

Sagamore

A black and white photograph of a man in a Goodyear racing suit sitting on a ledge at a racetrack, looking out over the track. The man is seen from the back, wearing a light-colored long-sleeved shirt with "GOODYEAR RACING TIRE ENGINEERING" printed on the back. He is sitting on a concrete ledge, with his hands clasped near his face. In the background, a race track with a checkered flag is visible, along with some structures and trees. The word "Sagamore" is written in a large, stylized font at the top of the image.

The Indianapolis 500—
Preview and Reflections



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Sagamore

the IUPUI magazine

Vol. 9 No. 56

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The Sagamore is a weekly magazine, published by students of Indiana University-Purdue University at Indianapolis. Views expressed are those of the editorial staff or of the individual whose name appears in the byline. The editor in chief is the final authority on Sagamore content, and cannot be censored.

The Sagamore operates as an auxiliary enterprise of IUPUI but is financed entirely through advertising revenue.

The Sagamore is published at IUPUI Cavanaugh Hall, Room 001G, 925 W. Michigan St., Indianapolis, IN 46202. Editorial phone, 264-4008; advertising phone, 264-3456; business phone, 264-2539.

The Sagamore recognizes its responsibility to provide a forum for readership commentary beyond the scope of letters to the editor. Comments on current issues should be limited to 500 words, be to the point and include the phone number and address of the writer. No comment will be printed unless it is signed. Only the name will appear unless the writer requests anonymity. The editors reserve the right to delete irrelevant or inflammatory material, but no commentary will be rejected because it is controversial. Comments should be typed and addressed to the Editor, Cavanaugh Hall, Room 001G.

The Sagamore welcomes letters to the editor. Letters should be limited to 300 words and follow comment guidelines for form. All letters should be typed and addressed to the Editor, Cavanaugh Hall, Room 001G.

Cover Photograph by
D.A. Weiser

Notices

THE STUDENT POLITICAL SCIENCE Association announces the eighth in a series of roundtable discussions with department faculty and guests on Wednesday, April 30. The topic will be "Thoughts on the 1980 Election" presented by Prof. Victor Wallis. The roundtable will begin at 1 p.m. in CA 129. Interested students are welcome to attend.

THE IU HOSPITALS will honor 200 volunteers at their annual Volunteer Recognition Luncheon Wednesday, April 30 at noon in the Hoosier Room of the Union Building. Carol Krause, co-anchor of WISH-TV, will discuss "News Coverage of Human Stories."

THE CAMPAIGN FOR SAFE ENERGY (CSE) will be offering summer internships for academic credit. Positions will be available in Boston, New York and Washington, D.C., as well as field placements across the country. CSE activities include a nationwide effort to lobby delegates to the national conventions, grass-roots organizing and education as well as anti-nuclear rallies outside the conventions. For further information, contact CSE's Boston office at 617-423-1901.

THE CONSORTIUM FOR URBAN EDUCATION will sponsor the Third Annual Teacher Candidate Interview Conference, ~~Thursday~~ May 1, from 8:30 a.m. to 4:30 p.m., at Nicoson Hall on the campus of Indiana Central University. The purpose of the conference is to present forthcoming teach education graduates with an opportunity to interview for available teaching positions. For further information, contact the Consortium at 264-3709.

Observations

To IUPUI:

The Sagamore staff wishes to assure everyone concerned that it is committed to covering campus news. Unfortunately, the ability of the Sagamore press corp to cover campus events is limited. Our staff is at best 20-strong, that including everyone from salespersons to writers.

The editors are beset with a news staff largely made up of freelancers who write in their spare time away from school and work. Only a small percentage of our writers has the time and access to campus events. Then there's always the constraint of meeting our printer's deadline.

Furthermore, the monetary incentive is small. It just doesn't pay to write. Since we eke out an existence solely on advertising revenue, our budget is tight, and few people can live on what we pay. While the current staff members are selfless

THE FRESHMAN OUTSTANDING Scholarship recognition luncheon will be held Monday, May 5, at noon in the Roof Lounge of the Union Building. Six students will receive scholarships of \$1,000.

HERRON SCHOOL OF ART will present their annual Honors and Awards Program Friday, May 2, at 7:30 p.m. The program will be held in the Auditorium of the Museum Building at Herron. The Senior Exhibition will also be on view in the Gallery.

IUPUI ATHLETIC DEPARTMENT and the Metro Athletic Club will sponsor an awards ceremony honoring IUPUI athletes in intercollegiate sports. The ceremony will be held Sunday, May 4, at 7:30 p.m. in the Hoosier Room at the Union Building.

THE POSTAL CAREER CONFERENCE entitled "You Can Get There From Here" will take place on May 30 and 31 at the Marriott Inn at 21st and Shadeland. The seminar is geared toward upward mobility for any career minded individual and is sponsored by the Indianapolis MSC Women's Program Committee.

Registration for the seminar will be accepted until May 16. The fee is \$45, which includes a workshop, two luncheon meals, a banquet dinner and four refreshment breaks. For further information and registration blanks contact Indianapolis MSC Women's Program Committee, P.O. Box 1802, 125 West South Street, Indianapolis, Indiana 46206.

workers who could care less about the money, we realize that there are very few people with such qualities.

To where is this leading? We need your help. In order to cover campus news, we thought perhaps that a pool of correspondents could be developed. A student could be in charge of covering the events of a particular department, club or school. The correspondent could write the story or simply supply the Sagamore editors with facts. We could work up some copy from there.

If and probably only if we get this type of cooperation can we hope to service the IUPUI community. Please contact the Editor, and we'll arrange something.

Sincerely,
Susan J. Ferrer
Editor in chief

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Shroud of Turin— the mystery examined



by John Emley

Some scholars believe the Shroud of Turin to be the burial shroud of an ordinary man of biblical times. Others believe it to have protected the body of Jesus when he was entombed after his death.

The evidence as to whom it actually protected is inconclusive. Dr. Daniel Scavone, professor of ancient history at Indiana State University in Evansville, believes the Shroud of Turin is the burial cloth rendered by Joseph of Aramathia for the burial of Jesus. Despite his personal belief, Scavone dealt objectively with his slide/lecture, "The Shroud of Turin — Fabrication or Fact?" April 22.

