ignition key to "start," but don't hold the key in the start position for more than 10 seconds at a time. Continuous grinding of the starter can damage the battery, and even drain a fully charged one.

- Depress the gas pedal slightly to keep the engine running if the engine starts and then dies a number of times.

- If the engine becomes flooded, depress the gas pedal to the floor and hold it there while engaging the starter. Keep your foot on the pedal until the engine starts again. Then release it slowly. Remember, do not pump the pedal.

Getting your car moving in a heavy snowstorm shouldn't present too great a problem if you follow these tips:

- Start with an "easy" foot

on the accelerator and slip the clutch in second gear on cars with standard shift.

- If the wheels should spin, try rocking the car forward and backward. If you've dug yourself into a pocket, use sand or traction mats to get out. Keep the front wheels pointed straight ahead when possible.



ONE OF 82 MILLION — Eight trucks last year. And almost a pre-winter tune-up as one of

**GOOD**

**SNOW TIRE**

Famous quality Sure-Grip

A Pair Gives You The Traction You Need To Go In Ice-Mud-Snow

192 Rugged Cleats Built To Handle Winter

3 WAYS TO PAY AT GOODYEAR

We'll Mount Your Snow Tires **49¢** Tues., Wed., Thurs. — other days by appointment

PROFESSIONAL LUBE AND OIL CHANGE **\$5.50**

LET THE PRO'S PUT PEAK-UP **GOODYEAR**

314 S. Clinton

Remove regular tires, mount snow tires

**REMEMBER!**

Winter is on the way, and now's the time to get ready, with help from Ken's



**Army Style Underwear Shirts \$1.89**  
**Flannel Shirts \$2.98**

- **Car Batteries** 6 volt 12 no. **\$8.88** and up
- **Household Spaceheaters** Thermostat, fan-forced **\$10.49**
- **Heat Gas Line Antifreeze** 4 for **\$1.00**
- **Foot Lockers** **\$9.95 & \$10.95**
- **Car Window Bars** **98¢**
- **Furnace Filters** • **Caulking Compound**
- **Heat Tapes** • **Weatherstripping**
- **Storm Window Kits** • **Wooden Dowels**
- **Biodegradable Non-Polluting Detergent** 25 Lbs. **\$1.95**
- **No. 925 5-Drawer Unfinished Chest** **\$10.95**
- **Panda Interior Paint** 50¢ qt. **\$2.00** gal.

**Bicycle Accessories**

**Bicycle Combination Locks \$1.39**

- Jute Twine
- Nylon Twine
- Wastepaper Baskets
- Plastic Dish Pans
- Colored Macrame Cord



**Highway 1 West**  
**Adjacent to Wardway**  
**OPEN:**  
**Mon.-Fri. 8 am-9 pm**  
**Sat. & Sun. 9 am-6 pm**  
**FREE PARKING**

**'Tune-Up Now, Avoid Hassles'**

**So Says AAA Director Who Offers Tips on Starting, Maintenance And Driving in Snow**

By **JOHN P. ECK**  
 Director, National Emergency Road Service,  
 American Automobile Association

Does the thought of wrestling with a stalled engine this winter give you chills? The American Automobile Association says you can avoid this seasonal hassle by putting into practice a few basic guidelines for getting your car under way smoothly. But well before winter arrives, AAA urges every car owner to take his car in for a complete tune-up and inspection. Especially important is a check of the car's electrical system. In 1971, AAA estimates show 49 per cent of the nation's 82.6 million motoring problems resulted from battery and electrical failures.

**Battery Check**  
 Batteries should be checked frequently. At 32 degrees, cranking power is about 40 per cent less than when the temperature is at 80 degrees; and at zero, about 60 per cent less.

During extended periods of cold weather, starting the car and running the engine at least every other day at sufficient RPM's to charge the battery is good insurance against battery failure. If this is done in a garage, be sure to open the garage doors wide enough to protect against the threat of carbon monoxide poisoning.

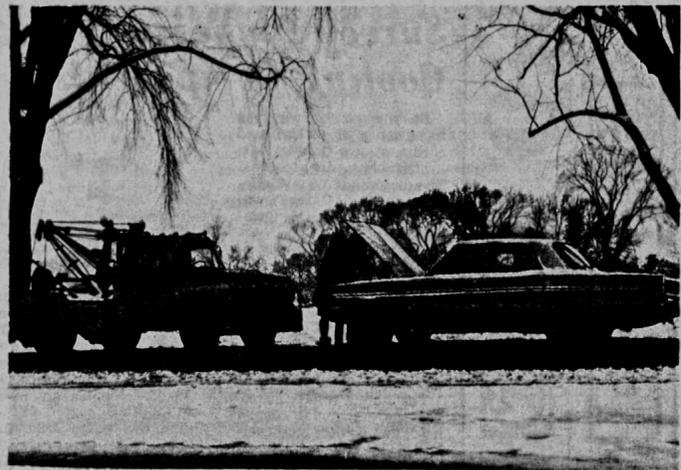
Do install snow tires well before the first snowfall, and have chains ready in case of a severe snowstorm.

**Starting Tips**  
 Once the inspection has been completed, and that first cold morning has arrived, here is AAA's advice on how to get your engine started with a minimum of trouble:

- Make sure the shift selector or gear shift is in neutral. If the car has a manual shift, depress the clutch while starting.
  - Avoid a "battery strain" by making certain all electrical accessories (radio, lights, heater) are turned off before using the starter.
  - Depress the gas pedal all the way down to the floor once, then hold it halfway down as the starter is engaged. Do not pump the gas pedal, because this can result in flooding.
  - Turn the ignition key to "start," but don't hold the key in the start position for more than 10 seconds at a time. Continuous grinding of the starter can damage the battery, and even drain a fully charged one.
  - Depress the gas pedal slightly to keep the engine running if the engine starts and then dies a number of times.
  - If the engine becomes flooded, depress the gas pedal to the floor and hold it there while engaging the starter. Keep your foot on the pedal until the engine starts again. Then release it slowly. Remember, do not pump the pedal.
- Getting your car moving in a heavy snowstorm shouldn't present too great a problem if you follow these tips:
- Start with an "easy" foot

on the accelerator and slip the clutch in second gear on cars with standard shift.

• If the wheels should spin, try rocking the car forward and backward. If you've dug yourself into a pocket, use sand or traction mats to get out. Keep the front wheels pointed straight ahead when possible.



**ONE OF 82 MILLION** — Eighty-two million calls for help were answered by AAA road service trucks last year. And almost half of them were the result of starting failure. AAA recommends a pre-winter tune-up as one step in making sure your car starts on even the foulest winter days.

**GOODYEAR**

**SNOW TIRES 2 for \$30**

Sizes 6.00x13 7.00x13 or 6.95x14 tubeless blackwall plus \$1.61 to \$1.95 Fed. Ex. Tax per tire and two old tires.

**Famous quality Sure-Grip IV built deep to bite deep!**

A Pair Gives You The Traction You Need To Go In Ice-Mud-Snow

Strong 4-Ply Nylon Body Cord

**192 Rugged Cleats Built To Handle Winter**

SIZE	COMPARABLE SIZE	Price for 2 Tubeless Blackwalls	Plus F.E.T. Per Tire And Two Old Tires
6.00-13	—	2 for \$30.00	\$1.61
7.00-13	—	2 for \$30.00	\$1.95
6.95-14	C78-14	2 for \$30.00	\$1.90
7.35-14	E78-14	2 for \$39.60	\$2.00
7.75-14	F78-14	2 for \$46.10	\$2.12
8.25-14	G78-14	2 for \$48.00	\$2.29
8.55-14	H78-14	2 for \$52.40	\$2.46
5.60-15	—	2 for \$31.90	\$1.73
6.85-15	C78-15	2 for \$35.80	\$1.89
7.75-15	F78-15	2 for \$47.10	\$2.13
8.25-15	G78-15	2 for \$49.10	\$2.34
8.55-15	H78-15	2 for \$53.20	\$2.48

**3 WAYS TO PAY AT GOODYEAR**



**We'll Mount Your Snow Tires 49¢**  
Tues., Wed., Thurs. — other days by appointment



**PROFESSIONAL LUBE AND OIL CHANGE \$5.50**



**PROFESSIONAL FRONT-END ALIGNMENT \$9.95**  
Any U.S. car plus parts if needed —



**INSTALLED 4-WHEEL BRAKE RELINE \$29.88**  
American Compact Cars

ADD \$2.00 for standard & luxury sized cars. Disc, brakes and Foreign cars extra.  
 Includes full inspection, fluid, clean—repack front bearings. If needed, wheel-cyls. \$7.50 ea., drums turned \$3.00 ea., front grease seals \$4.50 pr., return springs 50c ea.

**LET THE PRO'S PUT PEAK-UP IN YOUR CAR'S PERFORMANCE!**

**GOODYEAR SERVICE STORE**

314 S. Clinton

Phone 338-5401

# Properly Aligned Wheels Add Miles to Tire Life

By **CHUCK STROBERG**  
Chassis Product Manager, TRW Replacement Division

Just as there are timing and ignition gap settings that combine to provide a well tuned, efficient engine, there are camber, caster, and "Toe" settings to maintain the operating quality of the chassis.

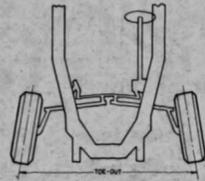
These are adjustable angles that must be maintained to provide a true running front end that will allow tires to give their maximum service life.

The camber angle is a measure of the tilt of the top of the front wheels to or away from the vehicle body. Ideally, for long tire life, the wheels should be close to a true vertical position when the car is in operation and

at its stable riding height. This prevents excessively high pressure on any portion of the tread where it meets the road that could cause unusual tire wear on one section of the tire surface.

**Concerned with Steering**  
Caster is the alignment angle used to measure the forward or rearward tilt of the steering axis of the front wheels, when checking from the side view. Its effect on the vehicle is mainly concerned with steering and handling.

Only under very extreme condition can caster be a tire wear factor. Other handling problems calling for front end service



would occur before tire wear became a problem.

Of the three adjustable alignment angles "Toe" has the greatest effect on tire life. The "Toe" specification concerns the ability of the wheels to roll ahead freely without scuffing across the road surface.

The ability to hold the proper "Toe" setting is directly affected by the condition of the parts in the steer-

ing system. This chassis system which includes the idler and pitman arms, tie rod ends, and centerlinks, connects the two front wheels and has the job of transmitting the driver's directional desires to them.

**Toe-settings**  
Although the parts in the steering system don't support a great deal of weight, they are subject to jarring, twisting, and turning forces that tend to wear them and create looseness. The change in the relationship of the parts to each other that is created by this wear can lead to variable or incorrect "Toe" settings that are a real hazard to tire life.

Maintaining the proper "Toe" and camber alignment in a vehicle is critical to ob-

taining the longest possible life from your tires, but alignment alone is not the whole story. Wheel bearing condition, tire inflation, shock absorbers, wheel balance, and driving habits, all have a big effect on tire life.

All these factors have to be considered, and corrections made when problems exist, before the wheel alignment can be really successful at helping prolong tire life.

It is important to remember that because the suspension systems are constantly changing due to parts wear and sag factors, alignment should be checked periodically. Be sure that the wheels are running straight and true; this is the way wheel alignment saves tires.

In-Car Test for Drivers, Just One of Many

## New Systems for Motoring Safety

The Automotive Information Council, supported by the major segments of the motor vehicle and motor vehicle service industries, for several months has been gathering data about current accomplishments and future technology and service refinements planned by the industry. A few innovations which one day may become an integral part of your vehicle include:

A braking system which permits a straight-ahead controlled stop without skidding or sliding even on wet pavement during a "panic" stop.

A device to aid in steering which automatically compensates for wind gusts and chuck holes, adapted from our space guidance systems.

A unit on the dashboard which monitors tire pressure while driving, activating a warning light or buzzer when the pressure on any tire falls below a prescribed level. One study shows that a tire under-inflated by nine pounds of pressure loses 52% of its life. In 1970, according to the same study, underinflation wasted an estimated 13 billion tire miles.

These are but a few of the more sophisticated innovations which may be available on the vehicle you buy in the near future.

A man who has stayed for "one too many" weaves through the bar door and lurches into his parked car. He's heading home, or so he thinks. But in order to start the car he must first correctly punch up his personal five-digit identification number on a small dashboard computer.

If successful, for a two-second interval another set of numbers totally foreign to him appears which he must memorize and duplicate on the computer. He has three chances at the second test. Correct answers will activate the ignition system.

He can then start the car by pushing another button which also activates the computer into a rapid series of pre-driving diagnostic tests of vital operating systems, reporting any signs of trouble. If unsuccessful with either test, no one can start the car for at least one hour.

Far fetched? Not at all. The technology is here. The "psychological tester" designed to prevent drunk drivers from starting their automobiles and to reduce the approximately one million vehicles stolen annually is

### VENTILATION VITAL

Even on the coldest winter days, it's still a good idea to drive with a window slightly opened. This will prevent the possibility of carbon monoxide fumes amassing in the passenger compartment. Better yet, have your exhaust system checked thoroughly to guard against the deadly gas.

**TUNEUPS SPARK**  
INASTEW LINEN  
RIP TR MONTIE  
ET LE FA GIDE  
PERLE AS  
PINAS NOX PCV  
AGED ADD SHOE  
YOU ONE MOOSE  
JR RAYON  
CIAO MS ST CU  
ADMIRE PE GAS  
POINT FILTERS  
ASSTS MUFFLER

one of many new systems in various development stages by motor vehicle and vehicle component system manufacturers.

And one of the most important industry products is the new breed of service technician equipped with the ability to maintain today's sophisticated power systems and those earmarked for future vehicles.

To supply this continuing need, vehicle and component manufacturers are re-training tens of thousands of ex-

perienced technicians every year. The vocational schools, and colleges are graduating thousands of young men annually who will become tomorrow's technicians.

And as the number of vehicles on the road grows each year, the industry is helping meet this service manpower demand by working closely with schools at "career day" assemblies, advising administrators and instructors on new teaching procedures, and providing industry sponsored schools.

THE OLD	THE NEW

Universal signs such as those at the right above are rapidly replacing those to the left for faster delivery of warning traffic messages hitherto dependent on words.

## Universal Signs Help All Drivers

Orators used to speak of One World. Highway sign designers are now thinking in terms of One Road.

While European road signs have long contained symbols rather than words to provide information, North American signs usually have depended on English language reading ability. As shown above, a simplified system of road signs will be introduced on this side of the Atlantic. In this form of highway heraldry, a circle with a slash across it means No (i.e. No Left Turn or No Trucks). The system should help North American travelers in Europe as well as Europeans traveling here.

