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The SAGAMORE

INDIANAPOLIS

Nov. 6, 1989

Vol. 19, No. 15

The Last 20 Years
 Veteran Teachers
 Speak Out

SEE PAGE 4

Parking garages, lighting to be considered by Parking Services

By RICK MORWICK

Installation of lights for parking lots at the east end of Michigan Street and the construction of more multi-level parking garages on campus could be on the horizon following a meeting of the Parking Advisory Committee.

A report was presented to committee members by Parking Services regarding plans to add parking guides to the east-end parking lot. Committee members, at their Oct. 20 meeting, asked officials to explore the possibility of installing lights.

"Students say that it gets pretty dark down there," said committee chair Dr. Robert Bogan, professor and associate dean for student affairs for the IU School of Dentistry.

"Parking Services had to admit

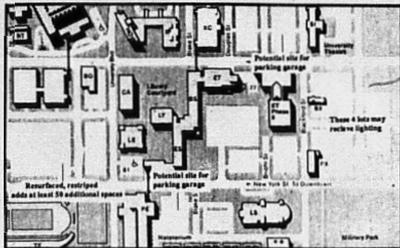
that they didn't recall whether that (lighting) was in the plans or not, so they're going to go back and research that and let us know at the next meeting," Bogan said.

John Nolte, director of Parking Services, confirmed the committee's intention to explore light installation in those lots.

Factors determining how quickly the university could go forward with such a project, Nolte explained, include cost and what type of lighting fixtures would be required, based on the judgment of a local utility.

"We're waiting on the response to some inquiries from the (Indianapolis) Power and Light Company to give us an idea of what our options are in terms of how we go about that (adding lights)," he said. No timetable has been set.

Another issue raised at the meeting by committee members



was whether a need exists for more multi-level parking garages on campus.

Bogan said that a few extra parking spaces are available in

the south and east garages on campus, but added that the situation was likely to change as the demand for additional parking spaces continues to rise.

"We talked about the importance of multi-level (garage) parking," Bogan said. "We talked about how the existing garages were filling."

According to Nolte, the University Architect's Office in Bloomington is investigating the need and the mechanics behind the project.

"They're (architect's office) coordinating feasibility studies, and we're waiting on them to get that information back to us," Nolte said, adding that he did not know when that time would be.

If and when more garages are built, the university has not singled out a specific site for construction, according to Nolte.

"There are several sites that are being looked at. Obviously, the lot east of the Natatorium has been discussed as a potential site pre-

viously, as has the lot just west of the Mary Cable Building," he said.

"If it will go on either one of those (sites), I can't tell you right now," he continued. "We have to get costs and professional estimates of what size facility we can put in there. There are a number of factors that have to be considered, and until we have more detailed information, we really can't make those decisions."

In other matters, Parking Services officials informed committee members that the resurfacing and re-striping of the main parking lot just south of the Parking Services Office will create at least 50 new spaces.

According to Nolte, the university is considering making similar improvements to other parking lots, although no plans are currently on the table.

School plans booster shot to nursing grad programs

By MARIE CHMIELEWSKI

IU School of Nursing officials plan to emphasize master's degree programs and nursing research as they continue the school's 75-year tradition.

The nursing school is the largest in the nation, with approximately 4,500 students.

Enrollment is up by about 6 percent, but Constance Baker, dean of the school, would like to see an increase in the master's degree programs.

"The state of Indiana has a serious shortage in graduate-prepared nurses," Baker said. "The master's is where the nurse specializes. We need specialists."

In order to have more specialists, Baker said she hopes to increase enrollment in the masters programs and find available funding for it.

In addition, Baker said there is a need to strengthen the relationship between the school and IU hospitals.

Baker said if the demand for nurses continues to increase, employers will need to find ways to utilize their best nurses.

"We're planning how to reorganize University Hospital to have a different system of using registered nurses in the care of patients," she said.

There are many areas of need in nursing, and they will only increase as time goes on, according to Angela Barron McBride, professor and associate dean for research at IU School of Nursing.

"Nursing is like an umbrella term for all sorts of things that you can do," McBride said. "There are a lot of issues about the field that we still need to understand better."

Areas in which nurses are beginning to expand include working in government agencies for the development of health policies, working outside the hospital structure with home health care services and clinical positions.

"When I look at the future of nursing, I think that there is just tremendous opportunity, because the need for nursing is increasing," McBride said.



This is Part Four of a four-part series.

Nursing is like an umbrella term for all sorts of things that you can do.

— Angela Barron McBride
 Associate dean
 for nursing research

Another major area of nursing is research.

The IU School of Nursing has a strong commitment to increasing its research base.

Baker said there is a need for more funded research, but that funding is very competitive.

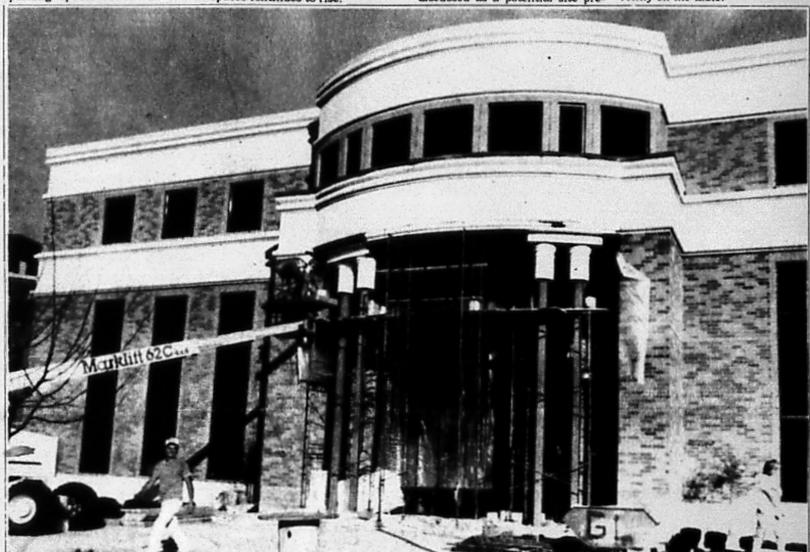
Sigma Theta Tau International, the Honor Society of Nursing, is in the process of creating a one-of-a-kind center on campus that will serve as an international supportive link for professionals striving for excellence in nursing scholarship, research and practice.

One of the needs for nursing research is to have accurate and up-to-date information. The International Center for Nursing Scholarship and Nursing Library will provide just that, according to McBride.

"The library is going to be a way of electronically bringing together nurses in different parts of nursing to somehow get them tied into information in the quickest possible way," McBride said.

Using state-of-the-art electronic technology to provide a new model for the sharing of information, the library will provide instant computer access to current nursing and health care data and establish links with existing library networks.