SCAVONE, WHO HAS been lecturing on this subject for 10 years, has visited the City of Turin to talk with the scientists and scholars who have examined the Shroud, in addition to extensive research on the subject. The Shroud is described as herring-

bone woven linen, 14 feet long and three and one-half feet wide.

The image of a man is visible on the cloth. It appears that the cloth was folded over the man, as one half of the cloth resembles the frontal features and the other half bears the image of the man's back. According to Scavone, the man would have been approximately "five feet ten inches tall and weighed approximately 170 to 175 pounds."

The Shroud has an "impressive history," said Scavone. It can be traced from ancient Constantinople (1200 A.D.) to the City of Turin, Italy (1578 A.D.). There are gaps in its history, especially during the period of time between its use in 30 A.D. and its appearance in Constantinople in 1200. Despite this gap, it has been tested over the years by liturgical and scientific scholars and in 1978 celebrated its 400th anniversary at the Shrine of Turin.

THE IMAGE ON the Shroud

is described as a male, and the circumstances of his death are so similar to the death of Jesus that religious scholars are almost positive that it is the image of Christ. The purpose of the Scavone lecture is to report evidence that is available to prove or disprove the validity of the Shroud of Turin.

Tests were made in 1969 with the aid of an electron microscope, to determine the origin of the fibers of the Shroud. It was discovered that within the weave there were threads of cotton that were common to the Middle East during biblical times, but were not at all common to Europe during the same time period. This evidence tends to support claims that the Shroud originated in the Middle East. In addition, Scavone commented that pollens discovered in the Shroud, called Hellaphines, are unique to the Dead Sea.

(continued on page 13)

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'News' editor criticizes educator for poor English

by Shirley Couta

"We have become a society of tongue-tied/pen tied people," said Harvey C. Jacobs, editor of *The Indianapolis News*. Jacobs warned IUPUI faculty and students, recently, that the art of letter writing is endangered. Without a turn-around, the destruction of our language is imminent.

"We are tetering on the brink of mental bankruptcy," he said. "Forever in orbit—we cannot sit down—do not read or listen to a symphony. As a nation, we are forgetting how to think."

Jacobs blames educators for "passing the buck when Johnny can't read," and extends the indictment to include parents and the importance of television in the family. "Teachers cannot spell," he said citing his own

mail from educators as evidence. Furniture and family life are arranged around the "tube." Education is lacking—in classical literature and foreign language studies, which are being deleted from curriculum or ignored by students.

"This disintegration of arts and letters will have serious, perhaps tragic, results for society," said the author and former chairman of journalism at New Mexico State and Franklin College. "The near disaster at Three-Mile Island nuclear plant, which resulted in the evacuation of portions of Harrisburg, Pennsylvania, and the bungling at the American embassy in Iran, an event that resulted in the hostage of 60 Americans, could have been averted," he said. "In these cases, inability to commu-

nicate and to follow directions were crucial factors in the safety of those involved."

While the editor admits these may be extreme cases, he is appalled at the University of Minnesota statistics that show a substantial decline in literacy since 1928.

Jacobs calls for a hard-line attack on the use of slang and poor grammar in advertising and he advocates a black-listing or boycott on sponsors who ask children to use slang in commercials.

"Our language is being reduced to 'you know and expletive deleted,'" he said.

"We must stop this trend so people will no longer go into cerebral arrest when they must write a letter," Jacobs concluded.



Award-winning painter and sculptor William E. Taylor is directing an exhibit of his work and that of two other Indianapolis artists during the Annual African American Conference, sponsored by the Black Student Union. Taylor's sculpture, the paintings of Winford Cork and the photography of William A. Raddell will be on display Thursday, May 1 through May 11 in the Lecture Hall. The African American Conference will be held May 2-4. Historian, author and lecturer, Dr. Yosef ben-Jochannan of Cornell University, will give a keynote address Saturday, May 3, at 11 a.m. in Lecture Hall, Room 325. His subject will be "African Origins of the Major Western Religions." (Photograph Courtesy of the IUPUI Office of Publications)

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Television survey to be conducted

It is estimated that at least 12 percent of all television time is devoted to commercials and advertisers spend more than \$4.5-billion annually trying to persuade television audiences to buy their wares and services.

For some viewers, television commercials mirror the worst elements of American society. They can be witless, sexist, patronizing and insulting. They are often accused of generating unnecessary demand, promoting excessive consumption and materialism and raising anxiety. For others, television commercials are a minor art form—they represent the latest in the application of persuasion and propaganda techniques.

A national survey project called the Television Advertising Perception Project, sponsored by DKG Advertising in New York City will be held at IUPUI.

The purpose of the study is to determine if there is any correlation between the perceptions of television advertis-

ing by professionals and various consumer "publics." Several of the country's leading advertising agencies have provided their 10 best 30-second commercials from current work for this project. These commercials have been interspersed on five reels of film, each containing 54 commercials (each reel is about a half-hour long). One reel of commercials will be shown May 1 at 2 p.m. and 4 p.m. in Room 100 of Lecture Hall. This same reel will be shown again May 2 at 10 a.m., noon, 2 p.m., 4 p.m. and 6 p.m. in Lecture Hall, Room 102.

Audience rating sheets will be provided to survey participants. The completed rating sheets will be collected after each screening and forwarded to the project sponsors to include in a national survey report to be published next fall.

For more information, call Joseph C. Farah, Indianapolis Project Coordinator, IUPUI Office of International Programs and Services, 264-7294.

'Women' conference sponsored by IUPUI

Being old and female is not the end of the line—there is life after the "empty nest." Area women can learn about and discuss the challenges and problems of mid-life during a day-long conference of "Women and Aging," set for May 10 from 8 a.m. to 5 p.m. at St. Andrew United Presbyterian Church, 3535 Kessler Boulevard, North Drive.

A self-proclaimed "late starter," Ruth Harriet Jacobs, professor at Boston University who began her teaching career at the age of 45, is keynote speaker for the conference. Former journalist and full-time mother, Jacobs will speak on her first-hand experience in seeking a third career at mid-life.