# SNOW OR HIGHWAY RETREAD SALE

Sears



**\$ 11 95** SNOW TIRES  
6.50x13 Tubeless Blackwall Retread  
...Plus \$.43 F.E.T.

**\$ 11 95** HIGHWAY TIRES  
6.50x13 Tubeless Blackwall Retread  
...Plus \$.32 F.E.T.

Each Sears highway or snow retread tire is guaranteed to wear for a full 18 months. Made only from carefully inspected sound tire bodies. Bonded to new treads of long-wearing Dynatuf tread rubber. No trade-in required for either tire. Buy now and save!

**ALLSTATE Passenger Tire Guarantee**

Months	Guaranteed Allowance
18 to 24	10%
27 to 39	20%
40	25%

### Hurry...Sale Ends Saturday

Tubeless Blackwall Retreads... No Trade-in Required	Highway Retreads	Snow Retreads	Plus Fed. Excise Tax Snow Retread
6.50x13	11 <sup>95</sup>	11 <sup>95</sup>	\$.32 .43
7.35x14	12 <sup>95</sup>	12 <sup>95</sup>	\$.41 .53
7.75x14	12 <sup>95</sup>	12 <sup>95</sup>	\$.44 .57
8.25x14	12 <sup>95</sup>	12 <sup>95</sup>	\$.45 .62
8.55x14	12 <sup>95</sup>	12 <sup>95</sup>	\$.49 .66
8.25x15	13 <sup>95</sup>	13 <sup>95</sup>	\$.51 .66
8.55x15	13 <sup>95</sup>	13 <sup>95</sup>	\$.54 .74

Whitewall Highway and Snow Retreads Also on Sale  
**FREE Tire Mounting and Rotation**  
Use Sears Easy Payment Plan

SHOP AT SEARS AND SAVE Satisfaction Guaranteed or Your Money Back  
SEARS, ROEBUCK AND CO. Tire and Auto Center

**Sears** MALL SHOPPING CENTER Phone 251-3600 Free Parking

STORE HOURS  
Mon. Thru Fri. 9:30 to 9:00  
Saturday 9:30 to 5:30  
Sunday Noon to 5:00

Sears

### BATTERY GUARANTEE

Free replacement within 90 days of purchase if battery proves defective. After 90 days we will replace it with a new battery if defective, charging only for the period of ownership. Your monthly charge for ownership will be computed by dividing the current selling price less trade-in at the time of return, by the number of months of guarantee.

Sale Ends Friday

## 36 Month SEARS

Sizes to replace most American-made Popular because it has both power and the original equipment battery.

Batteries for Volkswagens with trade-in  
6-volt....Reg. \$20.50.....Now \$16.  
12-volt....Reg. 21.50.....Now 17.

SEARS...Home

Allstate Spark Plugs  
**49c** Regular 65c

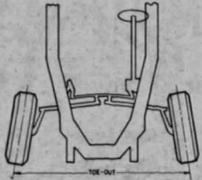
**SPECTRUM** MOTOR OIL  
TUNE-UP KIT

Spectrum Engine Oil 10W-40  
Quart Regular 59c NOW 45c  
Tune-up Kits Regular \$1.99 to \$2.99  
NOW 1.49 to 1.99

SHOP AT SEARS AND SAVE Satisfaction Guaranteed or Your Money Back  
SEARS, ROEBUCK AND CO. Tire and Auto Center

**Sears** Tire and Auto Center

# Wheels Add Miles to Tire Life



ing system. This chassis system which includes the idler and pitman arms, tie rod ends, and centerlinks, connects the two front wheels and has the job of transmitting the driver's directional desires to them.

**Toe-settings**  
Although the parts in the steering system don't support a great deal of weight, they are subject to jarring, twisting, and turning forces that tend to wear them and create looseness. The change in the relationship of the parts to each other that is created by this wear can lead to variable or incorrect "Toe" settings that are a real hazard to tire life.

The ability to hold the proper "Toe" setting is directly affected by the condition of the parts in the steering system. This chassis system which includes the idler and pitman arms, tie rod ends, and centerlinks, connects the two front wheels and has the job of transmitting the driver's directional desires to them.

Maintaining the proper "Toe" and camber alignment in a vehicle is critical to ob-

taining the longest possible life from your tires, but alignment alone is not the whole story. Wheel bearing condition, tire inflation, shock absorbers, wheel balance, and driving habits, all have a big effect on tire life.

All these factors have to be considered, and corrections made when problems exist, before the wheel alignment can be really successful at helping prolong tire life.

It is important to remember that because the suspension systems are constantly changing due to parts wear and sag factors, alignment should be checked periodically. Be sure that the wheels are running straight and true; this is the way wheel alignment saves tires.

## In-Car Test for Drivers, Just One of Many

### New Systems for Motoring Safety

The Automotive Information Council, supported by the major segments of the motor vehicle and motor vehicle service industries, for several months has been gathering data about current accomplishments and future technology and service refinements planned by the industry. A few innovations which one day may become an integral part of your vehicle include:

A braking system which permits a straight-ahead controlled stop without skidding or sliding even on wet pavement during a "panic" stop.

A device to aid in steering which automatically compensates for wind gusts and chuck holes, adapted from our space guidance systems.

A unit on the dashboard which monitors tire pressure while driving, activating a warning light or buzzer when the pressure on any tire falls below a prescribed level. One study shows that a tire under-inflated by nine pounds of pressure loses 52% of its life. In 1970, according to the same study, underinflation wasted an estimated 13 billion tire miles.

These are but a few of the more sophisticated innovations which may be available on the vehicle you buy in the near future.

A man who has stayed for "one too many" weaves through the bar door and lurches into his parked car. He's heading home, or so he thinks. But in order to start the car he must first correctly punch up his personal five-digit identification number on a small dashboard computer.

If successful, for a two-second interval another set of numbers totally foreign to him appears which he must memorize and duplicate on the computer. He has three chances at the second test. Correct answers will activate the ignition system.

He can then start the car by pushing another button which also activates the computer into a rapid series of pre-driving diagnostic tests of vital operating systems, reporting any signs of trouble. If unsuccessful with either test, no one can start the car for at least one hour.

Far fetched? Not at all. The technology is here. The "psychological tester" designed to prevent drunk drivers from starting their automobiles and to reduce the approximately one million vehicles stolen annually is

#### VENTILATION VITAL

Even on the coldest winter days, it's still a good idea to drive with a window slightly opened. This will prevent the possibility of carbon monoxide fumes amassing in the passenger compartment. Better yet, have your exhaust system checked thoroughly to guard against the deadly gas.

**TUNEUPS SPARK**  
INASTEW LINEN  
RIP TR MONTIE  
ET LE FA GIDE  
PERLE AS  
PINAS NOX PCV  
AGED ADD SHOE  
YOU ONE MOOSE  
JR RAYON  
CIAO MS ST CU  
ADMIRE PE GAS  
POINT FILTERS  
ASSTS MUFFLER

one of many new systems in various development stages by motor vehicle and vehicle component system manufacturers.

And one of the most important industry products is the new breed of service technician equipped with the ability to maintain today's sophisticated power systems and those earmarked for future vehicles.

To supply this continuing need, vehicle and component manufacturers are re-training tens of thousands of ex-

perienced technicians every year. The vocational schools, and colleges are graduating thousands of young men annually who will become tomorrow's technicians.

And as the number of vehicles on the road grows each year, the industry is helping meet this service manpower demand by working closely with schools at "career day" assemblies, advising administrators and instructors on new teaching procedures, and providing industry sponsored schools.



**CALLING A CAB?** What looks like a telephone dial is actually a device to test whether a driver is in condition to operate the car. Developed by General Motors, the Phystester requires "dialing" a set of numbers in rapid sequence before ignition is possible. The Phystester also can help deter car thieves.

# LOW OR HIGHWAY TREAD SALE



**1 95** SNOW TIRES 6.50x13 Tubeless Blackwall Retread ...Plus \$.43 F.E.T.  
**\$ 11 95** HIGHWAY TIRES 6.50x13 Tubeless Blackwall Retread ...Plus \$.32 F.E.T.

any or snow retread tire is guaranteed for a full 18 months. Made of new tread of long-wearing rubber. No trade-in required now and save!

#### Hurry...Sale Ends Saturday

Tubeless Blackwall Retreads... No Trade-in Required	Highway Retreads	Snow Retreads	Plus Fed. Highway Retread	Excise Tax Snow Retread
6.50x13	11 <sup>95</sup>	11 <sup>95</sup>	\$.32	.43
7.35x14	12 <sup>95</sup>	12 <sup>95</sup>	\$.41	.53
7.75x14	12 <sup>95</sup>	12 <sup>95</sup>	\$.44	.57
8.25x14	12 <sup>95</sup>	12 <sup>95</sup>	\$.45	.62
8.55x14	12 <sup>95</sup>	12 <sup>95</sup>	\$.49	.66
8.25x15	13 <sup>95</sup>	13 <sup>95</sup>	\$.51	.66
8.55x15	13 <sup>95</sup>	13 <sup>95</sup>	\$.54	.74

Whitewall Highway and Snow Retreads Also on Sale  
**FREE Tire Mounting and Rotation**  
Use Sears Easy Payment Plan

**Passenger Tire Guarantee**  
Tread Wear-Out Guarantee  
Guaranteed Against: Tread wear-out.  
For How Long: The number of months specified.  
What Sears Will Do: In exchange for the tire, replace it with a new one of equal or better quality at the current selling price plus Retail Excise Tax less the following allowance:  
Months Guaranteed Allowance  
15 to 24 10%  
25 to 39 20%  
40 25%

**Sears** MALL SHOPPING CENTER Phone 351-3600 Free Parking  
STORE HOURS  
Mon. Thru Fri. 9:30 to 9:00  
Saturday 9:30 to 5:30  
Sunday Noon to 5:00

**Sears** High Voltage 36 Month Guarantee SEARS Battery

**SAVE \$4**  
36 Month Guarantee  
**16<sup>50</sup>** Regular \$20.50 with trade-in

Sizes to replace most American-made cars. Popular because it has both power and quality of the original equipment battery.

Batteries for Volkswagens with trade-in  
6-volt.....Reg. \$20.50.....Now \$16.50  
12-volt.....Reg. 21.50.....Now 17.50

**SEARS...Home of the Diehard Battery**

Allstate Spark Plugs

**49c**  
Regular 65c

Save \$2

**Heavy-Duty Muffler**  
guaranteed for as long as you own your car.....

This low price buys a heavy-duty muffler for your 1960-70 Dodge or Plymouth, 1954-69 Chevrolet. Other mufflers available at Similar savings, so come to Sears now.

**10<sup>99</sup>** Regular \$12.99

Fast, low cost installation available

Spectrum Engine Oil 10W-40  
Quart Regular 59c NOW 45c  
Tune-up Kits Regular \$1.99 to \$2.99 NOW 1<sup>49</sup> to 1<sup>99</sup>

SHOP AT SEARS AND SAVE Satisfaction Guaranteed or Your Money Back SEARS, ROEBUCK AND CO. Tire and Auto Center

Mall Shopping Center Phone 351-3600 Free Parking  
Automotive Hours  
Mon. thru Fri. 8:30 to 9:00  
Saturday 8:30 to 5:30  
Sunday Noon to 5:00



Under the hood to investigate a mechanical difficulty are from left: television personality Dave Garroway, comedienne Peggy Cass, race driver Peter Revson and comedian Louis Nye. In an hour-long National Automotive Trouble Quiz TV Special, this foursome dramatized what to do about car trouble situations that are not strangers to many of America's 110 million licensed drivers.

## Yesterday's Winters Teach Today's Driver New Tricks

By M. A. McNIEL  
Reprinted from  
Iowa City Press-Citizen

Getting automobiles ready for winter use once was a far different matter than it is today.

What the motorist of the past might experience was outlined by Jim Fordice, president of the Iowa Valley Chapter of the Antique Auto Club of America and the owner of several antique cars himself.

Cars and service haven't always been what they are today. Back then, antifreeze just wasn't available. Those who were hardy and enthusiastic enough to drive in winter weather put alcohol or kerosene in their radiators hoping to prevent freeze-ups.

Today, "winter" or low viscosity oil is taken for granted. Kerosene was also used in the past to dilute the oil to ease cold weather cranking and allow it to circulate in archaic "splash" or dipper lubrication systems.

Even diluted oil could be mighty stiff on a cold morning. It wasn't too uncommon to tie three or four corn cobs together with a piece of wire and set them afire under the crank case. A few minutes of this treatment would allow

**ON THE SKIDS**  
If your car goes into a skid on a wet or icy street, turn the steering wheel in the direction of the skid. Do not jam on the brakes but pump them gently.

the engine to turn over freely.

As well as the modern battery functions, it is still a source of doubt on the coldest mornings. There was no doubt in grandad's mind; he knew his battery lacked sufficient output on cold mornings.

He took the necessary precaution of keeping his battery behind the kitchen stove overnight. Blankets were sometimes placed over the engine to prevent frost from forming on the plug wires, coil, and distributor.

All of these precautions and the bitterest of swear words didn't always guarantee an easy start. After the battery wore down, his cranking arm wore out and his patience wore thin, grandad still had an ace up the sleeve of his mackinaw.

He could harness the team to the front bumper and give his old tin liz a pull. That failing, he could hitch up a buck-board and leave that infernal contraption sitting until warmer weather.

If you don't have ready access to a team of horses, corn cobs and kerosene, and lack a kitchen stove to keep your battery behind, the best thing to do is to see an auto serviceman about winterizing your car.

**CLEAR REMINDER**  
When thinking about antifreeze for your car this winter, don't forget the windshield washers.

## Do You Know Correct Answers? If Not You've Lots of Company

Do you know how often to have your engine tuned, how to start a flooded engine and what causes your engine to keep running after you've turned off the ignition? If you do, you're a pretty "with it" motorist. If you don't, you've got a lot of company. Questions on tune-up, hard starting and after-run gave viewers the most difficulty in the recent National Automotive Trouble Quiz. The television quiz, produced by the Fram Corporation, was aired nationally and posed questions on car maintenance to the audience.

driver ed students, their parents and members of the Sports Car Club of America — served as a cross-section of the motoring public in answering the quiz questions.

One question, "How often should you have your car tuned?" stumped more than half of the panelists. They failed to guess the correct answer which is, "Once a year for cars that travel an average of 12,000 miles."

On the question, "How do you start a flooded engine?" more than a quarter of the panelists failed to answer

correctly. The right reply was, "Depress the accelerator all the way to the floor, hold it there and crank the engine until it clears itself and fires."

A third question, "What's wrong when the engine keeps running after it is shut off?" puzzled almost half of the panel members. They should have replied, "The trouble is dieseling, sometimes called engine run-on, and the services of a professional are needed to correct it."



## FLEETWAY

Rolls Back Tire Prices!