See CENTER, Page 2



Construction on the International Center for Nursing Scholarship and Nursing Library continues, but the deadline nears with dedication ceremonies

scheduled for Nov. 15. Members of Sigma Theta Tau International plan to dedicate the building to highlight their convention which begins Nov. 13. Photo by JOHN HERNANDEZ

Water polo championship coming to campus

By SHERRY SLATER

Water polo novices shouldn't go for popcorn when they hear the whistle blow during a match — unless they want to miss the excitement.

"(Water polo) is the only sport that's that way. The whistle means go," said Ted Newland in a telephone interview.

And he ought to know. He's been coaching water polo at University of California-Irvine since 1966.

"I'm an old man. I am," said the 61-year-old who admits to having played polo himself, "but not very well," for Los Angeles Occidental College.

UC Irvine is likely to be one of

eight teams competing in the 21st NCAA Division I Water Polo Championship at the IU Natatorium Nov. 24-26.

By completing a quiz found on page 9 of *The Sagamore*, students may redeem the coupon for two tickets to an afternoon or evening session.

The teams to compete for the national title will be selected and seeded by an NCAA selection committee Nov. 19, and the competition is shaping up to be intense.

Terry Schroeder, two-time silver medalist and captain of the 1984 and 1988 U.S. Olympic teams, said in a telephone interview that the national champion defies prediction at this point.

"This is one of the toughest years in a long time," said Schroeder, who has been coaching at Pepperdine for four years.

"It depends on who is playing the best that weekend."

In the Oct. 30 American Water Polo Coaches Association "Top 20," Pepperdine is ranked third behind UC Berkeley and UC Irvine, respectively.

Schroeder has been to the IU Natatorium twice, once as a member of the gold medal-winning U.S. team in the 1987 Pan American Games.

"It's a beautiful complex, and the people of Indianapolis have been very supportive," Schroeder said.

Newland described the Natatorium as "awesome."

"It's probably the best facility in the United States," he said, citing the lights, seating capacity and indoor pool. "It has everything you need."

Most of the competition pools in California are outdoors, "which is fine," he added.

Schroeder played the 2-meter man during his competition days, a position that functions like a center in basketball.

"It's the guy who goes down and sets the post," he said.

There are seven players for each team in the water at any one

See POLO, Page 9

New dean focuses on School of Science's need for increased student enrollment

By RAY E. COTTON

A scientist shortage predicted for the next century is motivating the School of Science and its new dean to examine recruitment and other school procedures.

The school is focusing on the future in hopes of alleviating the shortage, with help of Dean David L. Stocum.

A shortage of scientists and engineers is expected to reach 475,000 by the year 2006, according to the National Science Foundation.

Stocum attributes the problem to the decline in high school students attending college.

"More high school students are going into the work force rather than directly to college," Stocum said.

One of the plans to entice students to enroll in the School of Science includes upgrading the undergraduate program.

Stocum said the program is



David L. Stocum

good, but there is room for improvement.

"We need to develop research programs which is an important part of the undergraduate studies," he said. "We are striving for excellence."

The school is also concentrating on forming partnerships with corporations, which Stocum said will benefit the school, the corporations and the community.

By having relations with corporations, the school will be able to receive grants, advice and possible career placement for graduates.

Stocum, along with staff members at the school, is also focusing efforts on recruiting.

Recruiting includes keeping contact with high school counselors, alumni and emphasis on female and minority students enrollment.

Staff members are excited about the enthusiasm Stocum brings with him to his new position.

"I think he has a lot of energy and brings a lot of unique gifts to the school," said Joe Kuczukowski, associate dean for academic affairs.

See SCIENCE, Page 10

Hospital reimburses overtime staff

By MARY LEA McTURNAN

A two-year misunderstanding of overtime payment regulations prompted University Hospital to review their records and issue back-payment checks of \$1,000 or more to some employees.

Employees realized they were not being adequately compensated for overtime hours, according to Chris Keeley, director of human resources administration.

"The problem was discovered in the late summer of 1988. In October of that year, the hospital made a clear communication to its employees that they were experiencing problems with payroll inconsistencies," Keeley said.

Hospital administrators said they are ensuring that the reimbursement checks totaling at least \$400,000 are being adequately dispersed.

The time-keeping function by employees is done in each unit. For example, an employee in the intensive care unit would record all hours, and those time records are kept in that unit.

A supervisor in the unit then sends a voucher to the payroll department stating how many regular and overtime hours that employee worked according to the time sheet, a standard practice in all departments on campus.

The difficulties were attributed to misunderstandings of overtime rules regarding the Fair Labor Standards Act.

"The rules on the payment of overtime can be clearly misunderstood," Keeley said. "It's easy enough to happen."

Before 1986, University Hospital was not required to compensate its employees under these rules.

University Hospital was brought under the Fair Labor Standards Act in 1986 and was thereafter compelled to pay time and one half for work weeks exceeding 40 hours.

However, due to the decentralized nature of time-keeping, confusion and inconsistencies were generated by this change in policy.

Cheryl King, an employee of human resources administration, said, "All hospital records were audited, but the three major departments (with payroll problems) were nursing, pathology, and respiratory care."

Approximately 1,200 employees were affected, with reimbursement checks ranging from less than \$10 to more than \$1,000, according to Keeley.

At the request of the hospital, the Department of Labor, Wage and Hour division was asked to assist in the review of several thousand payroll records, dating from April 15, 1986 to Oct. 30, 1988.

"The assistance of the Department of Labor was especially important to assure us and our staff that the review was complete and consistent with the requirements of the Fair Labor Standards Act," Keeley said.

Keeley added that all reimbursement monies are coming from the regular hospital budget and are not being taken from other programs or fees.

Briefly

Weinland wins Columbus teaching award

Associate faculty member Mary Weinland of the IUPUI-Columbus English department has been selected as the recipient of the IUPUI-Columbus 1989 Excellence in Teaching Award.

The award is granted annually, and the winner is selected from nominations by students, faculty and staff of the university.

Overall comments made by students in their letters of nomination stated that Weinland is a caring teacher who inspired them to do their best work. Weinland is a Phi Beta Kappa graduate of IU-Bloomington and is a member of Mortar Board and Pi Lambda Theta honorary societies.

Before coming to IUPUI-Columbus in the spring of 1981, Weinland taught English, speech and foreign languages in Beech Grove and in the Bartholomew Consolidated School Corporation.



Mary Weinland

Sagamore extends deadline for editorial responses

The Sagamore has received 109 signed copies of an editorial printed Oct. 30 that called for students to sign their names to the open letter requesting the installation of traffic lights at Michigan and Blackford and at Michigan and New York streets.

Additional copies of the editorial will be available for student, faculty and staff signatures in The Sagamore office, Cavanaugh 001G, through Friday. The editorials will then be mailed to the DOT.