Sponsored by the Women's Studies Program of IUPUI, the conference has a theme of "Women and Aging: Double Jeopardy or Double Fulfillment." IUPUI faculty members will lead mini-workshops throughout the day, while "practitioners" (local experts who work directly with women and aging) will

share in the discussions. IUPUI project directors are Dr. Gabrielle Bersier from the German department and Dr. Barbara Jackson from the anthropology program.

They have planned the following schedule: Jacobs will present her keynote address at 8 a.m., followed by Susan Conner, editorial editor at WRTV-Channel 6, who will lead a "Phil Donahue-type" interview. Discussion workshops will run from 10:30 a.m. to 3 p.m. and will follow the theme, "Avenues for Change."

Workshop topics include roles and responsibilities of social agencies, the displaced homemaker, money matters, legislation, education and the positive and negative images of aging women portrayed by American films. The conference is funded by a grant from the Indiana Committee for the Humanities. For more information, call the Women's Studies Program at 264-4457 or 631-8401. There is no charge and no registration necessary.

KELLY & DUKE

by Jack Moore



City Center opened

Mayor William H. Hudnut formally opened the doors to the new "City Center," located at 146 Monument Circle. The City Center has been designed to provide an opportunity for the public to take a more active role in city planning activities. The opening came during a news conference at which the Mayor was joined by the chairman of the Greater Indianapolis Progress Committee; Thomas Binford, chairman of the Commission for Downtown; Alvin Fernandes; and the director of the Department of Metropolitan Development, Robert Kennedy.

"This facility will enable the public to become more deeply involved in the future development of its city," the Mayor said. "Comments and information from visitors to the Center will be used to update the plan for development within the inner loop area."

Hudnut said the Center will be open from 10 a.m. to 2 p.m., Monday through Friday until the end of March, 1981, and that visitors will be able to study models and exhibits while telling city planners what they would like downtown Indianapolis to become. The City Center is the first of its kind in the country.

Architects from local firms are working with the Urban Design staff of the Department of Metropolitan Development on the plan update. Advising the planners will be the new Regional Center Planning Committee of GIPC. At the news conference, Binford announced that attorney Charles L. Whistler and James L. Kittle, Sr., president of the Downtown Merchants Development Corporation and chairman and president of Kittle's Inc., will be co-chairmen of that planning committee.

"It is an enormous task, but with the response of citizens who visit the City Center, we are confident that Mr. Whistler and Mr. Kittle, along with the other committee members, will strive to make Indianapolis a city of which we can all be proud," Binford said.

The City Center ultimately will include drawings and models of such projects as the American United Life Insurance Company headquarters, the Washington Street project, including new stores and restaurants, apartment and office buildings and elevated walkways, and the proposed Walnut Square de-

(continued on page 10)

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'The greatest spectacle in racing' gets underway in May

by Ann Miller

In less than a month, another driver will remove his helmet, chug down a glass of milk, kiss a pretty queen, grapple with a thousand microphones and cameras, and collect upwards of \$250,000 for winning the 64th running of the Indianapolis 500.

In contrast to last year's turbulence and discord, this May promises to be relatively peaceful at the Speedway. Differently worded entry invitations, sent out by new Indianapolis Motor Speedway President John Cooper, state that a "binding contract" would exist between the Speedway and this year's entrants.

THIS "BINDING CONTRACT" stipulates that entrants "not... engage, alone or with others, in tactics which would disrupt or delay the race." Those entering the race this year also had to agree to abide by rules and regulations of the United States Auto Club (USAC), and to accept any disqualifications and/or penalties assessed by USAC, foregoing any civil court recourse.

Evidently, Cooper intended to eliminate from the outset any repeat of last May's circus-like atmosphere at the track, especially in the event that USAC and its powerful splinter group, Championship Auto Racing Teams (CART) did not end their 15-month-old feud.

Earlier this month, however, CART and USAC did join hands in a truce, establishing a new sanctioning body—Championship Racing League (CRL). CRL's governing board is made up of USAC head Dick King and five car owners, A. J. Foyt and Rolla Vollstedt of USAC and CART's Roger Penske, Jim Hall and U.E. "Pat" Patrick. Serving as alternates to the CRL board are USAC's Sherman Armstrong and Bob Fletcher of CART.

THE BOARD HAS already addressed the most controversial issue—turbocharger pressure. The "boost" will play jack-in-the-box this year, going up or down depending on which former sanctioning body sanctioned a particular race.

If a race had been originally scheduled by CART, boost will be set at 70 inches in four-cylinder engines and at 60 inches on all other turbocharged machines. For races formerly under the USAC banner, like Indianapolis, four-cylinders will be allowed 60 inches of boost pressure, eight-cylinders—48 inches, and turbocharged stock-block engines—58 inches.

Cooper's precautions and the USAC-CART agreement should strip away the tarnished image of auto racing and restore respectability to the world's richest, and most prestigious

race, the Indianapolis 500. The Indianapolis Motor Speedway has received 99 entries for the May 25th go-round, one short of the 1979 record of 100.

ENTERED ARE 20 Penskes, 11 McLarens, 10 Eagles, nine Lightnings, and six Wildcats, Lolas and Chaparrals, plus 18 other designs, including a Mallard.

The Cosworth eight-cylinder engine is far-and-away the preferred powerplant. Forty-eight are listed. The once-dominant Drake-Offy, the venerable "four-banger," number only 21. Fourteen stock-block V-8s were also submitted. Generating great interest will be the three Chevy V-6 engines entered by Lindsay Hopkins and Sherman Armstrong.

Among those named as drivers are seven former winners: A.J. Foyt, Al Unser, Bobby Unser, Johnny Rutherford, Gordon Johncock, Mario Andretti and Rick Mears. Three of these ex-winners, Bobby Unser, Andretti and Mears, will be driving for Penske.

Last year's 500 victor, Mears, will be in the cockpit of the Gould Charge, while Bobby Unser will drive the Norton Spirit. Returning after a year's absence from the Speedway, 1978 Grand Prix Champion Andretti will be sponsored by Essex Petroleum.

FOYT, WHO WILL have four machines at his disposal, will probably rely on his Parnelli/Cosworths, which are three to four hundred pounds heavier than some of the newer chassis designs. Johncock will once again pilot the North American Van Lines Pacesetter, a Wildcat/Cosworth.