New Lower  
1972 PRICES

Duralon DS PREMIUM 78 Snow Tires  
Whitewalls in 4 Ply Nylon

Size	Old Fleet Price	New Fleet Price	Plus Ex. Tax	New Fleet Total
7.00-13	\$19.80	\$18.71	\$1.95	\$20.66
E78-14	\$20.83	\$19.60	\$2.24	\$21.84
F78-14	\$21.92	\$20.70	\$2.39	\$23.09
G78-14	\$22.91	\$21.63	\$2.56	\$24.19
H78-14	\$24.54	\$23.16	\$2.75	\$25.91
J78-14	\$25.04	\$23.50	\$2.95	\$26.45
F78-15	\$21.93	\$20.71	\$2.43	\$23.14
G78-15	\$23.17	\$21.87	\$2.63	\$24.50
H78-15	\$23.87	\$22.53	\$2.81	\$25.34
J78-15	\$25.21	\$23.79	\$3.01	\$26.80
L78-15	\$25.64	\$24.07	\$3.16	\$27.23

STUDS INSTALLED \$4.50 per tire  
No trade necessary

FREE INSTALLATION  
UNTIL 8:30 p.m.  
Blackwalls \$2 per tire less

## FLEETWAY

655 Highway 6 Bypass East, I.C.  
Mon.-Fri. till 9 p.m. Sat. till 5:30



## WINTER COAT SALE

A special section of coats in our Clinton Street store—

### 20% OFF

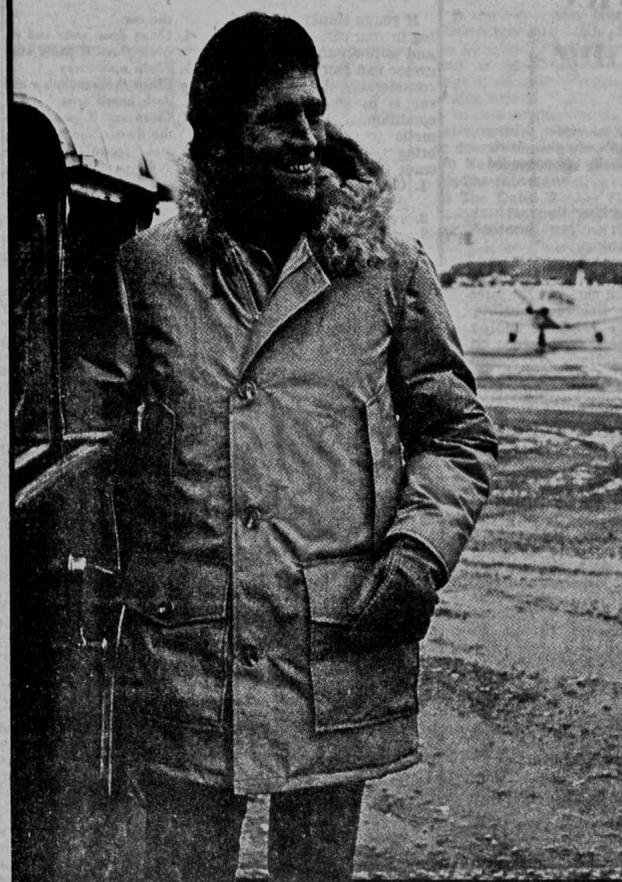
Stop in now and get ready for winter... before winter gets you!!

## The Stable

14 S. Clinton

Visit our store at the Mall, too

# BREMERS



Arctic (top)

Hard-working parka of 2-ply cotton-nylon Ramar cloth with extra-warm insulation of 12 oz. prime Northern goose down. Wind- and water-repellent, it has zipper-button double closure, patch-flap pockets, drawcord waist, storm cuffs, down-insulated snorkel hood and fur ruff (not an endangered species). Length 36". Sizes S, M, L, XL. \$100

Sierra Supreme (top right)

Our best-selling sweater jac in water-repellent 1.9 oz. Ripstop nylon with 8 oz. goose down insulation for unbeatable warmth. Features down-insulated pockets with Velcro closures, fly front with 2-way Delrin zipper and snaps, drawcord waist. Folds into its own inside stowaway pocket. Length 30". Sizes S, M, L, XL. \$48

North Bay (bottom right)

Bold Hudson Bay stripes make this new outer coat as good to look at as it is to wear. Pure wool shell lined with Orlon pile. Hand warming muff, as well as flap pockets. Length 32". Sizes 36-46. \$50

## BREMERS

### 2 GREAT STORES 2 GREAT LOCATIONS

DOWNTOWN AND THE MALL SHOPPING CENTER  
Charge four ways: BankAmericard • Master Charge • American Express • Bremers Preferred

Downtown: Monday and Thursday 9:30 to 9:00  
Tuesday, Wednesday, Friday, Saturday 9:30 to 5:00  
Mall: Monday thru Friday, 12-9  
Saturday, 9:30 to 5:30  
Sunday, 12:00 to 5:00

## Yesterday's Winters Teach Today's Driver New Tricks

By M. A. McNIEL  
Reprinted from  
Iowa City Press-Citizen

Getting automobiles ready for winter use once was a far different matter than it is today.

What the motorist of the past might experience was outlined by Jim Fordice, president of the Iowa Valley Chapter of the Antique Auto Club of America and the owner of several antique cars himself.

Cars and service haven't always been what they are today. Back then, antifreeze just wasn't available. Those who were hardy and enthusiastic enough to drive in winter weather put alcohol or kerosene in their radiators hoping to prevent freeze-ups.

Today, "winter" or low viscosity oil is taken for granted. Kerosene was also used in the past to dilute the oil to ease cold weather cranking and allow it to circulate in archaic "splash" or dipper lubrication systems.

Even diluted oil could be mighty stiff on a cold morning. It wasn't too uncommon to tie three or four corn cobs together with a piece of wire and set them afire under the crank case. A few minutes of this treatment would allow

**ON THE SKIDS**  
If your car goes into a skid on a wet or icy street, turn the steering wheel in the direction of the skid. Do not jam on the brakes but pump them gently.

the engine to turn over freely. As well as the modern battery functions, it is still a source of doubt on the coldest mornings. There was no doubt in granddad's mind; he knew his battery lacked sufficient output on cold mornings.

He took the necessary precaution of keeping his battery behind the kitchen stove overnight. Blankets were sometimes placed over the engine to prevent frost from forming on the plug wires, coil, and distributor.

All of these precautions and the bitterest of swear words didn't always guarantee an easy start. After the battery wore down, his cranking arm wore out and his patience wore thin, granddad still had an ace up the sleeve of his mackinaw.

He could harness the team to the front bumper and give his old tin liz a pull. That falling, he could hitch up a buck-board and leave that infernal contraption sitting until warmer weather.

If you don't have ready access to a team of horses, corn cobs and kerosene, and lack a kitchen stove to keep your battery behind, the best thing to do is to see an auto serviceman about winterizing your car.

**CLEAR REMINDER**  
When thinking about antifreeze for your car this winter, don't forget the windshield washers.



From left: television personality Dave and comedian Louis Nye. In an hour-long dramatized what to do about America's 110 million licensed drivers.

## Correct Answers? of Company

correctly. The right reply was, "Depress the accelerator all the way to the floor, hold it there and crank the engine until it clears itself and fires."

A third question, "What's wrong when the engine keeps running after it is shut off?" puzzled almost half of the panel members. They should have replied, "The trouble is dieseling, sometimes called engine run-on, and the services of a professional are needed to correct it."



## FLEETWAY

Rolls Back Tire Prices!

New Lower  
1972 PRICES

Duralon DS PREMIUM 78 Snow Tires  
Whitewalls in 4 Ply Nylon

Size	Old Fleet Price	New Fleet Price	Plus Ex. Tax	New Fleet Total
7.00-13	\$19.80	\$18.71	\$1.95	\$20.66
E78-14	\$20.83	\$19.60	\$2.24	\$21.84
F78-14	\$21.92	\$20.70	\$2.39	\$23.09
G78-14	\$22.91	\$21.63	\$2.56	\$24.19
H78-14	\$24.54	\$23.16	\$2.75	\$25.91
J78-14	\$25.04	\$23.50	\$2.95	\$26.45
F78-15	\$21.93	\$20.71	\$2.43	\$23.14
G78-15	\$23.17	\$21.87	\$2.63	\$24.50
H78-15	\$23.87	\$22.53	\$2.81	\$25.34
J78-15	\$25.21	\$23.79	\$3.01	\$26.80
L78-15	\$25.64	\$24.07	\$3.16	\$27.23

STUDS INSTALLED \$4.50 per tire  
No trade necessary

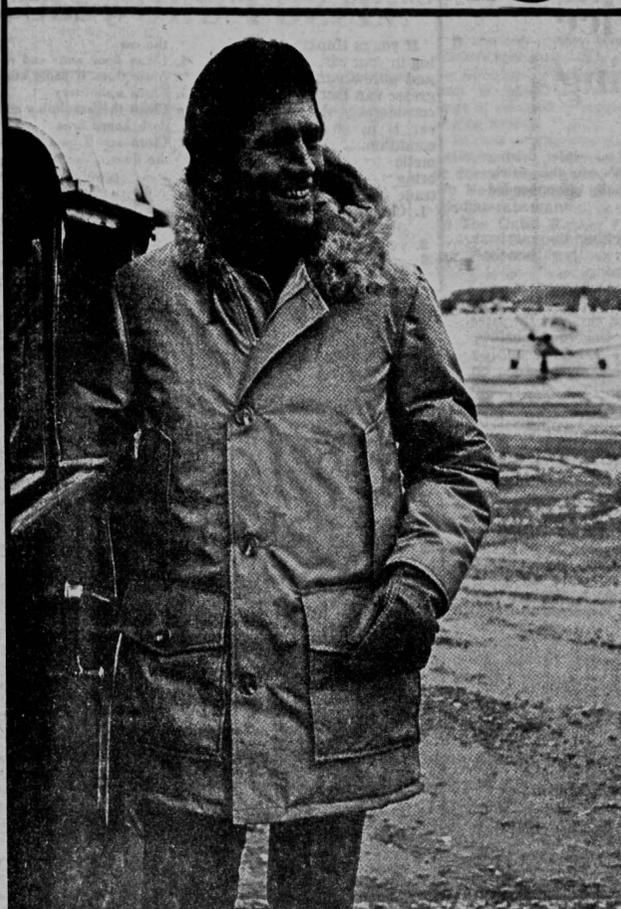
FREE INSTALLATION  
UNTIL 8:30 p.m.  
Blackwalls \$2 per tire less

## FLEETWAY

655 Highway 6 Bypass East, I.C.  
Mon.-Fri. till 9 p.m. Sat. till 5:30



# BREMERS



### Arctic (top)

Hard-working parka of 2-ply cotton-nylon Ramar cloth with extra-warm insulation of 12 oz. prime Northern goose down. Wind- and water-repellent, it has zipper-button double closure, patch-flap pockets, drawcord waist, storm cuffs, down-insulated snorkel hood and fur ruff (not an endangered species). Length 36". Sizes S, M, L, XL. \$100

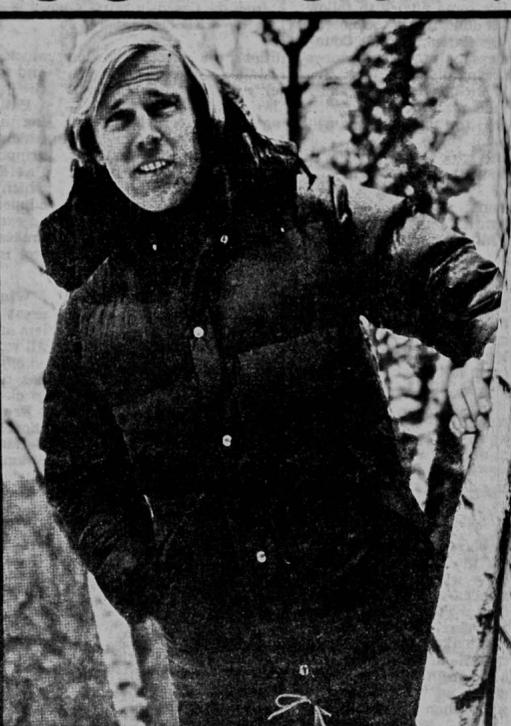
### Sierra Supreme (top right)

Our best-selling sweater jac in water-repellent 1.9 oz. Ripstop nylon with 8 oz. goose down insulation for unbeatable warmth. Features down-insulated pockets with Velcro closures, fly front with 2-way Delrin zipper and snaps, drawcord waist. Folds into its own inside stowaway pocket. Length 30". Sizes S, M, L, XL. \$48

### North Bay (bottom right)

Bold Hudson Bay stripes make this new outer coat as good to look at as it is to wear. Pure wool shell lined with Orlon pile. Hand warming muff, as well as flap pockets. Length 32". Sizes 36-46. \$50

# CHALLENGES THE OUTDOORS



## BREMERS 2 GREAT STORES 2 GREAT LOCATIONS

DOWNTOWN AND THE MALL SHOPPING CENTER  
Charge four ways: BankAmericard • Master Charge • American Express • Bremers Preferred

Downtown: Monday and Thursday 9:30 to 9:00  
Tuesday, Wednesday, Friday, Saturday 9:30 to 5:00  
Mall: Monday thru Friday, 12-9  
Saturday, 9:30 to 5:30  
Sunday, 12:00 to 5:00



## Experts Provide Advice On Safe Winter Driving

If you want to avoid wintertime motoring mishaps, here's some advice to follow—but don't follow too closely.

The Canada Safety Council says maintaining a proper following distance no matter how inconvenient this may be and maintaining a speed geared to the conditions will prevent these accidents.

The crux of the problem is the vehicle's contact with the road surface, often slippery in winter driving conditions. It can take up to nine times as long to stop on glare ice, for example, as on a dry surface.

Many drivers count on their snow tires to reduce their stopping distance on icy surfaces. They won't, Canada Safety Council tests demonstrated, although they improve traction on snow.

Studded tires reduce the stopping distance, especially in glare ice conditions, but can engender over-confidence because not all cars have studs so cannot stop in such a short distance.

### Time to Stop

A correct following distance gives the driver time to stop without hitting the car ahead or being struck by the car behind in both normal driving and when the car ahead makes an unexpected move. The driver needs plenty of room in which to maneuver in winter driving, especially when the visibility is poor.

In dry surface driving con-

Who are better qualified to give advice on winter driving than the skilled experts in Canada? That's why this article from the Canadian Safety Council is specially recommended to car drivers everywhere.

ditions, the correct following distance is one vehicle length for every 10 miles an hour. Or use the two second following distance formula.

Pick an object such as a telephone pole beside the road ahead. When the car ahead passes this object, start counting "a thousand and one, a thousand and two." If your car passes the object before you've finished counting, you're not keeping your distance. A formula good at any speed.

This following distance should be increased up to four times in winter driving conditions. Fresh snow is especially slippery. When ice conditions prevail, the speed should be reduced sharply and following distances increased up to nine car lengths for every 10 miles an hour of speed.

Speed too fast for the conditions and following too closely are involved in all rear-end collisions. Excessive speed is also responsible for many other winter accidents such as striking fixed objects beside the road.