Herron School of Art sponsors lecture series

Herron School of Art will be offering lectures and presentations by three artists this month in conjunction with the 1989 Visiting Artists Series.

Internationally-exhibited lithographer William Walmley will lecture Thursday and conduct a five-day workshop at Herron during which he and students will create a full-color lithograph.

Sculptor Neil Goodman and painter Julia Fish will lecture jointly next Friday on their work and current exhibition, "Julia Fish and Neil Goodman, Chicago View: Selected Works from the 1960s."

All lectures and presentations will begin at 1:30 p.m. and will take place in the auditorium of the Museum Building on the Herron Campus, 1701 N. Pennsylvania St.

Admission is free, and all events are open to the public.

Friends of library sponsor IU Press book sale

IUPUI Friends of the Library are sponsoring a sale through Tuesday of books published by the Indiana University Press.

The sale begins daily in the first floor quiet reading room of the University Library at 10 a.m. It ends at 8 p.m. today and 4 p.m. on Tuesday.

Meet-the-author sessions and a drawing for up to \$50 worth of books are scheduled during the sale.

For further information, contact the library at 274-0462.

SPEA faculty invited to encyclopedia reception

School of Public and Environmental Affairs faculty members are invited to a cheese and wine reception Tuesday from 3:30 to 5:30 p.m. in University Conference Center 137 to introduce the POLIS Research Center and the Encyclopedia of Indianapolis.

The goals of POLIS and the operation of the encyclopedia will be the topics of discussion at the event sponsored by the School of Liberal Arts and the Indiana University Press.

Contact POLIS at 274-2455 for reservations.

Counseling center sponsors families workshop

The IUPUI Counseling Center is sponsoring a free two-day parent workshop for the adult children of dysfunctional families next Tuesday and Wednesday 419 N. Blackford St.

The brown bag lunch workshops are from noon to 1 p.m. Register by calling 274-2548 weekdays from 8:30 a.m. to 4:30 p.m.

Notices

NOTICES deadline is Thursday at noon

Center

Continued from Page 1

The Center will also: * Make information, conferences, publications and educational resources available to nurses throughout the world.

* Ensure the continued excellence and expansion of nursing research.

* Strengthen the nursing profession and help attract increasingly qualified women and men to the field.

The building will be dedicated on Nov. 16, during an international convention which will take place Nov. 13-17.

McBride, who is also president of Sigma Theta Tau International, said approximately 2,000 members worldwide will be attending the convention.

The convention will focus on different areas of nursing each day, with specialists addressing their field of expertise.

Monday will begin with a master lecture series which is geared toward professionals who don't have a chance for continuing education.

The Baxter Foundation Episteme Award will be given on Tuesday. McBride described the honor as equivalent to the Nobel Prize.

The award recognizes a major breakthrough nursing research project which adds to nursing knowledge and has impact on the health of the public.

The following days will deal with topics such as general professional skills development, leadership development and the election of new officers for the next biennium.

The House of Delegates will take into the organization people who are not nurses and make them honorary members.

Dr. Glenn Irwin, IUPUI chancellor from 1973-86 and former dean of the IU School of Medicine, will be made an honorary member of the organization.

President-elect Billy J. Brown, who will take office at the end of convention, said she thinks the convention will be a success.

"I think it's going to be one of the most exciting conventions we've ever had," Brown said.

Brown is dean and LaQuinta Centennial professor at the University of Texas-Austin, School of Nursing.

Brown said her major goal as president will be to complete the funding for the Center for Nursing Scholarship.

TODAY

"Less Stress Parenting" will be the topic of a workshop in the Adult Coordinating Center at 5:30 p.m. in Cavanaugh 001E. The workshop will be led by Don Romas and will focus on basic parenting skills to help parents deal with juggling family commitments and school.

TUESDAY

The Economics Club will sponsor a brown bag lunch with Morton Marcus, director of IU Division of Business Research, at 11:30 a.m. in Cavanaugh 226. Call Bernie Bogar at 274-7757 for additional information.

WEDNESDAY

The Gymnastics Club will conduct a meeting at 7:30 p.m. in the auxiliary gymnasium in the School of Physical Education Building. The meeting is open to all men and women interested in artistic or rhythmic gymnastics. High school or club experience is helpful, but not necessary. Call Laura Davis at 274-0601 for further information.

The Political Science Students' Association will host a forum on Law School from noon to 1 p.m. in Cavanaugh 438. Debra Falender, dean of IU School of Law, will be the featured speaker.

Stephen Sachs, professor of political science, will speak and lead a discussion on "Implications of the World Wide Revolution in Management" at 4 p.m. in Cavanaugh 226. The seminar will focus on the implications of the rapid growth of employee participation and ownership and the development of more democratic organization structures in business, nonprofit and government organizations in the first, second and third worlds.

The German Club will conduct a meeting at 8:15 p.m. at the Athenaeum, 401 E. Michigan St. Contact Claudia Grossman at 274-8290 for more information.

The American Society of Mechanical Engineers will conduct a meeting at 3 p.m. in Krannert 166. Activities will include a presentation by Marilyn Schenetzke of the Office of Career Services. Call 274-9726 for additional information.

The University Theatrical Association will sponsor a meeting of the drama club at 8 p.m. in Mary Cable 002. Call Jack Sutton at 274-0558 for more information.

The Japanese Club will sponsor a workshop teaching the ancient art of origami at 8:30 p.m. in Cavanaugh 507. Refreshments will be served. Contact Mariene Franke at 298-4803 for further information.

THURSDAY

Women in Business will meet from 11:30 a.m. to 1 p.m. in Business/SPEA 4088. Marion County Treasurer Mary Buckler will be the featured speaker. Contact Nicole Branson at 894-7020 or 897-7042 for further information.

The University Writing Center will conduct a workshop on the topic of essay exam preparation from 1 to 2 p.m. in Cavanaugh 429. Call 274-2049 for more information.

The Office of Career and Employment Services offers (resume, interviewing and job search) internship counseling on a walk-in basis each Thursday from 10 to 11 a.m. For appointments and further information, call 274-2554.

ADDENDA

The School of Music will conduct auditions for the IUPUI Jazz Ensemble this week at a time and place to be announced. The Ensemble needs players of the following instruments: saxophone, trumpet, trombone, guitar, bass guitar, piano and drums. Call Doug Smith at 274-2554 for additional information.

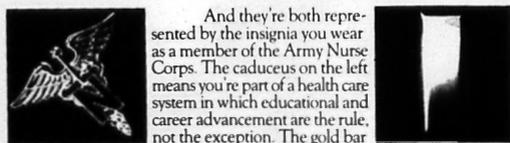
Advertise in the SAGAMORE

ICPA Division II NEWSPAPER OF THE YEAR 1985, 1986, 1987, 1988 The SAGAMORE

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Limiting enrollment: Key to Student Center

IT'S A COLD NOVEMBER DAY and you're between classes. You've got three hours to kill and limited options. You're probably wishing there was somewhere to go.