Al Unser has dissolved his association with Jim Hall and is now racing for Bobby Hillin's Longhorn Racing team. Al's car, called an LS 101, is an innovation which borrows much from Formula 1 technology. Rutherford has stepped into Al's former ride. He will be racing a sleek, yellow Cosworth-powered Pennzoil Chaparral.

Other favorite veterans listed in the prospective field are Tom Sneva (O'Connell Racing), Pancho Carter (Alex Foods Special), Mike Mosley (Theodore Racing) and Bill Vukovich (Hubler Chevrolet/WFMS Special for the Leader Cards Racing team). Sneva also has a newly-designed machine, a Phoenix with a Cosworth powerplant. Mosley and team have opted for a remodeled Eagle that boasts a stock-block engine.

Danny Ongais and the Interscope Racing team are also entered, but Ongais will have to settle for a Cosworth powerplant in his Interscope P6B chassis instead of the anticipated Porsche V-6 engine. Porsche pulled out of this

year's brickyard spectacular in a disagreement with USAC over boost pressure.

Sponsored again by Texaco, Janet Guthrie will be driving for Lindsay Hopkins. Her teammate in the Hopkins' stable will be Johnny Parsons.

AN UNPRECEDENTED NUMBER of rookies, 19, were designated as drivers on this year's entry blanks. Two of the first-time aspirants given a creditable nod are Bill and Don Whittington, of Endurance Racing fame. The brothers are former victors at Le Mans.

Other rookies are Roger Mears, Rick's brother; Greg Leffler, 1979 USAC Sprint Car Champion; and former Mini-Indy ace Dennis Firestone. Herm Johnson and Bill Alsop (who was at the Speedway last year but did not qualify.)

Sherman Armstrong's AMI Racing represents the largest team effort. Armstrong submitted six entries with four drivers named—Tom Bigelow, Jerry Sneva, Leffler and

last year's "Rookie of the Year," Howdy Holmes.

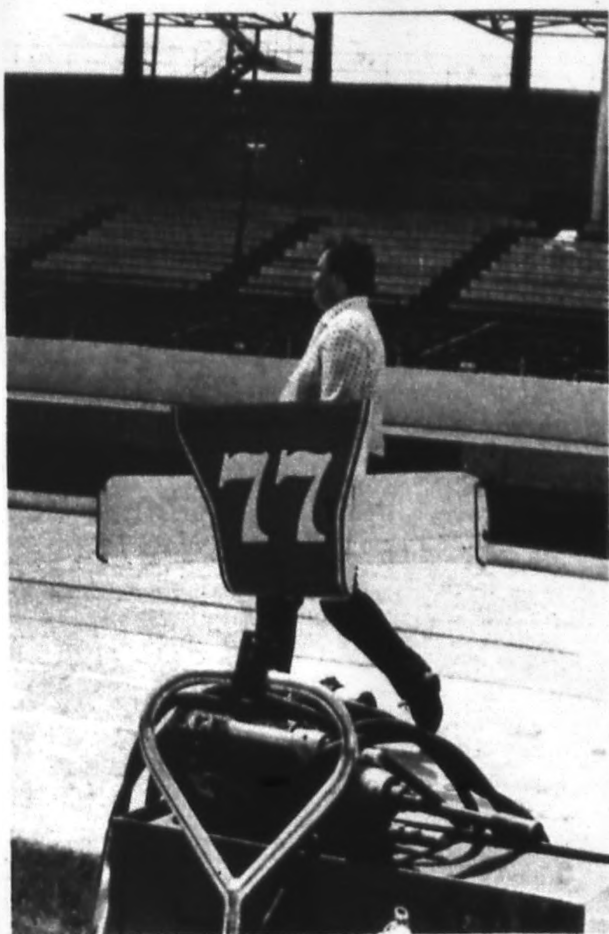
FACES THAT WILL be missed this May include the retired Roger McCluskey and Wally Dallenbach. However, Dallenbach has hinted that he may climb into one of the Patrick Racing cars just for the 500, trying to capture the elusive Speedway crown.

Supplying spice during the month will be the irrepressible Jim Hurtubise, plus Wayne Woodward, Dick Ferguson and Salt Walther.

Whether you're relaxing in the suites, sitting in the stands, hanging on the fence or roasting in the snake pit—this May should possess some needed order and still be as mad and merry as ever.

THE MONTH WILL get underway on May 3 at 11 a.m., when the track officially opens for practice. Qualifications are set for the 10-11 and the 17-18. Johnnie Parsons, the 1950 winner, will be guiding the pace car on Race Day, Sunday, May 25.





Photographs by
D.A. Weiser

We moved another foot...

by D.A. Weiser

It was 5 a.m. My girlfriend and I were driving west on 16th Street. "Hey," I remarked, "there's nobody out here."

SCREECH!! I spoke too soon.

16th Street, from the Volkswagen lot to as far as the eye could see, was a multicolored ribbon of every sort of motorized vehicle imaginable. Not one machine moved. Many were not even running, choosing instead to savor the gasoline left in their tanks.

My little car took its place in this unending line of diehards, and was quickly and neatly sandwiched by two pickup trucks, one in front and one behind.

"Why am I here?" I asked myself.

Why was I here? What force brought me here every year to undergo such torture? It must be the race...yeah, that's gotta be it. The race...only once a year do you get to see the...the greatest race in the world.

We moved a foot.

A foot is good progress in this traffic. Besides, the race means a lot to me, and, judging from this crowd, it means a great deal to a hell of a lot of others, too. So, we make do.

You see, we auto racing spectators worship drivers and cheer them because we respect their death-defying profession. I would give almost anything to drive in the Indianapolis 500. Don't

ask me why. I've heard more than once the argument that I shouldn't throw my life away, but damn it, what's life without it's challenges?

We moved another foot.

A race driver has a certain mystique about him. When he puts on his helmet, he becomes a man of mystery. He is the ultimate super hero. His life, his very existence, his success or failure is held in his own hands...

My girlfriend is getting bored. To our right, three guys in a van are starting their own little party. Program sellers, gravel-voiced after only an hour's work, continue to march up and down the street, selling their wares.

We moved another foot.

All these people...they'll spend almost six hours in traffic to see a three hour race. Why? Maybe it's the status. You don't have to have a great seat. Hell, you don't even have to watch the race, just so long as you're there.