### Need for Patience

Patience is the right attitude for winter driving. Starting off slowly and accelerating only as the driver feels the tires gripping the road surface. Patience when

stuck, rocking the car back and forth gently rather than tire spinning.

Patience when driving, going only at the speed at which you can feel the tires gripping the road surface. Patience when stopping which takes much longer on slippery surfaces and should be executed by pumping the brakes so that steering control is maintained.

### Visibility Hazard

Winter driving requires great attention to the problem of seeing and being seen. All windows should be cleared of snow, even if the driver has to stop in a snowstorm to clean them.

Front and rear lights should be visible at all times. Because winter driving conditions are often dirty, windshield washers should be maintained at the ready with the inclusion of anti-freeze solution.

When snow drifting makes driving impossible, motorists should wait it out for snow ploughs. But they should ensure there is some air circulation to prevent gassing by carbon monoxide, the silent, odorless killer.

To prevent accidents, drivers should always be aware that winter driving is more hazardous and alter their driving habits accordingly.

## Touching-up Before Trading-in Should Help Increase Car Value

If you're thinking of trading in your car, a few dollars and a few ounces of elbow grease can increase its value considerably. Assuming your car is in good mechanical condition, the following cosmetic touches should help bring you top dollar on your trade-in.

1. Clean engine block of excess grime
2. Scrub out the trunk
3. Touch up nicks and wax

4. Clean floor mats and replace them if badly worn
5. Clean upholstery
6. Clean the headlining and dash board area
7. Clean scuff marks from the door siding
8. Make certain all lights and turn signals are working
9. Polish chrome trim and remove rust from pitted area

for  
scaling  
Kilimanjaro,  
dodging  
rhinoceri,  
or your next  
big thing.

This one's un-styled and tough two ways:  
Tough for putting down the un-hip and  
Necktie People. And tough for real. You can hit  
the bricks all day and feel no pain. Get into them.



\$22.95

Available  
soon in  
women's  
styles.

Golden Brown leather  
Brown Suede & leather  
Blue Suede & Leather

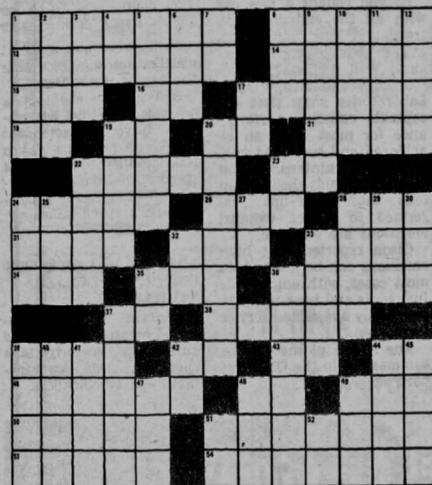


## LORENZ BOOT SHOP

DOWNTOWN MALL SHOPPING  
9:30—9, Mon. 12—9, Mon.—Fri.  
9:30—5, Tues.—Sat. 9:30—5:30, Sat.  
12—5, Sun.

Here's Another . . .

## CARE FOR YOUR CAR CROSSWORD PUZZLE



### ACROSS

- 1 Services for quicker starting lower emissions.
- 8 Plug, part of 1 Across.
- 13 Where onions and bad drivers end up (Three words).
- 14 Fine cloth material.
- 15 Initials on tombstone.
- 16 Proofreaders' mark for transpose.
- 17 British World War II hero.
- 18 And (Fr.).
- 19 French article.
- 20 Musical syllable.
- 21 French Author Andre —.
- 22 Mrs. Mesta.
- 23 Right—rain.
- 24 Spanish pine trees.
- 26 One of the harmful exhaust emissions.
- 28 Pollution-fighting valve.
- 31 Ripened.
- 32 What to do when engine oil gets low.
- 33 Vital part of brake system.
- 34 — can't take it with —.
- 35 Get a tune-up — time a year.
- 36 Bill Skowron's nickname.
- 37 Sammy Davis —.
- 38 Material in some tires.
- 39 So long (Ital.).
- 42 Women's Lib title.
- 43 — Louis, Mo.
- 44 Close-up (Abbrev.).
- 46 Look up to.
- 48 Hebrew letter.
- 49 One across help save this.
- 50 Part of distributor system.
- 51 Vital parts to keep oil clean.
- 53 Aides (Abbrev.).
- 54 Part of exhaust system.

### DOWN

- 1 Something frequently to check the pressure of.
- 2 Single entity.
- 3 Cat —.
- 4 Is (Spanish).
- 5 Says.
- 6 Miles — gallon.
- 7 Direction.
- 8 Common road sign.
- 9 What an engine may do when gas is too low an octane.
- 10 28 Across is an — pollution device.
- 11 Ogden.
- 12 — action, former suspension system.
- 17 Perkins or Barker.
- 19 Gasoline additive.
- 20 Important part of car body.
- 22 French for One Down.
- 23 Cutting tool.
- 24 Remuneration.
- 25 Independent Garage Owners (Abbrev.).
- 27 Military uniform color.
- 28 Sound (Greek).
- 29 Variety of lettuce.
- 30 — belts, vital cooling system parts.
- 32 Article.
- 33 Harmful engine deposit.
- 35 Double — nothing.
- 36 Me, — and I.
- 37 Universal —, drive, train component.
- 39 Aria de —.
- 40 Marriage ceremony responses.
- 41 Friends (Fr.).
- 42 Engineering degree (Abbrev.).
- 44 — for your car.
- 45 Moscow is its capital.
- 47 Highways (Abbrev.).
- 48 Musical term for "more."
- 49 Spotlight color device.
- 51 Kind of radio broadcast.
- 52 'Til Forbid (want ad term) (Abbrev.).

## Cooling System Forefall Emer

A cooling system tune-up doesn't take long—only about an hour and a half. And the cost is small compared to that of emergency service or major repairs.

In case your service station attendant or garage mechanic doesn't know about Tune-Up No. 2, ask him to check his flat-rate manual, or write to The Gates Rubber Company, 999 So. Broadway, Denver, Colorado 80217. Or, hand him this list of service points:

1. A visual check of coolant level for indication of leaks or excessive oil content.
2. Check with pressure tester for internal and external leaks.
3. Visual check of oil for water content.
4. Test thermostat for proper opening and closing.
5. Check of heater valves.
6. Check heat gauge for accuracy.
7. Drain and back flush cooling system.
8. Clean radiator core of bugs and check for clogging.
9. Clean engine if heavily covered with grease and oil.
10. Test radiator pressure cap.
11. Check radiator neck cap seat for nicks or scratches that could release pressure.
12. Check water pump bearings.

## HERCULES FOUR

### POLAR "125"

Plenty of performance at an economy price. Full 4-ply construction, with strong nylon cord body. Deep 18-32nds tread depth has over 6,000 biting edges. White and black wall.

### Polarpreme® "70"

Dual polyester cord & 2 fiberglass belts. "70" series means 18 percent wider tread than comparable low section tires. "Traction trac" tread grips road, yet runs smooth, quiet.

### Polarpreme® "78"

Popular 2-2 (2 polyester cords & 2 fiberglass belts) belted construction or proven 4-ply construction with polyester cords. Special tread design means positive stop & go traction. Modern whitewalls available.

Metal Safety Studs where permitted by



## GOING SOMEPLACE?



We can make the going easier with. . . . .

- Auto & Travel Expense Record Books
  - Games for the Children to play while traveling
  - Cycle and Sports Car Manuals
  - Travel Books and Atlases
- and for a dash of music . . . .
- 8-Track and Cassette Pre-Recorded Tapes

Iowa Book and Supply Co.

on the corner at Clinton and Iowa  
Open 9-9 Mondays  
9-5 Tues. thru Sat.

## SEE THE NEW 1973 LEVI GREMLIN



## KENNEDY'S AUTO MARKET

New Location Hiway 1 West 351-2775

# Advice Driving

Give advice on winter driving Canada? That's why this article is specially recommended

stuck, rocking the car back and forth gently rather than tire spinning.

Patience when driving, going only at the speed at which you can feel the tires gripping the road surface. Patience when stopping which takes much longer on slippery surfaces and should be executed by pumping the brakes so that steering control is maintained.

### Visibility Hazard

Winter driving requires great attention to the problem of seeing and being seen. All windows should be cleared of snow, even if the driver has to stop in a snowstorm to clean them.

Front and rear lights should be visible at all times. Because winter driving conditions are often dirty, windshield washers should be maintained at the ready with the inclusion of anti-freeze solution.

When snow drifting makes driving impossible, motorists should wait it out for snow ploughs. But they should ensure there is some air circulation to prevent gassing by carbon monoxide, the silent, odorless killer.

To prevent accidents, drivers should always be aware that winter driving is more hazardous and alter their driving habits accordingly.

## Touching-up Before Trading-in Should Help Increase Car Value

If you're thinking of trading in your car, a few dollars and a few ounces of elbow grease can increase its value considerably. Assuming your car is in good mechanical condition, the following cosmetic touches should help bring you top dollar on your trade-in.

1. Clean engine block of excess grime
2. Scrub out the trunk
3. Touch up nicks and wax

4. Clean floor mats and replace them if badly worn
5. Clean upholstery
6. Clean the headlining and dash board area
7. Clean scuff marks from the door siding
8. Make certain all lights and turn signals are working
9. Polish chrome trim and remove rust from pitted area

# for scaling Kilimanjaro, dodging rhinoceri, or your next big thing.

This one's un-styled and tough two ways: Tough for putting down the un-hip and Necktie People. And tough for real. You can hit the bricks all day and feel no pain. Get into them.



\$22.95

Available soon in women's styles.

Golden Brown leather  
Brown Suede & leather  
Blue Suede & Leather

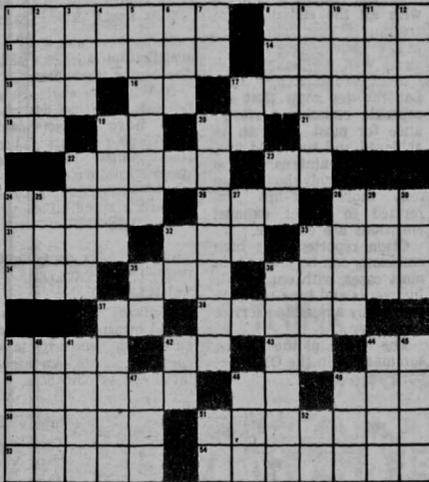


## LORENZ BOOT SHOP

DOWNTOWN 9:30-9, Mon. 9:30-5, Tues.-Sat.  
MALL SHOPPING 12-9, Mon.-Fri. 9:30-5:30, Sat. 12-5, Sun.

Here's Another . . .

## CARE FOR YOUR CAR CROSSWORD PUZZLE



- ACROSS**
- 1 Services for quicker starting lower emissions.
  - 8 — plug, part of 1 Across.
  - 13 Where onions and bad drivers end up (Three words).
  - 14 Fine cloth material.
  - 15 Initials on tombstone.
  - 16 Proofreaders' mark for transpose.
  - 17 British World War II hero.
  - 18 And (Fr.).
  - 19 French article.
  - 20 Musical syllable.
  - 21 French Author Andre —.
  - 22 Mrs. Mesta.
  - 23 Right — rain.
  - 24 Spanish pine trees.
  - 26 One of the harmful exhaust emissions.
  - 28 Pollution-fighting valve.
  - 31 Ripened.
  - 32 What to do when engine oil gets low.
  - 33 Vital part of brake system.
  - 34 — can't take it with —.
  - 35 Get a tune-up — time a year.
  - 36 Bill Skowron's nickname.
  - 37 Sammy Davis —.
  - 38 Material in some tires.
  - 39 So long (Ital.).
  - 42 Women's Lib title.
  - 43 — Louis, Mo.
  - 44 Close-up (Abbrev.).
  - 46 Look up to.
  - 48 Hebrew letter.
  - 49 One across help save this.
  - 50 Part of distributor system.
  - 51 Vital parts to keep oil clean.
  - 53 Aides (Abbrev.).
  - 54 Part of exhaust system.
- DOWN**
- 1 Something frequently to check the pressure of.
  - 2 Single entity.
  - 3 Cat —.
  - 4 Is (Spanish).
  - 5 Says.
  - 6 Miles — gallon.
  - 7 Direction.
  - 8 Common road sign.
  - 9 What an engine may do when gas is too low an octane.
  - 10 28 Across is an — pollution device.
  - 11 Ogden.
  - 12 — action, former suspension system.
  - 17 Perkins or Barker.
  - 19 Gasoline additive.
  - 20 Important part of car body.
  - 22 French for One Down.
  - 23 Cutting tool.
  - 24 Remuneration.
  - 25 Independent Garage Owners (Abbrev.).
  - 27 Military uniform color.
  - 28 Sound (Greek).
  - 29 Variety of lettuce.
  - 30 — belts, vital cooling system parts.
  - 32 Article.
  - 33 Harmful engine deposit.
  - 35 Double — nothing.
  - 36 Me, — and I.
  - 37 Universal —, drive, train component.
  - 39 Aria de —.
  - 40 Marriage ceremony responses.
  - 41 Friends (Fr.).
  - 42 Engineering degree (Abbrev.).
  - 44 — for your car.
  - 45 Moscow is its capital.
  - 46 Moscow is its capital.
  - 47 Highways (Abbrev.).
  - 48 Musical term for "more."
  - 49 Spotlight color device.
  - 51 Kind of radio broadcast.
  - 52 'Til Forbid (want ad term) (Abbrev.).

## Cooling System Check Can Forestall Emergency Repair

A cooling system tune-up doesn't take long—only about an hour and a half. And the cost is small compared to that of emergency service or major repairs.

In case your service station attendant or garage mechanic doesn't know about Tune-Up No. 2, ask him to check his flat-rate manual, or write to The Gates Rubber Company, 999 So. Broadway, Denver, Colorado 80217. Or, hand him this list of service points:

1. A visual check of coolant level for indication of leaks or excessive oil content.
2. Check with pressure tester for internal and external leaks.
3. Visual check of oil for water content.
4. Test thermostat for proper opening and closing.
5. Check of heater valves.
6. Check heat gauge for accuracy.
7. Drain and back flush cooling system.
8. Clean radiator core of bugs and check for clogging.
9. Clean engine if heavily covered with grease and oil.
10. Test radiator pressure cap.
11. Check radiator neck cap seat for nicks or scratches that could release pressure.
12. Check water pump bearings.

13. Check fan blades and pulley for alignment and balance.
14. Inspect all hose and clamps for deterioration.
15. Check core plugs and drain cocks for leakage.
16. Refill system with coolant and check for airlocks.
17. Recheck entire system for leaks.
18. Check and adjust tension of V-belts.
19. Check and reset ignition timing to eliminate ping.
20. In cases where cooling system continues to overheat, check other possible causes.
21. Replace belts, hose, clamps, thermostat and cap as necessary.