Somewhere, in the heart of the campus, where you could study, eat, watch television or use a computer terminal. Somewhere you could meet with friends or meet new friends. Somewhere like a Student Center.

There has been considerable talk and even some serious planning of such a facility but, unfortunately, the proposed Student Center may not materialize as originally envisioned.

In April of last year, the Student Center Planning Committee issued its recommendations for the long-anticipated and desperately-needed IUPUI Student Center. The proposed center would occupy the University Library building, after the completion of the new library. Funding for the new library was approved by the Indiana General Assembly in the Spring 1988 session.

The Planning Committee based their recommendations on the assumption that the "entire (library) building" would be dedicated to the student center concept. Lack of classroom, office and storage space, however, has caused the university administration to question how much of the University Library building should be utilized for the Student Center.

Questioning how much space should be utilized for a Student Center is valid. Questioning how we can slow down our "record growth," the source of our space allocation problem, is even better.

Overcrowding is the issue

The time has come for the protectors of our educational experience to get a firm grip on reality. We are overcrowded. We do not have enough resources to continue to grow at the current pace. Frankly speaking, we must implement an admissions ceiling.

If and when such an admissions ceiling is implemented, the administration will also need to determine what role this institution of higher education plays in the area of remedial education. Programs such as Continuing Education and Access should not be allowed unlimited expansion until we can assure college-ready students that we can adequately meet their needs.

We believe it is impossible for IUPUI to offer a complete and competitive college experience, when the students, the very reason for this institution's existence, are without common ground. Without a sense of community, this university will not be able to promote a true academic experience.

The proposed Student Center would help create a sense of community by bringing students from all corners of the campus together and allowing them the opportunity to socialize, rest, study, get involved with campus clubs and organizations (whose offices could be located in the center) and more importantly, exchange information, ideas and experiences.

The solution to our space allocation problem may difficult to fenagle, however, we believe it is worth the effort.

Board Suggests Compromise

The space crunch in Cavanaugh Hall could be relieved by relocating its four largest offices (the Registrar, the Bursar, Financial Aid and Admissions) to the first floor of the University Library building. This would free up space and allow the university to progress toward their ultimate goal of making Cavanaugh a liberal arts complex. Classroom and office space could take the place of the relocated offices.

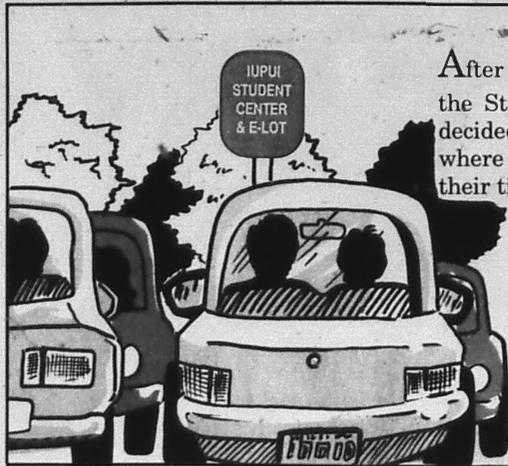
The Student Center could then utilize the basement and both the second and third floors of the library building, nearly 50,000 square feet of space, for restaurants, a game room, a copy area, a bookstore, student organization offices, study and conversation areas, and large rooms for meetings, banquets and dances - a real student-oriented center.

- The Editorial Board

Speak out on issues that concern you.

The Sagamore encourages its readers to speak out on issues by making their concerns known. We accept guest columns, editorials and letters to the editor. All submissions should be typed, double-spaced and less than 750 words. Electronic submissions are acceptable. Send submissions, complete with name, address and phone number to the office of The Sagamore, Room 401G, Cavanaugh Hall, Indianapolis, IN 46202. All submissions become the property of The Sagamore and will not be returned.

NOV. 6, 1989



After careful deliberation over the Student Center, IUPUI has decided to locate the center where students spend most of their time anyway.

Vending machines are in the brown Ford Pinto three spaces to your left.

Larry Kehoe

'Urban-heat' may be culprit in Greenhouse Effect

Guest Column

Larry Kehoe

On June 28, 1988, as the temperature soared to 98 degrees, NASA scientist James Hansen announced to Congress that global warming (or the Greenhouse Effect) had begun.

The press watched this Hollywood-like scene, hanging on Hansen's every word, hoping to be the first to report the end of the world. Hansen based his report on research conducted by Serge Lebedeff and Hansen at the NASA Goddard Institute for Space Studies in New York City.

By collecting the past century's average temperatures from cities all over the world, they concluded that the average global land temperature had risen 0.7 degrees Celsius.

Another study, formulated separately in the United Kingdom, showed an average increase of 0.5 degrees Celsius over the past century. The United Kingdom study averaged land and sea-surface temperatures.

Other scientists, using Hansen's (and the United Kingdom group's) information, constructed simulated (temperature) models utilizing advanced computer technology. These models, they said, could forecast the future temperatures of the Earth.

Those temperature forecast results indicate there is a chance the temperature on Earth may soar four to five degrees Celsius in the next 50 years. These increases, some scientists believe, could cause the polar ice cap to melt causing the flooding of sea-level cities and the conversion of fertile fields into deserts.

The problem with this theory is that both the charts of the past and present, along with the simulated models of the future, are constructed from biased facts and unrealistic computer simulations.

Most of the cities where temperature data has been collected have grown over the past century.

As urban areas grow, concrete

gradually replaces grass. Under the sun's rays, buildings and stretches of pavement heat-up faster and hold their heat longer than vegetation.

Many scientists are concerned with this effect, known as the "urban heat-island-effect." Scientists concerned with reported temperature increases believe statistics taken from urban stations would show a temperature increase even if the respective climates had actually remained constant.

Thomas R. Karl, from the National Oceanic and Atmospheric Administration Climatic Data Center in Asheville, North Carolina, and Philip D. Jones, of the United Kingdom's Meteorological Office at the University of East Anglia, have taken the first steps to estimate urban-bias in Greenhouse research.