For one day every year, Indianapolis is the center of the universe. It's one day that every-one is proud to be a Hoosier. Somehow, every-time I hear "Back Home Again In Indiana" sung just before the race, a chill shoots up my spine. Boy, do I love this race! I love this race because it means so much to so many people.

We moved another foot.

My girlfriend's boredom has accelerated to ir-

ritation as I explain to her that this is all part of the phenomenon, and that we certainly are not along, gesturing with my arms towards the impatient horde of race fans.

I don't think any psychiatrist could explain why people endure this. But race fans love racing, and will stop at nothing to see their favorite sport.

We moved another foot.

This is ridiculous. I must be an idiot to want to sit here for hours, but then the Indianapolis 500 has become an unsurpassed community event. Imagine, what once was designed to be nothing more than a test track for automobiles has become a multi-million dollar business. Where would the city be today if Speedway was just another suburb? Thanks, Tony.

We moved another foot.

I turn on the radio, hoping to hear something encouraging. I don't care what...just something. Many people have abandoned their vehicles. I have shut off my ignition, feeling that it is better to save the petrol.

Why didn't I stay home or at least leave earlier this morning? Alas, I can see that familiar wheel with the wings sticking out of its side, and I can see the massive grandstands and the throngs of people. I know that it was really worth it...every tedious minute in traffic.

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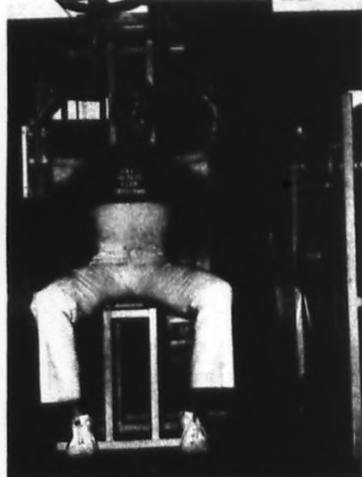
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Cuisine

by Julie Burke

Popcorn, properly known as popping corn, is a special breed of corn. It is the only corn that explodes to many times its original volume when heated. Inside each kernel of popcorn, which is practically all starch, is a tiny bit of moisture that converts to steam when the temperature is right. It builds up pressure and finally explodes into the crunchy white popcorn.

Almost all of the nation's popcorn is grown in the corn belt that stretches west from Ohio to Nebraska and Kansas. Indiana is one of the states that grows the most of this variety of corn. 10 percent of the popping corn grown in this country is the white variety and pops up white kernels. The majority of popcorn lovers prefer the yellow corn because of its flavor.

Orville Redenbacher, known as the "Popcorn King," uses only the yellow kernels because of the flavor. Redenbacher began popcorn research and hybridization back in the '20s at Purdue University in West Lafayette. He has worked for over 35 years on experiments and cross-pollinating to get his particular hybrid right. He tries approximately 9,000 cross-pollinations a year in his Valparaiso, Indiana nursery.

The corn is grown in Valparaiso only by farmers Redenbacher personally chose because of the high fertility of their fields. Providing that the fields received the right amount of rain, sun, mild breezes and a slow cooling autumn, harvesting begins. Only specially selected harvesting equipment is used by Redenbacher so as not to bruise the kernels. The kernels are shelled off the cob with an old fashioned sheller and dried to the exact moisture-level point, where it will pop to its maximum size. The corn is then sifted and cleaned and is ready to be packaged. However, Redenbacher does not stop there—random samples of the corn are checked many times each day as it is packed.

Popcorn is not only fun to eat, it's nutritious as well. Popcorn is 77 percent carbohydrate, 12 percent protein, 5 percent fat and 2 percent minerals. The American Dental Association considers popcorn an acceptable snack food because it contains no sugar. Another fact for dieters—it's the butter that makes popcorn fattening. Redenbacher sug-

gests using oil that is butter-flavored, cutting the calories somewhat. Popcorn is economical as well—one can make enough popcorn to satisfy the whole family for about 30 cents.

When popping the corn, make sure the popper, pan, skillet, or dutch oven has a lid that vents off steam and that the burner is set no higher than medium. When measuring the corn, follow the ratio of one part oil to three parts popcorn. Popcorn will pop 30 to 40 times its unpopped volume.

After testing the heat of the oil (by putting a kernel in with the oil and waiting for it to pop), add the rest of the popcorn. Be sure the lid allows steam to escape so that the popcorn will not be tough and soggy. Shake the pan, if not using a popper, to be sure every kernel is heated thoroughly and so the kernels won't burn.

Any number of seasonings may be added to popcorn—cheddar cheese, parmesan cheese, seasoning, onion or garlic salt, caramel, peanut butter or chocolate. This particular caramel corn recipe is from Orville Redenbacher's sister, Mabel.

SISTER MABEL'S CARAMEL CORN

2 cups light brown sugar
1/4 cup light corn syrup
1/2 lb. margarine or butter
1/4 teaspoon cream of tartar
1 teaspoon salt
1 teaspoon baking soda
6 quarts pop corn

In 2 1/2 quart saucepan, combine brown sugar, corn syrup, butter, cream of tartar and salt. Bring to boil over medium high heat. Stirring constantly, boil rapidly to hard ball stage, 260 degrees (about 5 minutes). Remove from heat. Stir in baking soda rapidly but thoroughly; pour at once over popcorn in large roasting or baking pan. Stir gently until all kernels are coated. Bake at 200 degrees for one hour, stirring 2 or 3 times during baking. Turn out at once on wax paper; spread apart and allow to cool completely. Break apart and store in tightly covered container. Makes 6 quarts.

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City Center

(continued from page 7)

The focal point for the displays will be a 12 by 12 foot model of the Regional Center which will be constructed in a work room at the Center. Also to be installed is a videotape show about the Center along with a program on one of the proposed Personal Rapid Transit Systems (people mover), already on display.

In addition to the exhibit area, work room and offices, the Center has a small meeting area. The space will be made available to neighborhood and citizens groups who are invited to tour the Center and hold meetings there. Members of the Indianapolis Junior League have volunteered to serve as tour guides for group visits, and while the Center is open to the public.

"We hope to attract as many people as possible to visit the Center," Fernandes said. "We think they will be excited by the progress being made toward the goal of making downtown Indianapolis a more lively and attractive part of the city."