### AVOID FROZEN LINES

One protection against starting trouble in the winter is to keep your gas tank full as possible at all times. This action will help keep water vapor in the tank from freezing and thus blocking the fuel line.

### A TOUGH GRIND

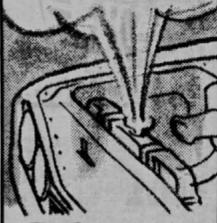
Do your standard transmission gears grind on a cold winter morning? The likely cause is that your gear lubricant is too heavy for the temperature, especially when starting out. Have your favorite mechanic check the condition.

Don't blow your cool!

# GET TUNE-UP NO. 2

Avoid engine overheating, road breakdowns, costly repairs by asking your service station operator for a Tune-Up No. 2—a thorough check of your car's entire cooling system before the trouble starts.

And if parts are needed, insist the replacements be Gates—top-quality V-belts, radiator hose and caps, heater hose, thermostats. They're available everywhere.



The Gates Rubber Company  
Denver, Colorado

## HERCULES BEATS WINTER FOUR DIFFERENT WAYS!

**POLAR "125"**



Plenty of performance at an economy price. Full 4-ply construction, with strong nylon cord body. Deep 18-32nds tread depth has over 6,000 biting edges. White and black wall.

**Polarpreme® "70"**



Dual polyester cord & 2 fiberglass belts. "70" series means 18 percent wider tread than comparable low section tires. "Traction trac" tread grips road, yet runs smooth, quiet.

**Polarpreme® "78"**



Popular 2.2 (2 polyester cords & 2 fiberglass belts) belted construction or proven 4-ply construction with polyester cords. Special tread design means positive stop & go traction. Modern whitewalls available.

Metal Safety Studs available where permitted by law

Check our prices for complete job cost



## Linder Tire Service

21 E. College 337-4163

Your independent Hercules dealer knows tires best!

## WINTER RETREADS

at bargain prices!

Example 775

# 13<sup>95</sup>

Mounting & Balancing Fee!

PLUS

New wheels in stock  
Studs available  
Free Mounting  
Free Balancing

For Correct Solutions See Page Seven

## SEE THE NEW 1973 LEVI GREMLIN



## KENNEDY'S AUTO MARKET

New Location Hiway 1 West 351-2775



120 E. COLLEGE

PH. 338-5495

STORE HOURS:

WEEKDAYS—9 AM to 9 PM  
SATURDAY—9 AM to 5 PM  
SUNDAY—NOON to 5 PM

AD GOOD TUE. OCT. 24th THRU SUN. OCT. 29th

**ACE AIR FILTERS**



COMPARES TO STANDARD EQUIPMENT  
REG. \$1.99 TO \$2.49  
**\$1.69**

**ACE OIL FILTERS**



COMPARES TO STANDARD EQUIPMENT  
REG. \$1.69  
**\$1.39**

**STP OIL TREATMENT**



MAKES YOUR CAR RUN SMOOTHER, QUIETER

15 OZ.  
REG. 87c  
**66c**

**PENNZOIL MOTOR OIL**

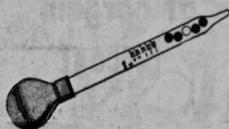


10-30 W MULTI WEIGHT

1 QT. REG. 53c

**39c**

**ANTI FREEZE OR BATTERY TESTER**



YOUR CHOICE  
Reg. 99c

**79c**

**WINDSHIELD WASHER ANTI-FREEZE & SOLVENT**



PROTECTS TO -25°  
PREMIXED  
1 GAL.

REG. 99c  
**69c**

**PRESTONE II**

ANTI-FREEZE & SUMMER COOLANT  
YEAR ROUND PROTECTION



**\$1.69**  
GALLON

**HEET**

GASLINE ANTI-FREEZE



• ABSORBS MOISTURE  
• CLEANS CARBURETOR  
**5 FOR \$1.00**

**Maintenance Is Key to Control Emissions**

So you bought a new car with all the emission controls on it. Now, your mind's at ease about excessive emissions. Well, it shouldn't be.

Studies conducted by Olson Laboratories show that acceptable emission performance for most cars can be achieved and sustained only by proper maintenance and repair. The study showed that only those tune-ups performed to reduce exhaust emissions are effective.

Olson reported that high emissions can be lowered, in most cases, with engine adjustments and tune-ups performed by a qualified service technician.

The results of the studies, summarized in the Olson report, suggested:

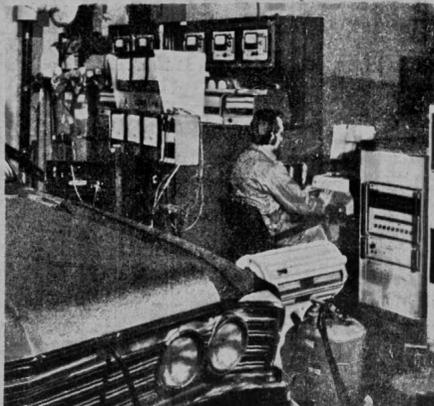
tion connections to the air pump, hoses, valves and air

distribution manifolds while the engine is stopped.

B. With the engine at a normal operating temperature, have the attendant check and/or adjust ignition timing, idle mixture and idle speed according to the analyzer readings and to manufacturer's specification.

**ADDITIONAL PROCEDURES FOR "UNCONTROLLED VEHICLES"**

A. Have the service specialist measure idle rpm and adjust, if necessary, to a speed no slower than manufacturer's specifications.



Checking emissions of thousands of cars to amass their data, technicians at Olson Laboratories discovered one common factor: No matter how effective anti-pollution devices are on cars, they still have to be maintained for lowest possible emissions.

FIRST, that the incorporation of emission controls on cars does not assure continued low emissions because the control systems tend to deteriorate in their performance;

SECOND, with proper maintenance and adjustments, vehicles will continue to operate with lower emission levels.

Olson recommends the use of infra-red exhaust analyzer equipment by qualified service personnel in order that accurate inspection can be performed — and for determining corrective adjustments, service or replacement. This type of equipment measures the hydrocarbon and carbon monoxide emissions produced by car engines and provides other information about their performance and economy.

Various ignition system malfunctions, which can be detected with this type of equipment, will usually increase undesirable emissions and reduce performance and economy.

The appropriate inspection and corrective measures suggested by Olson include:

**CRANKCASE DEVICES**

A. Have a qualified service specialist, using an infra-red exhaust analyzer, test the device for satisfactory operation with the engine warm and at idle condition.

B. Have the device cleaned, serviced or replaced according to the analyzer reading and manufacturer's recommended instructions.

**EXHAUST EMISSION CONTROL SYSTEM**

A. Have a qualified service attendant check all installa-

B. Have the service specialist measure ignition timing and point dwell; adjust, if necessary, to manufacturer's specifications.

C. Have the service specialist measure the air/fuel ratio and adjust, if necessary, to between 12.5 and 13.5 to 1.

Olson Laboratories, Inc., a subsidiary of Northrup Corporation, Anaheim, California, is an independent testing and manufacturing organization specializing in automotive engineering and motor emission studies.

**Inflation Helpful**

Remember how Dad always used to let some air out of his tires when the snow got over two inches deep? Grandpa had told him this would increase his traction.

Now, a new generation has come along to tell it like it is. It's like this: Your tires actually lose some of their bite when you let air out of them.

If you want good winter traction, put on a set of snow tires—maybe studded (where legal) — or buy some chains. However you do it, do not experiment with your tire pressure. Besides the traction situation, underinflation can waste 20% or more of your gasoline.

The advantages of proper tire pressure checks are increased safety, better handling and longer, more even tread wear.



Jake Bustad



Dave Breen



Rusty Anciaux



Donna Besgrove



Vickie Huisenga



Jerry Mullinnix



Ed Rocksvold

**WE'RE NUMBER ONE THIN**

THINK PAYMENT

Toyota Costs Less!

THINK MILEAGE

Toyota Gets More!

"With our 1972 Toyota Celica, we get 27 to conditioner in hard highway driving..."

THINK DEPRECIATION . . .

THINK QUALITY OF WORK

THINK SERVICE

"I have never had any problems getting my Toy always been done as quickly as possible with

THINK TOYOTA!

WE'RE NUMBER 1! SIX YEARS AGO SOLD HIS FIRST TOYOTA, NOW WE NUMBER 1 IMPORT DEALER!

**Jake Bustad**

HIGHWAY 6 & 218 West, Coralville

## Maintenance Is Key to Control Emissions

So you bought a new car with all the emission controls on it. Now, your mind's at ease about excessive emissions. Well, it shouldn't be.

Studies conducted by Olson Laboratories show that acceptable emission performance for most cars can be achieved and sustained only by proper maintenance and repair. The study showed that only those tune-ups performed to reduce exhaust emissions are effective.

Olson reported that high emissions can be lowered, in most cases, with engine adjustments and tune-ups performed by a qualified service technician.

The results of the studies, summarized in the Olson report, suggested:

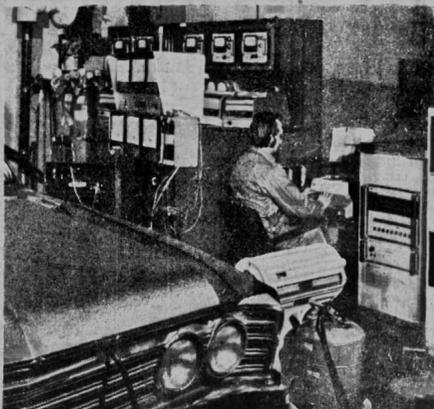
tion connections to the air pump, hoses, valves and air

distribution manifolds while the engine is stopped.

B. With the engine at a normal operating temperature, have the attendant check and/or adjust ignition timing, idle mixture and idle speed according to the analyzer readings and to manufacturer's specification.

### ADDITIONAL PROCEDURES FOR "UNCONTROLLED VEHICLES"

A. Have the service specialist measure idle rpm and adjust, if necessary, to a speed no slower than manufacturer's specifications.



Checking emissions of thousands of cars to assess their data, technicians at Olson Laboratories discovered one common factor: No matter how effective anti-pollution devices are on cars, they still have to be maintained for lowest possible emissions.

FIRST, that the incorporation of emission controls on cars does not assure continued low emissions because the control systems tend to deteriorate in their performance;

SECOND, with proper maintenance and adjustments, vehicles will continue to operate with lower emission levels.

Olson recommends the use of infra-red exhaust analyzer equipment by qualified service personnel in order that accurate inspection can be performed — and for determining corrective adjustments, service or replacement. This type of equipment measures the hydrocarbon and carbon monoxide emissions produced by car engines and provides other information about their performance and economy.

Various ignition system malfunctions, which can be detected with this type of equipment, will usually increase undesirable emissions and reduce performance and economy.

The appropriate inspection and corrective measures suggested by Olson include:

**CRANKCASE DEVICES**  
A. Have a qualified service specialist, using an infra-red exhaust analyzer, test the device for satisfactory operation with the engine warm and at idle condition.

B. Have the device cleaned, serviced or replaced according to the analyzer reading and manufacturer's recommended instructions.

**EXHAUST EMISSION CONTROL SYSTEM**  
A. Have a qualified service attendant check all installa-

B. Have the service specialist measure ignition timing and point dwell; adjust, if necessary, to manufacturer's specifications.

C. Have the service specialist measure the air/fuel ratio and adjust, if necessary, to between 12.5 and 13.5 to 1.

*Olson Laboratories, Inc., a subsidiary of Northrup Corporation, Anaheim, California, is an independent testing and manufacturing organization specializing in automotive engineering and motor emission studies.*

## Inflation Helpful

Remember how Dad always used to let some air out of his tires when the snow got over two inches deep? Grandpa had told him this would increase his traction.

Now, a new generation has come along to tell it like it is. It's like this: Your tires actually lose some of their bite when you let air out of them.

If you want good winter traction, put on a set of snow tires—maybe studded (where legal) — or buy some chains. However you do it, do not experiment with your tire pressure. Besides the traction situation, underinflation can waste 20% or more of your gasoline.

The advantages of proper tire pressure checks are increased safety, better handling and longer, more even tread wear.



Jake Bustad



Dave Breen



Rusty Anciaux



Donna Besgrove



Vickie Huisenga

# WE'RE NUMBER ONE! THINK!

T  
O  
Y  
O  
T  
A

THINK PAYMENT

*Toyota Costs Less!*

THINK MILEAGE

*Toyota Gets More!*

"With our 1972 Toyota Celica, we get 27 to 28 miles per gallon using our air conditioner in hard highway driving..."

Melvin Colter  
Elsie Colter

THINK DEPRECIATION ...

THINK QUALITY OF WORKMANSHIP ...

THINK SERVICE

"I have never had any problems getting my Toyota Mark II serviced. Work has always been done as quickly as possible with a minimum of inconvenience."

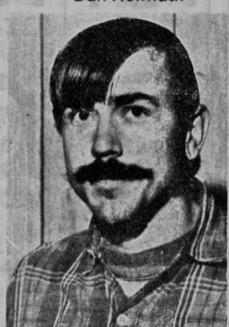
Maynard Whitebook

THINK TOYOTA!

WE'RE NUMBER 1! SIX YEARS AGO JAKE BUSTAD SOLD HIS FIRST TOYOTA, NOW WE'RE IOWA CITY'S NUMBER 1 IMPORT DEALER!



Dan Helmuth



Charles Kleinschmidt



Jerry Mullinnix



Ed Rocksvold



Gary Besgrove



Gene Gerrard

# Jake Bustad Toyota

HIGHWAY 6 & 218 West, Coralville

351-1501

**ACE OIL FILTERS**

PH. 338-5495

9 to 9 PM  
M to 5 PM  
to 5 PM

SUN. OCT. 29th

**ACE OIL FILTERS**

COMPARES TO STANDARD EQUIPMENT

REG. \$1.69

**\$1.39**

**PENNZOIL MOTOR OIL**

10-30 W MULTI WEIGHT

1 QT. REG. 53c

**39c**

**WINDSHIELD WASHER**

ANTI-FREEZE & SOLVENT

PROTECTS TO -25°

PREMIXED 1 GAL.

REG. 99c

**69c**

**HEET**

GASLINE ANTI-FREEZE

ABSORBS MOISTURE

CLEANS CARBURETOR

5 FOR \$1.00

# Engine Welcomes Motorists to New 'Rotary' Club

Welcome to the rotary club — the rotary club of Dr. Felix Wankel, whose revolutionary new engine made its appearance in Germany in 1956, and is possibly going to be the power plant for many automobiles in ten years.

The rotary-powered Mazda, made by Toyo Kogyo Company in Hiroshima, Japan, has already made its appearance in this country with the RX2 sedan.

Experts in the automobile industry say there is a real possibility that domestic made rotary-engined cars will be in the nation's showrooms on a limited basis by 1974 or 1975.

Sooner or later you may be driving — maybe even owning — one of these remarkable cars, so you'll want to know a little about what makes the engine go.