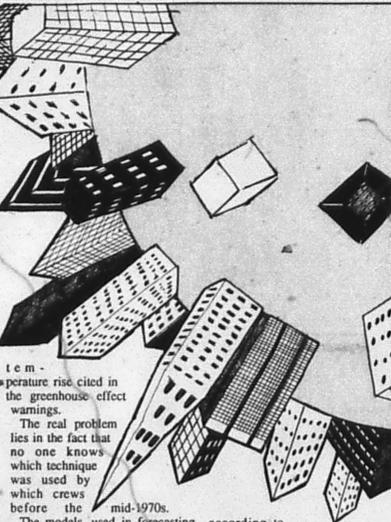
In the March issue of *The Bulletin of the American Meteorological Society*, Karl and Jones released the own study estimates, which indicated that the urban-bias variable, over the past 80 years, had added 0.3 degrees Celsius to Hansen's figures and 0.15 degrees Celsius to the United Kingdom temperature report. "These are just rough estimates, though," Karl said. "In actuality, no one has the data right now to do these rather comprehensive urban-rural comparisons."

Although it may take several years, it is necessary to decipher how much the Earth has truly warmed.

Trying to determine how much the earth has actually warmed is further compounded by some questionable methods of measuring ocean temperatures.

For over a century, the International Merchant Marine has recorded sea-surface temperatures. Some crews would drop a bucket over the side, fill it with water and stick a thermometer in to get a reading. Other crews would take water temperatures by measuring the temperature of water pumped on board for the purpose of cooling the ship's engines.

The temperature difference between the two techniques is slight, but it happens to be the same as the



temperature rise cited in the greenhouse effect warnings.

The real problem lies in the fact that no one knows which technique was used by which crews before the mid-1970s.

The models used in forecasting future temperature conditions have serious limitations outside the biased statistics they rely upon. According to *Science News*, April 15, 1989, (computer-generated temperature) simulations use very simplistic oceans that do not have any currents and are missing other "essential characteristics."

Clouds are another problem for computers. In the same issue *Science News* also reported "puffs of ice and water particles are the wild cards in the deck." They may speed up or slow down the temperature increase.

There are many other questions that need to be answered before the statement "massive global warming will soon be upon us" can be made. If carbon dioxide build-up in the atmosphere is responsible for this century's "warming," then why, even

according to Hansen's biased records, did the Northern Hemisphere cool during the middle of this century, while carbon dioxide and trace gas content rose sharply?

While doomsday theories may sell newspapers and make for dramatic television, they should not be the grounds for national policy decisions. This is what seems to be happening.

This may be a time for action, but taking a policy stance using the information available is like a patient allowing a doctor to perform major surgery without first getting a second opinion, or at least, waiting for the X-rays to be developed.

Editor's Note: Larry Kehoe is a freshman who enjoys writing columns in his free time.

Campus Inquiry

What elements do you think should be included in the ideal IUPUI Student Center?



LYNETTE KERR
Senior
Finance

"They need to have some activities geared toward minors, like dances. And they definitely need to have lounge and study areas for smokers. Meeting rooms and electronic games would also be nice."



KATHY JACOBSON
Junior
Engineering Technology

"I think they should include a computer access area for students to use. Definitely a smokers study area is also needed along with a decent food service area."



STANLEY REYNOLDS
Junior
Education

"I would say that the ideal thing to include in a student center would be some quiet study areas and rooms. A decent cafeteria area and a computer area would also be a plus."



JOHN ROSENBERGER
Senior
Communication

"Other schools have bookstores, cafes, coffee shops and lounge and study areas in their student centers. If they have room here, they should include a large space for dances and banquets."



SHAWN PHILLIPS
Sophomore
Anthropology

"A cafeteria like the one here (Giggles) is needed, but much larger and equipped with better climate controls. Pingpong and pool tables would be nice, too."



LARRY CLINE
Graduate Student

"Maybe some study carrels like we have in the current library. Students could study there and work together on special projects."

growth, change at university



In n.y day, women went only to the School of Liberal Arts. They didn't have the multitude of diverse areas they have now. There are 880 job descriptions in the United States, and there is a woman in every one but men's modeling.

The moment that characterized the burgeoning potential of the school for Rhome was the move to the main campus.

"When I came up from Bloomington, that was the one thing they said, 'We expect that IUPUI will be as large as Bloomington in 20 years.' I came with the expectation of growth. I was overjoyed when we moved to Cavanaugh Hall. It was wonderful to have to School of Liberal Arts all together."

"When we all came together, we felt we were a campus."



William F. Harvey

Nationally-recognized alumni like Vice President Dan Quayle are one reason William F. Harvey, dean of the IU-Indianapolis School of Law from 1973 to 1979, takes pride in the law school.

Now holding the first titled professorship in IU, Harvey is the Carl M. Gray professor of Law and Advocacy.

Harvey came to IU School of Law-Indianapolis in 1968, when the school was still housed in a downtown building on the corner of Illinois and Michigan streets.

Recruited from Washburn University in Topeka, Kan., where he was a full professor, Harvey said he came to Indianapolis because he felt the school had great potential and there were already several outstanding faculty here.

"I was happy to join them," he said. "The current law school building opened its doors in the fall of 1971. Harvey said the facility was built to accommodate 476 students and that year began with 1,000."

Harvey taught at the school at the end of the '60s, when anti-establishment sentiments and radical thoughts were the call to arms of a generation, yet the Indianapolis law school studied peacefully on.

"It was exactly opposite for us," said Harvey. "Our students were never that way. There were reasons for that. This law school has been a historically blue-collar law school. In the time period of the '60s and three years in the '70s, the dominant number of persons in law school, if identified in terms of economic class, I'm pleased to say, were blue-collar persons."

"They were evening school. People who have to work for a living understand the meaning of life in several respects not (usually) found in college campus communities."

He did, however, give several reasons for the good reputation the school has gained around the country.

"I think, number one, we built a great library facility — the best

of the state of Indiana ever had. That attracted a large number of students. Number two, we have some of the best faculty members in legal education in the nation. The common factor was to teach a variety of law students; it's one of the things so appealing about our student body."

The partnership of Harvey and G. Kent Franden, the associate dean of law and admissions director who died last year, developed into a force that maintained a unique quality and variety about the school.

"(Franden) was the best law school admissions officer in the country without qualification," Harvey said. "Not only did he give time and attention to who was admitted, he also gave it to who was not. He saw them as human beings rather than a combination of GPA and LSAT scores. His loss is irreplaceable."

Harvey said the law school's development is being retarded by inadequate space for facilities and the lack of attention being paid to student needs.

"Our students have a hard time getting here and getting away from here. We need parking. It seems to me the spirit of accommodation and understanding is extinguished under the academic perspective. The concerns of the students come first. With the construction of various non-academic activities, we're seeing the available space exhausted, and the crunch falls on the students."

"An example is the tennis complex next door. It sits spacious, drafty and empty except for 10 days a year."

What stays most with Harvey, as a hallmark of the growth and development of the school he put so much of his life into, is watching students take leadership roles in the world.

"It is aging former students become vice president of the United States, and his wife, become very prominent federal judges, become captains, rear admirals in the U.S. Navy and United States attorneys, and many more become very outstanding lawyers. That's how I think of the last 20 years."