The Progress Committee, the Commission and the Department of Metropolitan Development are joint sponsors of the Center. Contributions from businesses and organizations have paid for the facilities. Sponsors hope to continue the Center's use as a planning center and as a visitors center beyond the March, 1981 date.



Vinyl

Ozark Mountain Daredevils

(Columbia JC-36375)
Most people think of a commune full of hippies or a truckload of hilljacks out on a fling when they think of the Ozark Mountain Daredevils. Their name and their past albums have tended to perpetuate those thoughts. After a three-year break from recording, however, the Ozarks have returned to dispel the myths.

This new release is a collection of ultra-sophisticated pop tunes that have only a slight country edge. In fact, it seems as though the Ozarks made a conscious effort to avoid country or hill-billy—"aiming their songwriting and performance at the heart of America's musical taste."

Their efforts to "change" have reduced the group to four members. Like Steely Dan, the Ozarks now hire out musicians to fill in the empty spots instead of hiring new permanent members. Also like Steely Dan, this does not hurt their music. The album is totally cohesive, as though stemming from a close-knit group, rather than hourly employees.

All of the tunes presented here are impressive. None are bad and any one song could be the hit single. The guitar and bass riffs immediately catch the ear. They are smooth and melodic, not to mention tasteful—even the electric guitars.

The vocals are also surprising. Somewhere along the line, these boys learned to sing. Their vocals are not harsh or grating and they never, I mean never, slip into a hillbilly accent.

If they continue at this high level, the '80s will bode well for the Ozarks. Columbia was lucky. The group decided to improve just as they signed with the label.

David Eddy

The Flying Lizards

(Virgin VA 13137)
To Ahmet Ertegun,
Chairman, Atlantic Recording Corporation
Dear Ahmet:

You know, Ahmet, there seems to be some sort of problem with the WCI labels. I didn't think too much of it when Mo over at Warner Bros. went off the deep end a couple of years ago, but this is ridiculous. It must be some sort of disease. One of your custom labels has just released an album by some strange group with another weird broad.

I realize that Virgin is noted for their kinky ideas of music, but The Flying Lizards are just too much. They stretch anyone's definition of music to the breaking point. The members of this



Ozarks—"dispel myths"

group appear to have only a limited knowledge of music and their instruments. How else can you explain the fact that everything on this album sounds the same. They've even managed to surpass Robert Fripp on sameness.

The music, Ahmet, is very minimalist. The "songs" are mere skeletons, begging to be fleshed out (or killed. I can't decide which.) The group plays only a basic synthesizer, a guitar (maybe), a bass drum, and a cowbell. Occasionally the producer's girlfriend comes in and butchers a few lyrics.

And you would not believe the melodies they make, Ahmet! My God! Are you certain this is legal? I mean, those tunes are dangerous. Every cat, dog, bird and hamster within thirty feet of any stereo playing this record will drop in their tracks. You could have trouble with the humane society, if you're not careful. And if it does that to animals, think what it will do to people.

In closing, Ahmet, I have but one suggestion. Recall all copies of the album, burn the covers and regrid the records. Then chop the master tape into little pieces and mail them to the Virgin offices in London.

David Eddy

Def Leppard

On Through The Night
(Mercury SRM 1-3828)

Ahem. Def Leppard...let's see, you take the "a" out of "deaf," just like you take the "a" out of "lead"....

Believe me, the name is the only thing that's similar. Def Leppard is supposed to be the leader of a new wave of heavy metal in England, with a firm emphasis on the heavy. Their music is intended to be a blast of bone-jarring, foot-stomping rock. What it actually entails is that it's more of the same stuff we've heard for years, with nothing added except different words

and different faces.

The average age of this five-piece band is 18. Not that it makes any difference, but if you want to describe the Def Leppard sound, you could simply say that they are a combination of Rush, UFO, Styx, and Thin Lizzy when they were all about ten years younger.

As musicians, these guys are not too bad. Guitarists Steve Clark and Pete Willis are quite at home with crashing power chords, and Joe Elliott's throat is young, strong, and a nice compliment to the other members of the band. But the main problem is one of originality. Why, close your eyes and you would swear that it's any one of the above mentioned bands.

Actually, I shouldn't insult those particular bands, since that isn't entirely a true state-

(continued on page 12)

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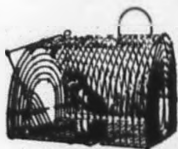
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(continued from page 11).
ment. Def Leppard does have it's own sound, it's just hard to find a creative way to describe it. The guitars bang around in the back, the bass drones, the drums pound almost mindlessly, and Elliott screams, yells, or whatever he seems fit to do.

Oh, before you ask, the lyrics aren't much better. As a matter of fact, they're pretty sad. Let's just say that their meaning and sociological significance will probably not be argued for the next twenty years or so.

Let it go down on the record that I did not exactly pan Def Leppard. I do not dislike their music. But, it is a waste of talent and energy not trying something new and original.
D.A. Weiser

Journey

Departure
(Columbia FC 36339)

There is one reason why Journey has been successful. I don't like to say this because I admire this group, but if it were not for the existence of Steve Perry, these guys would be eternally

trapped in a rock 'n' roll purgatory.

With *Departure*, Journey concludes their trilogy which began with *Infinity* and *Evolution*. Although they've been around since 1975, it wasn't until *Infinity* did the group get a taste of platinum. The recipe was simple—add a generous portion of Perry and mix well. He was the catalyst that was needed to send the group over the top after years of grueling touring and a strong FM following. His powerful lead vocals, his tonality, and his trademark "whooh whooh" shot the group to the top.

Which brings me to *Departure*...sigh. It's not a bad album, but it certainly isn't a great one. Perhaps it's pressure—the pressure of just coming off your best achievement and trying to top it. It doesn't stand up nearly as well as *Infinity*, yet it still has an attraction—an attraction in the form of one Steve Perry.