It's a gasoline-burning, internal-combustion engine which uses rotary motion to drive the wheels instead of the up-and-down motion of a piston engine. If you were to take the cover off the top

of the rotary and look down into it, you would see what looks like a triangle turning inside a chamber which is shaped like a slightly flattened circle.

### Three Chambers

Each side of the triangle blocks off an arc of the circular chamber to form three smaller, crescent-shaped chambers. As the triangle, or rotor, turns, the positions of the three crescent-shaped chambers move around inside the large, circular chamber. The intake-compression-ignition-expansion-exhaust sequence occurs in the three crescent-shaped chambers, causing the rotor to spin.

The rotor, which turns not on its axis but in a slightly eccentric motion, is attached to a drive shaft to turn the car's wheels.

The rotary motion is almost vibrationless, and it constitutes one of the rotary engine's most significant advantages over the piston engine.

Ignition in the rotary is caused by two spark plugs.

Because of the rotary's characteristics, the plugs have to function with a considerably reduced cooling cycle. To do the job properly an entirely new plug was developed by Champion Spark Plug Company. It has two ground electrodes instead of the usual one. In addition, a copper-coated center electrode is used to permit the better heat conductivity demanded by the rotary.

### No Pistons

Dr. Wankel's creation has no pistons, as we said before; neither does it have a crankshaft, camshafts or valve gear. It is remarkable in that it uses about one-third the number of parts of a piston engine, is one-half the weight of the piston power plant, and develops the horsepower of a piston engine twice its size.

Reasonable fuel economy (on unleaded, low-octane gasoline) and acceptable oil consumption are characteristics of rotary engines.

### What about service?

If the engine is operated within the recommended range, the life of the seals and bearings should run between 60,000 and 100,000 miles. As the rotary state-of-the-art is perfected, that life

are used to take it apart and put it back together again. And there's no problem of having to re-educate an entire service and supply force. Any competent mechanic should be able to service the rotary after a week or two of instruction.

### ROTARY MODEL KIT AVAILABLE

An operating, 1/5 scale model of the rotary engine has been developed for hobbyists.

Available in kit form the engine is constructed of heavy plastic housing to allow observation of the rotary's inner workings.

Price of the kit is \$7.50 which includes postage and handling. It can be obtained from The Gallery, Dept. 4480, Amsterdam, N.Y. 12010.

should be extended.

After you've joined the rotary club you'll be pleasantly surprised to learn that for all its differences, the rotary still uses the same carburetor, wiring, tubing, alternator, ignition system, etc. as the piston engine. The same tools

### SLOWPOKE DANGEROUS

The slowpoke on the expressway is just as dangerous as the speeder. If traffic streams past you or you are leading a slow parade in your lane, speed up or get off the expressway. You are a hazard when you block traffic.



**Guard against winter**

Get Your **FREE NFL ACTION PLAYER ALBUM** with a tune-up or lube-oil and filter. \$2.99 value **FREE!** WHILE THEY LAST.

Engine — Battery — Cooling System — Lights — Wipers  
Tires — Brakes — Lubrication — Exhaust — Heaters

**BARNEYS**  
112 So. Linn 351-9928

We're so convenient, you can drop your car off and go to class or shop downtown.

**Does your car stand out in a crowd?**

In all the wrong ways? Salt from winter's roads can eat through your car's finish leaving nothing but ugly rust. This can be prevented by washing your car frequently. Not once a month, but once a week.

Now, with winter coming on, we stand ready to keep your car in top shape. Our thorough wash and protective coating of hot wax is the best protection against rust that we know of. We've been washing cars longer—and doing a faster and better job of it than any car wash in this area.

We believe you'll think so too.

**CAPITOL AUTO-MAT**

Hiway 1 West One block west of Wardway

## Rear-Mounted Light Cluster Signals Exact Driver Action

Imagine a world without traffic lights and think of the total confusion that would result.

If a proposed bill passes the U.S. Congress, every car manufactured will have its own version of traffic lights mounted on the rear end.

Should the proposal become law, automobiles would be equipped with a Tri-light system. The lights would signal the actions of the driver to other drivers in cars to the rear.

This light cluster would include the following:

1. The present rear red lights which signal the application of brakes.

2. Two rear amber lights that are activated when both the gas pedal and brake pedal are not depressed. (Or

when the driver is about to stop or about to start up again.)

3. Two rear green lights activated by a depressed gas pedal. (Or when the driver has started up again.)

4. Amber rear turn signals, integrated with the amber lights in Point 2.

It is estimated the system would cost \$15 per car.

Purpose of the system is to create more exact communication between drivers. It is hoped by proposers of the legislation that the number of rear-end collisions would be markedly reduced.

About half of the accidents occurring on the highway are of the rear-end collision variety and ten percent of the fatalities result from rear-end smash-ups.

# An untuned car starting

**It's more than just a car.**

Much more. Winter tests on motorists' cars showed that untuned cars had over twice the "won't starts" tuned cars had.

A major reason for this is worn spark plugs. They demand twice the voltage of plugs in good condition. And on a cold day, your battery supplies less voltage. When the supply can't meet the demand, your car won't start. No matter

## Motorists to New 'Rotary' Club

Because of the rotary's characteristics, the plugs have to function with a considerably reduced cooling cycle. To do the job properly an entirely new plug was developed by Champion Spark Plug Company. It has two ground electrodes instead of the usual one. In addition, a copper-coated center electrode is used to permit the better heat conductivity demanded by the rotary.

### No Pistons

Dr. Wankel's creation has no pistons, as we said before; neither does it have a crankshaft, camshafts or valve gear. It is remarkable in that it uses about one-third the number of parts of a piston engine, is one-half the weight of the piston power plant, and develops the horsepower of a piston engine twice its size.

Reasonable fuel economy (on unleaded, low-octane gasoline) and acceptable oil consumption are characteristic of rotary engines.

### What about service?

If the engine is operated within the recommended range, the life of the seals and bearings should run between 60,000 and 100,000 miles. As the rotary state-of-the-art is perfected, that life

are used to take it apart and put it back together again.

And there's no problem of having to re-educate an entire service and supply force. Any competent mechanic should be able to service the rotary after a week or two of instruction.

### ROTARY MODEL KIT AVAILABLE

An operating, 1/5 scale model of the rotary engine has been developed for hobbyists.

Available in kit form the engine is constructed of heavy plastic housing to allow observation of the rotary's inner workings.

Price of the kit is \$7.50 which includes postage and handling. It can be obtained from The Gallery, Dept. 4480, Amsterdam, N.Y. 12010.

### should be extended.

After you've joined the rotary club you'll be pleasantly surprised to learn that for all its differences, the rotary still uses the same carburetor, wiring, tubing, alternator, ignition system, etc. as the piston engine. The same tools

### SLOWPOKE DANGEROUS

The slowpoke on the expressway is just as dangerous as the speeder. If traffic streams past you or you are leading a slow parade in your lane, speed up or get off the expressway. You are a hazard when you block traffic.

### Guard against winter



Get Your  
**FREE**  
**NFL ACTION**  
**PLAYER ALBUM**

with a tune-up  
or lube-oil and filter.

~~\$2.99~~ value **FREE!**

WHILE THEY LAST.

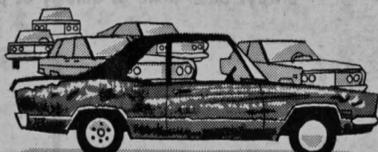
Engine — Battery — Cooling System — Lights — Wipers  
Tires — Brakes — Lubrication — Exhaust — Heaters

## BARNEYS

112 So. Linn 351-9928




We're so convenient, you can drop your car off and go to class or shop downtown.



### Does your car stand out in a crowd?

In all the wrong ways? Salt from winter's roads can eat through your car's finish leaving nothing but ugly rust. This can be prevented by washing your car frequently. Not once a month, but once a week.

Now, with winter coming on, we stand ready to keep your car in top shape. Our thorough wash and protective coating of hot wax is the best protection against rust that we know of. We've been washing cars longer—and doing a faster and better job of it than any car wash in this area.

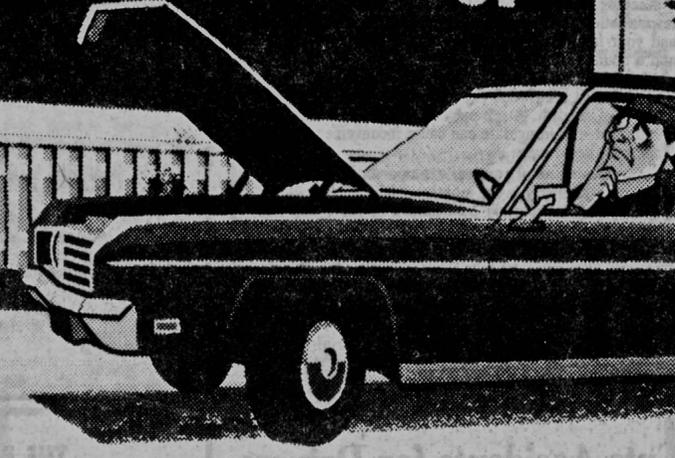
We believe you'll think so too.

## CAPITOL AUTO-MAT

Hiway 1 West

One block west of Wardway

# An untuned car is starting trouble.



## It's more than just a slogan.

Much more. Winter tests on motorists' cars showed that untuned cars had over twice the "won't starts" tuned cars had.

A major reason for this is worn spark plugs. They demand twice the voltage of plugs in good condition. And on a cold day, your battery supplies less voltage. When the supply can't meet the demand, your car won't start. No matter

how hard you try.

So please consider our "slogan" and see your mechanic for his engine tune-up now—before trouble strikes. You'll enjoy dependable starts. Plus better acceleration and gas mileage. And reduced emissions, too.



Toledo, Ohio 43601

## Improved Maintenance Now a Vital Concern To the Entire Community

The condition your car is in is everybody's business. Car Care is no longer just a personal whim for your own convenience but affects every other person in your community.

With every conscientious person in this country vitally concerned with the environment, the engine has undergone close scrutiny. It has become fashionable to criticize the automobile maker, casting complete blame for air pollution on his shoulders.

Yet, car makers have already reduced pollution 65% to 80% since 1960. And in the next few years harmful pollutants will be reduced to nearly zero, according to top automotive officials like General Motors' Ed Cole.

But without conscientious maintenance on the part of the owner, no system can function properly. Studies show that an untuned engine, for example, spews as much as four times the rate of harmful emissions as a tuned one.

The motorist's responsibility to his fellow man extends even beyond this vital area.

Keeping safety components in good condition is a sign of responsibility to your fellow motorists as well as yourself and your family. That includes tires, brakes, visibility items and a number of related systems.

Maintaining your car so that there is a minimum risk of breakdown on a crowded expressway or street is another indication of concern. A sub-par engine that sputters to a stop on a crowded thoroughfare can cause inconvenience to thousands of other drivers.

By keeping all of your car's components in good condition, particularly in the months of foul weather ahead, you make an important contribution to the health and safety of your country.

And you can easily live up to your responsibility by taking your car into your favorite service outlet for its expert assistance.

As the poet John Donne wrote, "No man is an island unto himself."

To make this "island" more habitable, care for your car.

## Daytime Use of Car Lights Cuts Accidents for Drivers

Fall and winter driving means increased hours of darkness. Obviously, your car's lights will be getting more use. But do you use your lights as much as you should?

According to professional drivers, use of headlights has an effect on safety. Checker Cab Company in Chicago conducted a 12-month experiment where drivers put on their headlamps during the day as well as at night.

The result was a 10 percent decrease in accidents. Bodily injury accidents were reduced 12 percent.

Why the decrease? According to Checker, "First, by physically turning on and shutting off the headlights, the driver is reminded he is doing something for

safety. "Second, pedestrians and other drivers are constantly telling our men that their lights are on and this serves as a further reminder of safety to the driver. Also, when Checker drivers see other Checker cabs with their headlights on, they think of safety."

Other reasons offered for increased use of headlights:

- A car with lights on appears closer. Therefore, other drivers will keep a greater distance from you.

- With lights on during dark or inclement weather, you are seen more readily. This is particularly important at intersections and in congested commercial areas where store signs can cause confusion.

### SPECIAL!

DAILY, WEEKLY AND WEEKEND RATES

Budget features GM cars

## BUDGET-RENT-A-CAR

has a wide variety of cars to choose from...and one especially for you!!

Pickup and Delivery Service

**Budget Rent a Car**

337-5555

1025 S. Riverside Dr.



### never-wind watch with date dial

It's electronically powered by a tiny cell smaller than an aspirin tablet and remains at full capacity for a year or longer. It can be replaced quickly, easily and inexpensively. You just forget you ever had a watch that needed winding and rely implicitly on the Tissot Electronic to tell you the exact time and exact date at a glance! Blue dial, stainless steel water-resistant case. \$99.50



JEWELERS SINCE 1854  
109 E. WASHINGTON

### THE BOOT THAT STARTED IT ALL!

THE ORIGINAL **dunham**

## WAFFLE-STOMPERS

America's Favorite Sport Boot!



Here's the GENUINE Dunham "Waffle Stomper" that first hit the sports scene. A great boot for hiking thru the Autumn woods, lodge wear after the ski slopes, football and hockey games, or for just leisure wear through fall and winter. So comfortable, you won't know you are wearing them!

#### MEN'S STYLES—

Brown and Blue Suede 26<sup>00</sup>  
Brown Leather 30<sup>00</sup>  
Sizes 7 thru 12

#### WOMEN'S STYLES—

Brown and Blue Suede 26<sup>00</sup>  
Sizes 5 thru 10

- Vibram Sole
- Cushioned Insole
- Padded Lining
- Speed Laces
- Heavy Steel Shank
- Reinforced Toe

**Country Cobbler**

126 E. Washington

- If you suddenly lose the heat from your heater, you can suspect:
  - A frozen fuel line
  - A faulty thermostat
  - A clogged air cleaner.
- If you can't start despite the fact that the battery is operating, one possible cause is:
  - You're using the wrong grade of fuel
  - Your transmission needs attention
  - The ignition system is not operating effectively.
- All but one of these is a key ingredient in a pre-winter engine tune-up:
  - Install new spark plugs
  - Check all anti-pollution systems
  - Check and if needed replace distributor components
  - Check universal joint.
- One reason to make certain your battery is in good condition for winter is that:
  - The battery operates at only 60 percent efficiency at 32° F
  - Battery cables get brittle in cold weather
  - Snow causes diversion of electrons.
- Due to more frequent start-and-stop driving in winter you should:
  - Adjust the brakes to compensate
  - Change oil more frequently
  - Switch to high octane fuel.
- When going into a skid on icy pavement do the following:
  - Turn the wheel in the direction of the skid
  - Use your emergency brake
  - "Rev" the engine.
- You can detect carbon monoxide that enters the car from a faulty muffler by:
  - A faint odor like ripe bananas
  - A bluish haze
  - A low rumbling noise
  - None of these.
- Permanent anti-freeze still needs periodic replacement because:
  - After a year it can contaminate your gasoline
  - Through chemical breakdown it can lose its anti-rust properties
- When mounting winter tires on the rear wheels:
  - Make sure they are compatible in size and design with the tires in front
  - Allow for a little over-inflation to provide more traction
  - Put the whitewall part inside for extra stability in deep snow.
- It's important to wash your car more frequently in the winter because:
  - Body dirt, in cold weather, can be permanently frozen into the paint
  - Car washes generally offer winter specials
  - Salt used in melting ice on highway can be injurious to the body.