"I think, number one, we built a great library facility — the best

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Bennie Keller has changed over the years in the number of women in the program. "It's 20 percent women now. They are the smartest."

This doesn't mean Keller doesn't have a high opinion of the male students as well.

"I've got the best students. I think someone in the Registrar's Office hand picks my students. I've got the very best."

Frances D. Rhome originally came from Tucumcari, N.M. "It's the name of a mountain," Rhome said, explaining the formation was rounded with a raised area on the top. "The Indians named it. It means 'Squaw's Breast.'"

Rhome has been guiding students to the deeper meaning of the world since 1966 when she came to the IU-Bloomington.

After completing her doctorate in English Literature, she came to Indianapolis, substituting for a teacher who wanted a year's sabbatical. When the year was up, the department found a permanent position for her.

At that time the School of Liberal Arts was located on 38th Street. Now professor emerita, and director of the IUPUI Humanities Institute, Rhome recalled the different ambience of the department from her days on 38th Street.

"It was a strange thing," she said. "I didn't have a sense of a campus. I missed that. There aren't any place students could aggregate. I think many other teachers felt the same thing. Teach. Go home."

"On the other hand, I thoroughly enjoyed the students. They came in to take classes; they were serious. And we had a mixture here, 40-year-olds (as well as traditional students). That has continued and is the strength of the university."

Rhome said she has been very excited by the growth she has seen in the last 10 years.

Rhome said she has seen a change over the years in the increasing numbers of women in the university and the diversity of the areas they are going into.

"Women moving into the administration role is very heartening."

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'Limos' want Indianapolis music scene taken seriously

By KEITH BANNER

Living in Indianapolis and playing original rock 'n' roll is a contradiction in terms to a lot of people.

After all, Indianapolis has a reputation as conservative and "cover-band friendly" — not too receptive to new ideas or to new music.

But the members of the local rock band The Burning Limos (Mark Searles, George Harris, Tim Burns and Charles Bennett) take the contradiction and non-receptivity in stride, even optimistically.

"We think that Indianapolis could be, with a little push, a little help, another Athens, Georgia, or Minneapolis, a city where regional music can be heard and respected on a national scale," said Harris, the band's lead singer. "The bands are here, God knows. They just need a little media support, support from fans."

The members of The Burning Limos speak from experience. They've been playing around Indianapolis almost a decade.

They formed the band in the early '80s after graduating from Indiana State University in Terre Haute. They were art majors and eventually all three of them came to Indianapolis to find jobs.

"There's a lot of good people in bands here in Indianapolis, like Jot, Modern Vending, Datura Seeds, and Vulgar Boatman, but it seems like not enough support. There's no core, you know, no new-music nucleus," Harris said.

He said at times it gets depressing, but most of the time the band doesn't really think about it.

All the members said they like living here in Indianapolis and hope that they will be able to inspire change, instead of just bitching about Indianapolis' apathetic attitude toward alternative rock.

"We want people to know that there are alternatives to Top-40 and classic-rock radio and bands. There's new stuff going on every minute here in Indianapolis," said Searles, the band's guitarist.

"It's like people are nostalgic be-



Charles Bennett, Tim Burns, Mark Searles and George Harris make up The Burning Limos, a local band that works hard for its money. They've been together

since the early 80s, and will be performing tonight at the Patio Lounge in Broad Ripple. Photo by SANDY VAN VLYMEN

fore the fact," Harris said. "You've got a whole generation of people around here listening to music their parents grew up on. It's hip to be retrograde."

"We're competing with dead bands," said Searles, laughing.

The Burning Limos have played at the Midwest New Music Conference in Chicago, as well as in Cincinnati, Louisville, Bloomington, and just about every bar that would let them play in Indianapolis.

What keeps them going after all these years?

"Just the fact that we believe in ourselves," said Burns.

Their influences date back to the Beatles and are as current as XTC

and The Replacements.

They categorize their music as "college music" but want people to understand that what they do is really pretty unpredictable.

"We play just about anything that's interesting to us," said Searles.

"Mostly, all our songs are collaborative. We pool our ideas," said Harris.

The band has gone through many changes since they first formed it, but the one constant has been their friendship and their dedication to getting their music heard.

"The biggest problem is keeping the fourth member," said Burns, referring to the problem they've

been having in keeping a good drummer.

They said they have found one in Charles Bennett, a veteran performer with an impressive resume.

Bennett, who is blind, can play all woodwinds, drums, trumpet, as well as sing.

"We could've chosen somebody with the same background, same influences," Searles said. "But when we heard Charles play, it was like, we couldn't choose anybody else."

"Plus, he's real easy to work with. I mean, he listens to us yelling at each other and just sits back and smiles — lets it pass him by."

"When we found Charles, we knew he was right. His experience add a lot to the band. He plays with real emotion," said Burns.

Bennett is from Richmond and has played a variety of different kinds of music, including gospel, jazz, heavy metal and Top-40, all over the country.

"I play wherever I can get paid," Bennett said, laughing.

When asked what he thought about performing in Indianapolis, Bennett said, "It's a weird place to play. Alternative music really doesn't have much of a place here. All the clubs like cover-bands."

Harris said Burning Limos'

"We think that Indianapolis could be, with a little help, a little push, another Athens, Georgia, or Minneapolis."

—George Harris, The Burning Limos

creative process sometimes gets a little violent.

"We disagree quite a bit on songs and the way we want them to sound," he said.

Burns said, when they write their songs, the music usually comes first.

"It's the words that take more time," he said.

Their music is reminiscent of other "college music" bands, like R.E.M., Husker Du and Smithereens.

But also, after years of struggling and playing together, the Burning Limos have come upon an attitude and sound that is distinctly their own.

Their music comes on simply and clearly with lyrics that are subtly sarcastic.

On their newest tape (they've done four), they've put together four songs that exemplify their down-to-earth style.

Their music, simple and to-the-point rock, exemplifies their attitudes toward living and working.

"I mean, we're all here 70, 80 years, right?" Harris said. "Why not make the best of it? Why be scared? If you want to be a rock singer, be one. I don't care if we ever make it, or whatever."

"Doing it is the most important thing."

You can get a taste of their music tonight when they play at the Patio Lounge, 8308 Guilford Ave., in Broad Ripple.

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Food class students present rainforest cuisine



By KEITH BANNER

The Indiana State Museum is the latest stop for a special traveling exhibition focusing on rain forests' problems, their usefulness and their beauty.

Called "Tropical Rain Forests: A Disappearing Treasure," the exhibit premiered last Sunday at the museum, located one block north of Market Square Arena, at 202 N. Alabama St.

In light of all the food that comes from tropical rain forests, Linda Brothers, an IUPUI associate professor of Home Economics, and IUPUI students have come up with a program that will feature different rain forest delicacies.