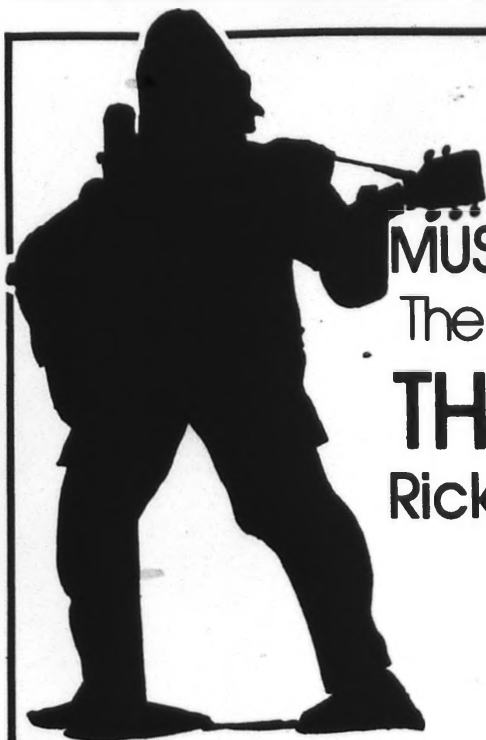
Perry's vocals make an otherwise average album above average. He continues to thunder over his band with a classic energy rarely experience. Once

you look behind his vocals, you will find a mixture of progressive instrumentals and mainstream rock smartly blended together.

I can't help but think that some of the patterns I hear in the background sound similar to past Journey efforts. The music is fresh, but it's been sitting in the sun a little too long, and in a few places it starts to sound a little sour.

There are some rather good tunes, however, such as "Any Way You Want It," which has received a lot of airplay mainly because it's a snappy number that makes it difficult to stand still. "I'm Cryin'" and "Stay Awhile" are both choice cuts and captivating little melodies.

Journey enjoys mixing styles and equally enjoys playing them. However, with *Departure* something doesn't quite click the same way it did with *Infinity*. They are only human and can make mistakes. I think this is one of the top bands in the country, and this album does deserve a listen, despite its flaws.
D.A. Weiser



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Shroud

(continued from page 4)

Another supportive argument for the authenticity of the Shroud stems from the markings of blood on the body. Doctors assert that the patterns of blood flow on the shroud would be impossible to predict by a potential forger during ancient times. It would, Scavone claimed, "require an exacting knowledge of blood and bleeding processes. This knowledge was not available during those times."

THE FACE was severely beaten. "Areas of swelling are evident under the right eye, cheek, and on the nose," said Scavone.

"The back of the torso and legs are covered with lacerations which have been linked by scientists to similar marks made by Roman scourges during biblical times." two rather significant bruise marks which are asserted to be caused by the pressure of the crossbeam of the cross. In biblical times, the cross bar would have "weighed 100 pounds or more."

There are definite indications that the human image has lacerations around the top of the head that caused profuse bleeding. Scavone alluded in his lecture to the fact that the injury could have been caused by a crown of thorns.

IT WAS NOT common for the average death sentence to be carried out by nailing the victim to the cross. In most cases a criminal was tied to the cross until he suffocated due to the physical effects of the crucifixion. Scavone implied that this was a special crucifixion or it was the crucifixion of Jesus as described in the Bible.

Another common practice found in Roman crucifixions was also absent. The victim, when tied to the cross, would support his body by his feet in order to allow clearer breathing. If the criminal were able to survive beyond the customary waiting period, the Roman guards would break his legs and suffocation would occur relatively quickly.

In this case, said Scavone, the victims legs were not broken. In addition, this man had a wound in the upper left chest. Again, another allusion was made to the description of the death of Jesus.

FINALLY, THE EVIDENCE

indicates that the man on the shroud was probably not in the shroud longer than 36 hours. The argument in support of this derives from the fact that the bacteria resulting from death takes approximately 36 hours to move into the clothing and wrappings surrounding the body. The preservation of the shroud supports the claim that the body was removed, according to Scavone.

The final amount of support, pro or con, may come from a pair of researchers at the United States Air Force Academy who are using computer enhancement of photos of the Shroud to provide an in depth analysis. When looking at the shroud, it is possible to perceive the eyes of the man staring back at the observer.

This may be caused by the practice of the Jewish religion, in biblical times, to put coins on the eyes of the deceased to close the eyes, according to Scavone. The impact of the Air Force research lies in the fact that if it is possible to enhance the image of the coin (if it is a coin), they will be able to determine if the coin is of Roman origin. This could be a definite tie to the Shroud's origin in Palestine.

The clincher to the reliability of the supporting evidence is whether or not it is the work of an expert forger. Scavone maintains that the image has been described by the scientists as being "on the linen, not in it." If it was the work of a forger it would be "in" the cloth, as paint would be absorbed by cloth.

AMONG THE POSSIBLE explanations for the existence of the Shroud, Scavone advanced two possible theories. The first is the "Vapor Graph Theory." It has been shown that in a moist and still atmosphere (similar to a tomb) the body's moisture mixes with the spices and perfumes to stain the shroud or cloth.

Another explanation could be that after the death of the individual there is a burst of energy that could emboss the image of the victim on the shroud.

Scavone assured the gathering that a definite statement on the tests conducted on the Shroud would be released to the public later this year.

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Do you want a good part-time job? 5.33 to start. Full-time position. 644-6286, 3-6 p.m.

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Bellmen: Full or part time. \$2.00 hourly, plus good tips. 1st class hotel. Flexible hours. Apply in person. The Atkinson Hotel, Illinois at Georgia Streets.

Part time tutors. Wanted at least prep center for MCAT, DAT, LSAT, GMAT, SAT. Must have taken exam with high score, teaching experience desirable. Short hours with excellent pay. Call for details, 644-6338.

Need extra cash? Information on seven profitable programs which will make you money at home. For details, send \$1.00 and self-addressed, stamped envelope to Gravic Associates in care of Steve B., 2021 North Adams St., Indianapolis 46218.

For Rent

3 rooms, furnished apt. Call Becky. 632-3210.

Share house for summer. English tutor in Butler area. Beautifully furnished. \$200/month. 352-2969, 281-3172.

3 Room furnished apt. 1 1/2 miles off campus West. \$200/month plus deposit. Utilities paid. 632-3310. Ask for Becky.

Share house for Summer. English Tutor in Butler area. Beautifully furnished. \$200/month. 352-2969 or 281-3172.