(Some of these conditions warrant a trip to your favorite service outlet for corrections.)

ANSWERS: 1. (B) 2. (C) 3. (D) 4. (A) 5. (B) 6. (A) 7. (D) 8. (A) 9. (A) 10. (C)

## Battery at Fault in Only 10 Percent of 'No-Starts'

Blaming the battery for starting failure is like blaming your nose for a cold. Both are usually victims of something else that's amiss.

According to battery maker Globe-Union Inc., the battery is only to blame 10 percent of the time when the engine won't turn over. If the battery is run down during unsuccessful starting attempts, most likely it lost its pep due to some other cause.

According to Richard Burkard, Globe Union's quality assurance manager, "Either the car will start within the

first 15-20 seconds or you have another problem that can run down the battery."

To start quickly in cold weather, the points, spark plugs, coil and fuel system must all be operating at peak efficiency. A well-tuned engine is the best assurance against a dead battery.

In cases where the battery is the cause of starting failure, the battery may be frozen. Expansion of freezing water may crack the battery plates. To protect against freezing, make certain the battery is always charged fully.

### Follow Four Simple Precautions When Starting 'Dead' Engines

Using a jumper cable to start a car with a run-down battery is a relatively simple matter. That is, if you know what you are doing and take some simple precautions.

Battery technicians suggest the following procedures when using jumper cables.

- Start the engine of the car used as the "booster."
- Connect one end of the positive cable to the positive terminal of the booster battery. Then put the other positive cable to the positive terminal of the disabled battery.
- Connect the negative cable to the negative post of the booster battery. Then connect the other negative cable to the bumper,

frame or engine block of the car to be started.

4. Now try to start the "dead" engine.

Do not connect with the negative post of the disabled battery. The spark created by the connection could create an explosion if there is an excess of gasoline fumes or raw gasoline present.

Positive terminals are usually designated by + (plus sign). Negative terminals are usually identified by - (minus sign).

One last word of caution. If you are not certain you're doing it correctly, don't do it. Instead, call a professional service man. It could save you expense and trouble in the long run.

### Keep a Wary Eye On Non-Motorist

Motorists are not the only ones who use the streets and highways. Pedestrians often jaywalk, children hidden by parked cars dart into the street, cyclists sometimes ride as if they were in an empty field, and animals give little heed to traffic.

All such irresponsible behavior is aggravated during bad weather, when people become more impatient.

Keep your eyes moving to spot these potential emergencies. Don't depend on others to know the safety rules.

## FREE

EARLY BIRD

**HURRY Limited Offer!**



**PAY**

Buy winter tires January 1973. January due date

3 M

Drive in for a FREE tire air pressure check!

STORE HOURS



**never-wind watch with date dial**

It's electronically powered by a tiny cell smaller than an aspirin tablet and remains at full capacity for a year or longer. It can be replaced quickly, easily and inexpensively. You just forget you ever had a watch that needed winding and rely implicitly on the Tissot Electronic to tell you the exact time and exact date at a glance! Blue dial, stainless steel water-resistant case.

\$99.50



JEWELERS SINCE 1854  
109 E. WASHINGTON

- If you suddenly lose the heat from your heater, you can suspect:
  - A frozen fuel line
  - A faulty thermostat
  - A clogged air cleaner.
- If you can't start despite the fact that the battery is operating, one possible cause is:
  - You're using the wrong grade of fuel
  - Your transmission needs attention
  - The ignition system is not operating effectively.
- All but one of these is a key ingredient in a pre-winter engine tune-up:
  - Install new spark plugs
  - Check all anti-pollution systems
  - Check and if needed replace distributor components
  - Check universal joint.
- One reason to make certain your battery is in good condition for winter is that:
  - The battery operates at only 60 percent efficiency at 32° F
  - Battery cables get brittle in cold weather
  - Snow causes diversion of electrons.
- Due to more frequent start-and-stop driving in winter you should:
  - Adjust the brakes to compensate
  - Change oil more frequently
  - Switch to high octane fuel.
- When going into a skid on icy pavement do the following:
  - Turn the wheel in the direction of the skid
  - Use your emergency brake
  - "Rev" the engine.
- You can detect carbon monoxide that enters the car from a faulty muffler by:
  - A faint odor like ripe bananas
  - A bluish haze
  - A low rumbling noise
  - None of these.
- Permanent anti-freeze still needs periodic replacement because:
  - After a year it can contaminate your gasoline
  - Through chemical breakdown it can lose its anti-rust properties
- One of its components, neonyl, pollutes the air after two years.
- When mounting winter tires on the rear wheels:
  - Make sure they are compatible in size and design with the tires in front
  - Allow for a little over-inflation to provide more traction
  - Put the whitewall part inside for extra stability in deep snow.
- It's important to wash your car more frequently in the winter because:
  - Body dirt, in cold weather, can be permanently frozen into the paint
  - Car washes generally offer winter specials
  - Salt used in melting ice on highway can be injurious to the body.

(Some of these conditions warrant a trip to your favorite service outlet for corrections.)

ANSWERS: 1. (B) 2. (C) 3. (A) 4. (A) 5. (B) 6. (A) 7. (A) 8. (A) 9. (A) 10. (A)



Careful attention to little nicks and scratches on your car will help them from becoming large rust holes. Having a professional do the needed repairs may save you hundreds of dollars in trade-in value for that's the difference between a car in top shape and one that shows body damage. (Photo Courtesy of The DeVilbiss Company)

**SUPER SPECIAL FROM Clark Oil & Mr. Quik Hamburgers**

FREE MR. QUIK HAMBURGER with a purchase of QUALITY CLARK GASOLINE (8 gal. min.)

Offer good at both Clark stations  
514 E. Burlington  
Hiway 6 West, Coralville

Redeem Coupons at Mr. QUIK, Hiway 6 West, Coralville

**Battery at Fault in Only 10 Percent of 'No-Starts'**

Blaming the battery for starting failure is like blaming your nose for a cold. Both are usually victims of something else that's amiss. According to battery maker Globe-Union Inc., the battery is only to blame 10 percent of the time when the engine won't turn over. If the battery is run down during unsuccessful starting attempts, most likely it lost its pep due to some other cause. According to Richard Burkard, Globe Union's quality assurance manager, "Either the car will start within the first 15-20 seconds or you have another problem that can run down the battery." To start quickly in cold weather, the points, spark plugs, coil and fuel system must all be operating at peak efficiency. A well-tuned engine is the best assurance against a dead battery. In cases where the battery is the cause of starting failure, the battery may be frozen. Expansion of freezing water may crack the battery plates. To protect against freezing, make certain the battery is always charged fully.

**Follow Four Simple Precautions When Starting 'Dead' Engines**

- Using a jumper cable to start a car with a run-down battery is a relatively simple matter. That is, if you know what you are doing and take some simple precautions. Battery technicians suggest the following procedures when using jumper cables.
    - Start the engine of the car used as the "booster."
    - Connect one end of the positive cable to the positive terminal of the booster battery. Then put the other positive cable to the positive terminal of the disabled battery.
    - Connect the negative cable to the negative post of the booster battery. Then connect the other negative cable to the bumper, frame or engine block of the car to be started.
    - Now try to start the "dead" engine.
- Do not connect with the negative post of the disabled battery. The spark created by the connection could create an explosion if there is an excess of gasoline fumes or raw gasoline present. Positive terminals are usually designated by + (plus sign). Negative terminals are usually identified by - (minus sign). One last word of caution. If you are not certain you're doing it correctly, don't do it. Instead, call a professional service man. It could save you expense and trouble in the long run.

**Keep a Wary Eye On Non-Motorist**

Motorists are not the only ones who use the streets and highways. Pedestrians often jaywalk, children hidden by parked cars dart into the street, cyclists sometimes ride as if they were in an empty field, and animals give little heed to traffic. All such irresponsible behavior is aggravated during bad weather, when people become more impatient. Keep your eyes moving to spot these potential emergencies. Don't depend on others to know the safety rules.

**Firestone the people the people**

EARLY BIRD BUYS! BUY YOUR WINTER TIRES NOW...

**HURRY! Limited Time Offer!**

**SALE**

**Firestone TOWN & COUNTRY RETREADS**



**2\$ 22 FOR**

6.00-13 Blackwall. Plus 35¢ per tire Fed. Ex. tax and 2 recappable tires off your car.

6.50-13 FOR \$24	6.95-14 FOR \$26
7.00-13 FOR \$24	6.95-14 FOR \$26
7.35-14 15 FOR \$28	8.25-14 FOR \$30
7.75-14 15 FOR \$28	8.25-14 FOR \$30
8.55-14 FOR \$32	8.85-14 15 FOR \$34
8.95-15 FOR \$32	9.50-14 FOR \$34

Blackwall. All prices plus 37¢ to 67¢ per tire Fed. Ex. tax and 2 recappable tires off your car. WHITEWALLS ONLY \$1.50 PER TIRE MORE

**PAY NOTHING TIL JAN.'73**

Buy winter tires on Firestone Revolving Charge and pay nothing until January 1973. No interest or handling charges when you pay in full on January due date.

**3 MORE CONVENIENT WAYS TO CHARGE...**

Drive in for a FREE tire air pressure check!

**Firestone the people the people**

231 E. Burlington Iowa City 338-5469

STORE HOURS: Mon. 8-9 p.m.; Tues.-Fri. 8-5:30 p.m.; Sat. 8-3 p.m.

**THE BOOT THAT STARTED IT ALL!**

THE ORIGINAL **dunham**

**WAFFLE-STOMPERS**



America's Favorite Sport Boot!

Here's the GENUINE Dunham "Waffle Stomper" that first hit the sports scene. A great boot for hiking thru the Autumn woods, lodge wear after the ski slopes, football and hockey games, or for just leisure wear through fall and winter. So comfortable, you won't know you are wearing them!

MEN'S STYLES—	WOMEN'S STYLES—
Brown and Blue Suede <b>26<sup>00</sup></b>	Brown and Blue Suede <b>26<sup>00</sup></b>
Brown Leather <b>30<sup>00</sup></b>	
Sizes 7 thru 12	Sizes 5 thru 10

- Vibram Sole
- Cushioned Insole
- Padded Lining
- Speed Laces
- Heavy Steel Shank
- Reinforced Toe

**Country Cobbler**

126 E. Washington

# THE "WHAAAAA!" HEARD ROUND THE WORLD.

Charles Crow, Jr. Born today. At 2:28 am. Mother and baby doing just fine. Only one thing's missing. Father. Corporal Charles Crow. Senior. He's in the Army. Half a world away.

Yet before he had breakfast, he'd already gotten the word. A son. 7 pounds. And 14 beautiful ounces. All thanks to Harriet Rex. And The American Red Cross.

Harriet's a Red Cross Volunteer. The reason her hair's in curlers is, she runs the night shift twice a week at the local Red Cross office. At 2:37 am, she got the happy news about little Charles. At 2:40 am, she sent the message off to The American Red Cross Headquarters in Washington, D.C. And



**SHE SENT THE WORD.**

before 4:00 am, the news was sent by teletype to Corporal Charlie's base in Korea.

Love may be what makes the world go round. But the Red Cross is what gets the messages around. To servicemen, everywhere.

And what makes it all happen are the Harriet Rexes of the world. The hundreds of thousands of Red Cross Volunteers all across America.

Maybe you don't have the time to work on one of our night shifts.

But think about the Red Cross a minute.

Where do you fit in?  
The American Red Cross.

PEOPLE LIKE YOU  
HELPING PEOPLE LIKE YOU.



advertising contributed for the public good



**PAPA  
GOT THE MESSAGE.**



MONTGOMERY  
**WARD**  
OUR 100TH ANNIVERSARY YEAR

Will your present tire

Sharp, Ste



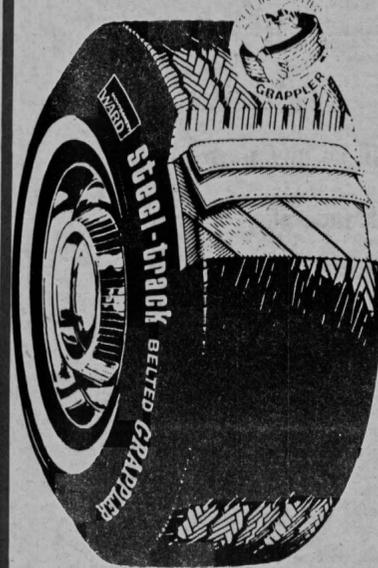
See a 1973 Caprice Classic equipped with Wards "Grapplers" per... spikes on display in front of our store. Come in and visit with our en... and its Manager, Earl Wear. (car co

Come in for the "steel trade of y

## STEEL BELTED

Get top-dollar. t

STEEL TRA



### TREAD WEAR EXPECTANCY

Because of variable driving habits and road conditions under which tires are used, it is impractical for Montgomery Ward, and conceivably misleading to our customers, to guarantee any specific number of months or miles of tread wear. We can, however, indicate the wear potential we have built into our tires in terms of service in normal family use. If a Riverside tire wears down to the tread wear indicators during the Tread Wear Expectancy, Montgomery Ward will upon presentation of the tire and evidence of date of purchase replace the tire for the then current price less the following dollar allowance.

Tread Wear Expectancy	Tread Wear Allowance
40,000 miles.....	Prorated on
45 month.....	45 Miles Driven
40 month.....	10.00
39 month.....	8.00
36 month.....	6.00
33 month.....	5.00
30 month.....	4.00
24 month.....	3.00
18 month.....	2.00

Tread Wear Expectancy offer does not apply to tires used commercially.