Students from Brothers' Principles of Foods course will lead the program "Tropic Treats," which features food from several rain forest regions, Thursday from 2 to 4 p.m. at the Indiana State Museum.

um. According to Brothers, the students have chosen five separate regions from which the food comes and have researched each area.

"It's another way for people to enjoy themselves and learn a little something," Brothers said. "The students will, while cooking, also talk about the region the dish came from."

Brothers said that the recipes are from Central America, India, Southeast Asia and the Caribbean Islands, and include Rainbow Trout with Blue Crab stuffing, Arroz con Pollo, and Pigeon Peas and Rice.

Participants in the program will have a chance to taste the food at the end of the presentation, according to Brothers.

For reservations to "Tropic Treats," call 232-8271. Indianapolis is "Tropical Rain Forests" third stop on a 13-city tour.

According to Melanie Maxwell, Indiana State Museum's Media Specialist, the Smithsonian Institution put together "Tropical Rain Forests: A Disappearing Treasure" to help people understand the problem by getting a firsthand look at the beauty and



awe of the disappearing forests.

According to one estimate, said Maxwell, approximately 27 million acres of tropical rain forests in South America, Africa and Asia are being eaten away each year by the ecological and social plights of the Third World.

Maxwell described the exhibit as

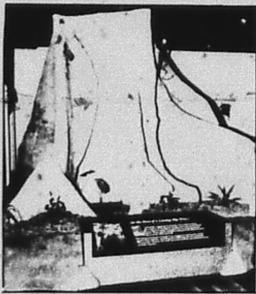
"a colorful, multi-media presentation, with five panel slide shows, a life-size model of a buttressed fig tree, and six-foot color photos of people, vegetation and animals."

"Visitors will get a real overview of what the rain forests are like, what the people who live there are like, and also the specific problems ecologically," said Maxwell.

She added that one of the most impressive parts of the exhibit is its use of technology.

"There's a computer-display at the end of the exhibit that allows visitors to determine what should be done with the ecological problems in the rain forests."

"It puts the visitor in the position of someone who's in control of



A simulation of a South American hunter in the forest is one of many displays within the Indiana State Museum's newest exhibit, "Tropical Rain Forests: A Disappearing Treasure." Above is a simulation of a six-foot fig tree. Photos by JOHN HERNANDEZ

building a road through a forest and offers him or her different options on how to go about building without ruining the ecosystems in the habitat," Maxwell said.

The exhibit, as a whole, allows people to be entertained by the wonders of the rain forest, she said, while also teaching them about different aspects.

"Rain forests contribute a lot to our lives. Tropical forest woods are used for doors, window sills, toys. A lot of pharmaceuticals and spices come from them, and also such produce as cucumbers and coffee," she said. "The exhibition ends Jan. 28."

Ice cream parlor promotes 'social consciousness'

By SANDI VAN VLYMEN

Ben and Jerry's Homemade ice cream is promoting a frozen treat for the socially conscious.

Rain Forest Crunch, loaded with chunks of cashew and Brazil nuts imported directly from the Amazon rain forests, is combined with their popular all-natural vanilla butterscrunch recipe.

Community Products, Inc., formed by Ben and Jerry's co-founder Ben Cohen, is practicing the principle that business should be responsible and accountable to society.

With the aid of Cultural Survival, CPI purchases the nuts in Rain Forest Crunch straight from the people who work in the forests.

By eliminating the middle man, nut harvesters receive three to 10 times the normal income for their labor.

In addition, the rain forest people learn that an intact forest can generate more income than slashing and burning the trees to create plantations on small ranches

that quickly lose their fertility. Profits from this product are distributed to several organizations.

Forty percent is directed to rain forest-based preservation organizations and international environmental projects. Twenty percent of the profits are donated to 1 Percent For Peace, an initiative striving to redirect 1 percent of the annual U.S. military budget to peace-through-understanding activities, and 10 percent goes to employee profit sharing.

The remaining 30 percent is reinvested in CPI.

This environment-protecting frozen treat is currently available at the two local Ben and Jerry's franchises, 1437 E. 86th St. and 2662 Lake Circle Drive.

Hand-packed pints are available for \$3.09, or you can practice conservation by the scoop for prices ranging from \$1.49 for a small cone or cup to \$2.69 for the large scoop.

Poet enjoys working odd jobs

By KEITH BANNER

The question isn't about when you start, but when you stop.

The topic is poetry, and the poet is Randy Cauten, from Charleston, S.C. He'll be giving a reading of his poems, and a workshop on writing at IUPUI Thursday.

In a telephone interview, Cauten described his beginning as a poet. "It's like what William Stafford once said, about writing, in any situation, 'It's not about really when you started as much when you stop.'"

And Cauten hasn't stopped yet. Besides writing poems that have been published in various literary magazines and reviews, he has also written plays and short stories.

Cauten said he writes everyday what he called "exercises."

"I do it mostly in a journal, prose and poetry mixed, and usually the journal entries become my poems."

His first book of poetry, titled "The Use of Force," was released in June.



Poet Randy Cauten relaxes between jobs.

"The title comes from (Friedrich) Nietzsche," he said. "It's about the irony of being anti-nihilistic."

Cauten, who attended graduate school at Syracuse University, said he's had a lot of job that have

nothing to do with writing and his outside work has helped his poetry.

"A lot of people go straight from undergrad to grad school. I think that's a mistake. There's a lot of English teachers out there who haven't experienced life, just academia," he said.

Cauten's life experiences have come in an unusual series of odd jobs.

He said he's been a mule driver, a lounge singer, a bartender and high school teacher, among other vocations.

"It has definitely strengthened my writing," he said.

He also said the list of writers he reads varies, but that recently he has been studying a master, William Shakespeare.

Cauten's workshop will begin Thursday at 2:30 p.m. He will read his poems at 7:30 p.m. Both programs will be in Business/SPEA 408B.

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5-2 loss no treat for booters Foresters trim Metros out of tourney

By JOHN KELLER

The men's soccer team was dealt a nasty Halloween surprise last Tuesday when host Huntington College defeated the Metro 5-2, knocking them out in the first round of the NAIA District 21 tournament.

The loss marked only the third time in the team's three-year history that an opponent has managed to score five goals.

"Our goalkeeper has been one of our weaknesses all year," said Coach Allen Eglimze, who led the Metro to an overall record of 11-7.

"Our other problem has been finding a consistent scorer," he added. "We had our opportunities, but we just couldn't capitalize."

The Metro fell behind early when the Foresters scored twice in the opening minutes.

Two goals, which I felt were pretty good shots," said Forester Coach Joe Harding of his defending District 21 champions.

"I understand he (IUPUI goalie Jason Pattison) is a second-string goalie, but these shots may have been hard for anyone to stop," he added.