Moving to Bloomington this summer? I have a luxurious 2 Br townhouse in Bloomington to share with an honest, intelligent, caring human. Non-smoker, non-drinker preferred. Apt. has every modern convenience imaginable! Jerome, 281-5890.

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Typing. \$1.00 per page. 635-1336 after 6.

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72 VW Superbeats A/C, A/T. Good condition. 291-4342.

1976 Pontiac Ventura, 2 door Sports Coupe. Excellent condition. 252-6562, John.

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71 Plymouth H. A.T., P.S., P.B., 318 2 Bl carb 18 mpg on highway. Runs excellent. \$450.00. 264-6654. Ask for Larry, 8:00 a.m. to 5 p.m.

Roommates

Female Roommates needed May or June, own room in three bedroom apartment. Rent \$95.00 per month and 1/2 electric and phone. A.C. pool. 624-6237 or 299-6234.

Wanted: Female roommate to sublet beautiful 2 bedroom, 2 bath apartment in Mariner's Village for the summer. Pool and tennis courts. Call Dean 299-6858.

Need male roommate to share very nice 2 bedroom apartment! 15 minutes from campus on NW side \$110/month. Call 291-4989 early morning or late night.

Lost/Found

Lost in Lecture Hall 4-22-80 BONY Cassette Recorder. If found please call 299-6642 or 281-4214. Reward is offered.

Notice

Alpha Phi Omega Car Bash-A-Thon!! 25¢ per which, Wednesday 23, Cavanaugh Hall (in front of the library).

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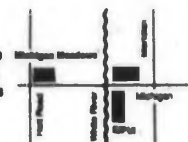
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MED SCHOOL, ON US

You read it right.

The Army's Health Professions Scholarship Program provides necessary tuition, books, lab fees, even microscope rental during medical school.

Plus a tax-free monthly stipend that works out to about \$6,450 a year. (After July 1, 1980, it'll be even more.)

After you're accepted into medical school, you can be accepted into our program. Then you're commissioned and you go through school as a Second Lieutenant in the Army Reserve.

The hitch? Very simple. After your residency, you give the Army a year as a doctor for every year the Army gave you as a med student, and under some conditions, with a minimum scholarship obligation being two years' service.

INTERNSHIP, RESIDENCY & CASH BONUSES

Besides scholarships to medical school, the Army also offers AMA-approved first-year post-graduate and residency training programs.

Such training adds no further obligation to the student in the scholarship program. But any Civilian Graduate Medical Education sponsored by the Army gives you a one-year obligation for every year of sponsorship.

But you get a \$9,000 annual bonus every year you're paying back medical school or post-graduate training.

So you not only get your medical education paid for, you get extra pay while you're paying it back.

Not a bad deal.

A GREAT PLACE TO BE A NURSE

The rich tradition of Army Nursing is one of excellence, dedication, even heroism. And it's a challenge to live up to.

Today, an Army Nurse is the epitome of professionalism, regarded as a critical member of the Army Medical Team.

A BSN degree is required. And the clinical spectrum is almost impossible to match in civilian practice.

And, since you'll be an Army Officer, you'll enjoy more respect and authority than most of your civilian counterparts. You'll also enjoy travel opportunities, officer's pay and officer's privileges.

Army Nursing offers educational opportunities that are second to none. As an Army Nurse, you could be selected for graduate degree programs at civilian universities.

ADVANCED NURSING COURSE, TUITION-FREE

You get tuition, pay and living allowances. You can also take Nurse Practitioner courses and courses in many clinical specialties. All on the Army.

While these programs do not cost you any money, most of them do incur an additional service obligation.

A CHANCE TO PRACTICE LAW

If you're about to get your law degree and be admitted to the bar, you should consider a commission in the Judge Advocate General Corps. Because in the Army you get to practice law right from the start.

While your classmates are still doing other lawyers' research and other lawyers' briefs, you could have your own cases, your own clients, in effect, your own practice.

Plus you'll have the pay, prestige and privileges of being an Officer in the United States Army. With a chance to travel and make the most of what you've worked so hard to become. A real, practicing lawyer. Be an Army Lawyer.

ROTC SCHOLARSHIPS

Though you're too late for a 4-year scholarship, there are 3-, 2-, and even 1-year scholarships available.

They include tuition, books, and lab fees. Plus \$100 a month living allowance. Naturally they're very competitive. Because besides helping you towards your degree, an ROTC scholarship helps you towards the gold bars of an Army Officer.

Stop by the ROTC office on campus and ask about details.

UP TO \$170 A MONTH

You can combine service in the Army Reserve or National Guard with Army ROTC and get up to \$6,500 while you're still in school.

It's called the Simultaneous Membership Program. You get \$100 a month as an Advanced Army ROTC Cadet and an addi-

tional \$70 a month (sergeant's pay) as an Army Reservist.

When you graduate, you'll be commissioned as a Second Lieutenant, but not necessarily assigned to active duty. Find out about it.

A BONUS FOR PART-TIME WORK

You can get a \$1,500 bonus just for enlisting in some Army Reserve units. Or up to \$2,000 in educational benefits.

You also get paid for your Reserve duty. It comes out to about \$1,000 a year for about 16 hours a month and two weeks annual training.

And now we have a special program to help you fit the Army Reserve around your school schedule. It's worth a look.

A SECOND CHANCE AT COLLEGE

Some may find college to be the right place at the wrong time for a variety of reasons. The Army can help them, too.

A few years in the Army can help them get money for tuition and the maturity to use it wisely.

The Army has a program in which money saved for college is matched two-for-one by the government. Then, if one qualifies, a generous bonus is added to that.

So 2 years of service can get you up to \$7,400 for college, 3 years up to \$12,100, and 4 years up to \$14,100. In addition, bonuses up to \$3,000 are available for 4-year enlistments in selected skills.

Add in the experience and maturity gained, and the Army can send an individual back to college a richer person in more ways than one.

We hope these Army opportunities have intrigued you as well as surprised you. Because there is indeed a lot the Army can offer a bright person like you.

For more information, send the coupon.

Please tell me more about: ☐ (AM) Medical School and Army Medicine, ☐ (AN) the Army Nurse Corps, ☐ (AL) Army Law, ☐ (FR) ROTC Scholarships, ☐ (SS) Army Reserve Bonuses, ☐ (PC) Army Educational Benefits.

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