**FREE!** Register for PAIR OF STEEL BELTED TIRES

No Purchase Necessary

FAST, FREE MOUNTING

VOLKSWAGEN AND COMPACT CAR SNOW SPECIAL

4-PLY POLYESTER  
POWER GRIP

Reg. \$18.00  
6.00—13 BLKW

**995**  
+ FET

WHITEWALLS AND OTHER SIZES ALSO AVAILABLE AT REDUCED PRICE

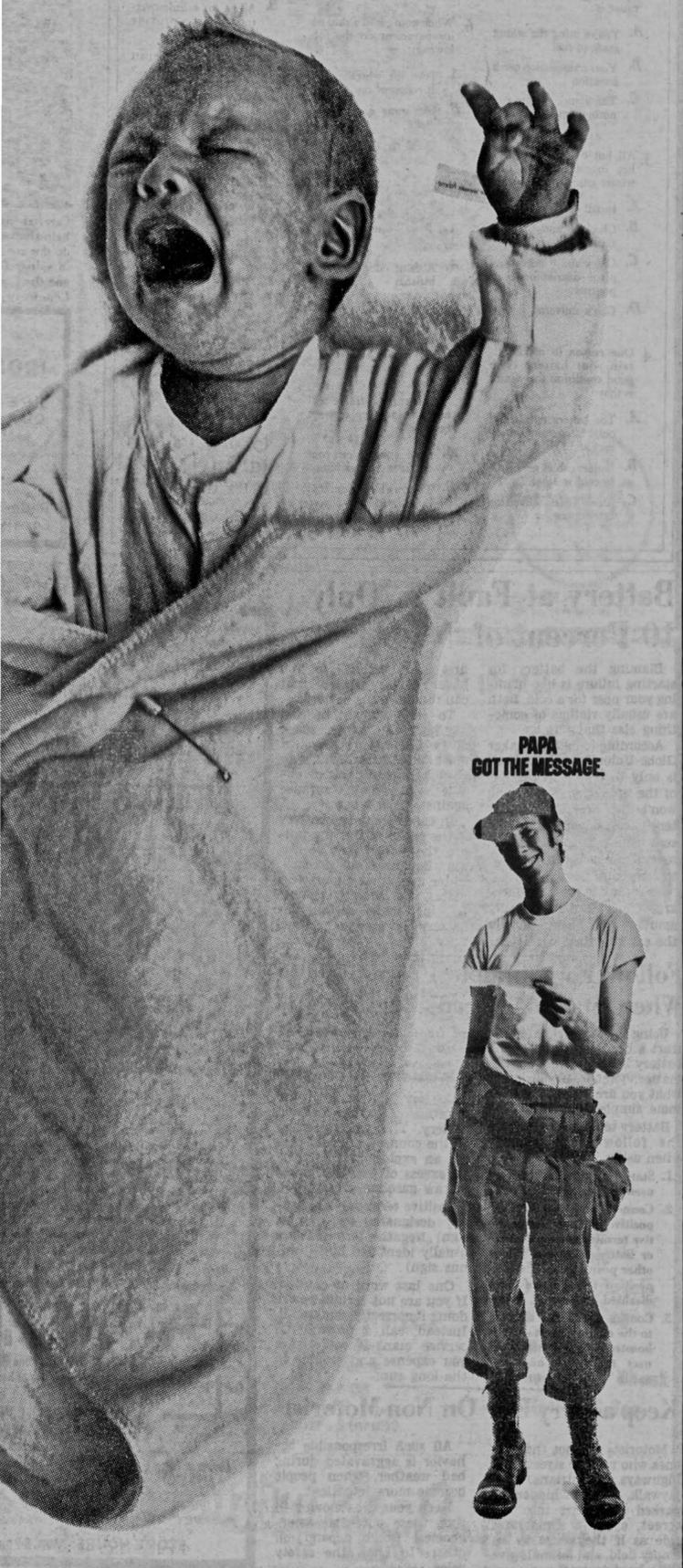
SAVE NOW ON THESE GREAT VALUES AT WARDS

you'll like **WARDS**

WARDWAY PLAZA  
Junction Highways  
16 & 218

MAIN STORE  
Mon.-Fri. 10:00  
Saturday 9:30  
Sunday 12:00

HE "WHAAAAA!"  
ROUND THE WORLD.



PAPA  
GOT THE MESSAGE.



MONTGOMERY  
**WARD** 2  
OUR 100TH ANNIVERSARY YEAR

Will your present tires drive safely over...

Sharp, Steel Spikes?



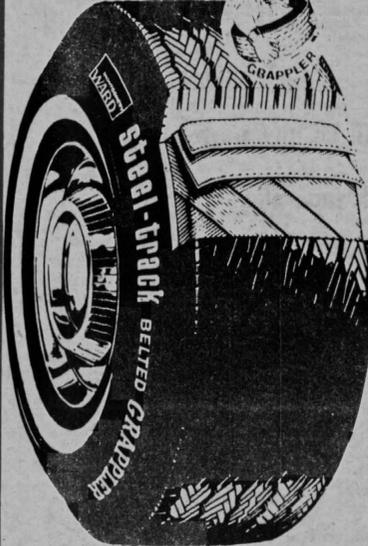
See a 1973 Caprice Classic equipped with Wards "Grapplers" perched atop sharp steel spikes on display in front of our store. Come in and visit with our entire department staff and its Manager, Earl Wear. (car courtesy of Nall Motors)

Come in for the "steel trade of your life!!"

# STEEL BELTED TIRE

Get top-dollar trade-in...

STEEL TRACK BELTED GRAPPLER



FAST, FREE MOUNTING

**TREAD WEAR EXPECTANCY**

Because of variable driving habits and road conditions under which tires are used, it is impractical for Montgomery Ward, and conceivably misleading to our customers, to guarantee any specific number of months or miles of tread wear. We can, however, indicate the wear potential we have built into our tires in terms of service in normal family use. If a Riverside tire wears down to the tread wear indicators during the Tread Wear Expectancy, Montgomery Ward will upon presentation of the tire and evidence of date of purchase replace the tire for the then current price less the following dollar allowance:

Tread Wear Expectancy	Tread Wearout Allowance
40,000 miles.....	Prorated on Miles Driven
45 months.....	\$13.00
40 months.....	10.00
39 months.....	8.00
36 months.....	6.00
33 months.....	5.00
30 months.....	4.00
24 months.....	3.00
18 months.....	2.00

Tread Wear Expectancy offer does not apply to tires used commercially.

Our toughest tire yet! Two steel belts plus four polyester cord plies combine to give you tremendous resistance to puncture and impact damage without sacrificing a smooth ride. The belts hold the tread open for extra traction.

TUBELESS WHITEWALL SIZES	REGULAR PRICE EACH*	PLUS F.E.T. EACH
E78-14	\$46	2.82
F78-14	\$49	2.81
G78-14	\$52	3.11
H78-14	\$55	3.22
G78-15	\$53	3.17
H78-15	\$56	3.47
J78-15	\$59	3.23
L78-15	\$62	3.56

+ Less great trade-in allowance for your good used tire!

**FREE!** Register for a drawing for a...  
PAIR OF STEEL BELTED GRAPPLERS

No Purchase Necessary. Register thru Oct. 31

## VOLKSWAGEN AND COMPACT CAR SNOW TIRE SPECIAL

4-PLY POLYESTER  
POWER GRIP

Reg. \$18.00  
6.00—13 BLKW

**9<sup>95</sup>**  
+ FET

Reg. \$23.50  
5.60—15 BLKW

**13<sup>95</sup>**  
+ FET

WHITEWALLS AND OTHER SIZES ALSO AVAILABLE AT REDUCED PRICES

SAVE NOW ON THESE GREAT VALUES AT WARDS—JUST SAY "CHARGE IT!"

you'll like **WARDS**

WARDWAY PLAZA  
Junction Highways  
16 & 218

MAIN STORE HOURS  
Mon.-Fri. 10:00—9:00  
Saturday 9:30—5:30  
Sunday 12:00—5:00

AUTO SERVICE  
Mon.-Fri. 8:00—9:00  
Saturday 8:00—5:00  
Sunday 12:00—5:00

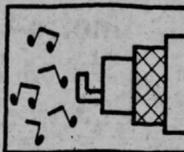
PHONE 351-2430  
FREE PARKING



Regular \$1.59

**ANTI-FREEZE**

Meets all car makers' specifications. **\$1.39**



COMPLETE ENGINE TUNE-UP

New points, plugs, set carburetor, timing.

**\$8.95** 6 cyl. Part. Extra

8 cyl. cars, parts extra—

**\$10.95**

Mechanic on duty 'til 9:00 pm., Mon.-Fri.



IMMEDIATE REPLACEMENT BATTERY GUARANTEE

Montgomery Ward guarantees this battery to be free from defects in material and workmanship. If this battery fails to hold a charge, Montgomery Ward will, for 90 days from purchase, replace the battery free. After 90 days, to the end of the guarantee period specified, replace the battery, charging a prorated amount based on time since purchase—of the regular no trade-in selling price then in effect. Batteries used in commercial vehicles are guaranteed on a similar prorated basis for half of the normally specified term. For service under this guarantee, return battery with evidence of date of purchase to any Montgomery Ward branch.

REG. \$26.95 EXCH.

WARDS 50-MONTH HEAVY DUTY BATTERY

Enough power for high-drain accessories. Up to 393 cold cranking amps. Most U.S. cars.

EXCH. **24.88**

LOW-COST INSTALLATION AVAILABLE

# CARTRIDGE CITY

presents

## Hot Music Buys For Your Car!!



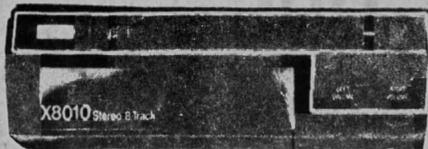
**Metro-Sound M-709  
Stereo 8-Track  
Car Player**

**Special Price \$49<sup>95</sup>**



**Muntz 801  
Compact 8-Track  
Tape Deck — Installs  
in minutes**

**Special Price \$29<sup>95</sup>**



**CTI X8010  
Stereo 8-Track  
Tape Player with  
2-Stage Tone Control**

**CCE Price \$39<sup>95</sup>**

**FREE**

**Car Polisher**

**will be given away with  
each tape player purchased  
during this sale**

**All \$6<sup>98</sup> Tapes — \$4<sup>99</sup> This Week-end**

# CARTRIDGE CITY ELECTRONICS

529 S. Riverside Drive (Across from the Dairy Queen) Ph. 351-8597

Quality Installation for Car Stereos Always Available



Don Racheter



Hugh Stone

## 9 senators impeached

# Racheter, Stone elected by senate

By MONICA BAYER  
News Editor

Don Racheter, G. was elected by the University of Iowa Student Senate to be student body president, Tuesday night.

Hugh Stone, A3, was elected to serve as student body vice-president.

The vacancies were created when the four-member Cooperative resigned last week.

After amending the senate bylaws to provide for the special election, senate took two ballots to decide between Racheter, Bill Crews, A3; Ron Jenkins, B2; Harriet Chesney, A2 and Denese Held, A2.

Of 28 ballots cast, Racheter received 16 votes, Chesney 11 and Jenkins 1. Crew's proxy withdrew his name before the first ballot on which Held was eliminated. Jenkins withdrew his name after the first balloting.

Sandra Williams, A3, Ken Anderson, A2, and Stone were nominated for vice president. Stone won on the first ballot with 19 votes.

In other action senate impeached nine senators.

Discussion centered on who and how many senators were being impeached as no one had a list.

But the senate decided to vote in favor of the

action, when Racheter proposed an amendment which would allow individual appeal of the impeachment by each person at the next senate meeting.

A senate bill adopted last spring allows for impeachment if a senator misses five meetings or sends a proxy to more than three.

According to a list given to The Daily Iowan before the Coop resigned last week, the impeached senators are: David Bubes, A4; Wiefied Heitritter, L1; Jerry North, L1; David Oppold, A3; Mike Ralph, A2; Kurt Wagner, A3; Konnie Kindle, N4; Kjas Long, A3 and Louis Martin, L2.

A two-thirds vote of senate is required for impeachment. Senate has 36 members and therefore needs 24 votes to impeach a senator. With 28 present at the time of balloting, the impeachment vote was 24 to 4.

In other action the senate filled positions created by recent senate vacancies. David Smith, P3, was elected as president pro tem of the senate, replacing Stone.

Ralph was elected as chairman of the personnel committee replacing Eric Grupp, A2, who resigned.

Ron Kastner, G. will be organization committee chairman replacing Crews.

# Attorneys try to expand suit against ramp b

By PAUL DAVIES  
Associate News Editor

Attorneys for both sides worked Tuesday to expand the lawsuit which seeks to stop construction of a proposed parking ramp in Iowa City's downtown urban renewal area.

During the first day of trial in the suit, attorney Joseph C. Johnston, representing the three men who are suing the city, filed an amendment to the original suit.

The basic suit requests the Johnson County District Court to issue a permanent injunction keeping the city from issuing revenue bonds to finance construction of the proposed ramp.

### Meters involved

Also in the original suit is an attempt to lower Iowa City parking meter rates. A section seeking the overturning of a State Appeals Board decision not to get involved in the ramp dispute has been dropped from this suit and brought up in a separate action.

The addition filed Tuesday afternoon asks for a permanent injunction to keep the city from using general fund income to

pay for collection of meter fees, enforcement of traffic laws and maintenance in the city's parking meter district.

City Atty. Jay H. Honohan edged toward making the suit a class action case—meaning that its outcome would be binding upon all people in similar situations—by questioning the only witness to appear about the affiliations of two of the plaintiffs. His questions concerned their connections with People Against the Ramp (PAR) and with other persons active in fighting the project.

### Pugh answers

The witness, City Finance Director Joseph B. Pugh, answered Honohan's questions by saying that plaintiffs R. Thomas Douglass and Warren Paris are PAR members.

Pugh said he was not sure if those two men are connected to Citizens for Environmental Action (CEA), which he had testified was involved in the anti-ramp fight last spring and summer.

Pugh was not asked, and did not testify about any organizational connections of

the third pl

More th

and he will

morning w

In his

indicated

reduce an

city's park

The transfe

for par

administra

general fur

Pugh sai

followed by

budget pr

\$15,000 to c

Enforce

\$78,000 in

the current

Under q

agreed tha

cement co

transfers f

but now n

city's gene

Johnston

support hi

in the news

# briefly

## Some progress

WASHINGTON (AP) — The White House Tuesday reported "some progress" in Vietnam peace efforts but seemed to discourage any notion that the war will end in the next week or two.

Press secretary Ronald L. Ziegler held a news conference shortly after Henry A. Kissinger, President Nixon's assistant for national security affairs, reported for an hour to Nixon and Secretary of State William P. Rogers.

Kissinger, returning here Tuesday night after six conferences in five days in Saigon with South Vietnamese President Nguyen Van Thieu had said himself: "We made some progress."

The United States has quietly curtailed bombing of North Vietnam at this crucial s of the peace talks, informed courses Tuesday.

Informants confirmed that American jets been flying half their usual number of st over North Vietnam and avoiding targets at Hanoi and Haiphong on orders from Pres Nixon.

The U.S. Navy acknowledged, wi elaboration, that three of its four carriers steamed south from the Gulf of Tonkin and are stationed off the coast of South Vietnam marked the first time since April that onl 7th Fleet carrier has been off the coast of Vietnam.

Thieu said Tuesday night that Han requested a cease-fire and one could come but he stood firm on his demand that any must cover all Indochina and be internati guaranteed.

## Bond issue

The Iowa City Board of Education T received a petition with 1,744 signatures u bond election on the proposed swimming

**4** days left to regis  
received a corre