The Metro later cut the score to 2-1, but Huntington soon stormed back onto the field, scoring its third goal in the first half.

According to Metro senior Kevin Scanlon, that goal effectively took the wind out of IUPUI's sails.

"It seemed like we were in control at that point," he said. "Scanlon said, 'Then whenever we would get close, they would score right away.'"

The Foresters drove nailed the coffin lid shut in the second half, scoring that more goals on their way to the 5-2 victory.

Harding said the lopsided score was not indicative of how close the game actually was.

"We to," advantage of our breaks early," Harding said, ad-



Guy Cunningham



Kevin Scanlon

mitting the two quick goals at the beginning of the game were the difference.

"If they wouldn't have allowed those goals, it could very easily have been a 3-2 game," he said. "I feel like IUPUI is every bit as good as they were supposed to have been coming into the tournament."

Huntington, who beat Goban 2-1 in the semifinal round last Thursday, was scheduled to play Bethel for the championship last Saturday.

Final results of the tourney were not known at press time.

Eglimze said his inaugural campaign as a college soccer coach has been a learning experience.

"I learned a lot as far as coaching goes," Eglimze said, who also coaches the Dynamo Football Club of Indianapolis in the summer.

"I learned how to organize practices and how to deal with players on an individual basis."

"There's a lot of times I had personal talks with players, and after I was done talking to them, it seemed like they would improve on what we discussed."

Eglimze also said keeping everyone happy at the same time was not an easy task throughout the year.

"I would have loved to have found 11 players who could go the whole 90 minutes, like they do in professional soccer, but that just isn't so at this level," he said. "I think the hardest thing was to make the kids understand that the decisions I made were best for the team."

Another difficult first-year problem, Eglimze said, was learning to understand the complicated District 21 tournament seeding system.

By the end of the season, the Metro had lost valuable points because they failed to score substantial amounts of goals against teams that were rated below them in the seeding.

"When we first got started, I just wanted to teach the kids how to play the style of soccer I expected, and I wasn't worried about beating teams badly," Eglimze said. "Next year, I'll make sure we do things a little bit differently."

The IUPUI soccer program, which began in 1987, will, for the first time, lose two players to graduation in 1990.

Scanlon and Guy Cunningham, who have been with the team since the program began, finished their soccer careers last Tuesday night.

Cunningham, who played his freshman year at Earham Col-

lege, is scheduled to receive a double-major degree in economics and organizational communications.

He said his experience with the Earham program was a boon to his success at IUPUI.

"When I first came out of high school, I thought I was good. But when I got to Earham, I found out how much I had to learn," Cunningham said, giving Earham Coach Roy Messer credit for his advancements in the soccer ranks.

"Messer taught me how to play tough defense, and he taught me how to practice hard. When I got to IUPUI, Joe Veal (IUPUI coach from 1987-89) helped me hone my skills," he added.

Cunningham, who received honorable mention on last season's NAIA All-American team, said his senior season was mediocre.

"My mind wasn't into this season, because it seemed like there were times in practice I didn't have to work hard, and that held me over into the games," he said.

Cunningham added that he hopes playing soccer will give him an edge in life after college.

"Obviously, I learned the benefits of team work, but there is also a certain kind of individualism which goes along with it," he said.

"I also learned how to deal with responsibility and how to be dedicated."

Scanlon, who will also graduate next year, hopes to become an assistant coach for the Metro.

"That would give me a chance to be around the team and help them with problems they might not want to take to the coach."

Scanlon said the thing he will miss most about the team is the "family" atmosphere.

"When we came in here we were just teammates, but now the guys have become sort of a family," Scanlon said.



Who's ball is it?

IUPUI volleyball players Monica Ramey (7) and Jessica Noeske block Indiana-Purdue Fort Wayne setter Chris Wilder's attempt to dunk the ball over the net. The Lady Metros came from behind to win their last regular season match 11-15, 15-11, 15-11, 15-9 last Tuesday night in the School of Physical Education Gymnasium. The Metros participated in the NAIA District 21 tournament last Friday and Saturday. Due to press deadline, the outcome of the tournament was not known. If they won the tournament, they will host the Bi-District tournament against an undetermined Kentucky opponent sometime this week.
Photo by JOHN HERNANDEZ.

SPORTS
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District 21 cagers tip off 50th season

By JOHN KELLER

The National Association of Intercollegiate Athletics (NAIA) championship, America's oldest organized college basketball tournament, celebrated its 50th anniversary last Wednesday as District 21 coaches gathered at the Ramada Inn downtown to discuss their plans for the 1989-1990 season.

"Indiana has been part of the NAIA program since the beginning," said District 21 chairman John Friend.

"Because of the tradition, this has become one of the most competitive districts in the nation," he added.

For most of the 19 teams in the district, the season will start next week and will run through Feb. 23.

Defending champion Taylor University, with nine returnees, is ranked first in the preseason district poll, picking up 13 first place votes from coaches.

"We really enjoy the play at this level of competition, and we hope to have another good year," said Coach Paul Patterson of his Trojans, who have won five of the last seven district crowns.

Following Taylor is the preseason poll is Marian, Franklin and Indiana Tech of Fort Wayne.

IUPUI, ranked in the No. 2 spot last season, is ranked fifth.

Metro Coach Bob Lovell said he will be looking for overall team improvement despite the departure of Jesse Bingham (21.3 ppg) and Todd Schabel (14.3 ppg) to graduation.

"We don't have the kids who

can generate the offense this year, but hopefully we will be able to be a lot more balanced," he said.

Lovell also said that the four teams ranked above IUPUI deserve their spots.

"I feel it is very accurate, and that is the way I would rank them," he said. "The top four are probably exactly where they should be."

Other teams that could make noise in District 21, in order of ranking, are the Indiana Hanover, Bethel, IU-Southeast, Tri-State, Grace, IU-South Bend, Anderson, St. Francis, Oakland City, Manchester, Huntington, Indiana Wesleyan and Gibson.

The history of the NAIA precedes World War II. The association's roots can be traced to 1937, when the first National Small College Tournament was held in Kansas City, Mo., two years before the first NCAA tournament.

In 1940, the NAIB (National Association of Intercollegiate Basketball) later named NAIA in 1982) began its first season as an organized body.

District 21 became well-known in 1950 when legendary Indiana native John Wooden led Indiana's NAIA team to victory in a National Championship when that team was affiliated with the NAIA.

"This district is so strong because all the teams have a good opportunity to win," said Friend, one of the district's elder statesmen.

Many of Indiana's NCAA Division I teams, including Evansville, Valparaiso and Ball State, began at the NAIA level.

Polo

Continued from Page 1

time. Positions include two-meter men, defenders, drivers (like guards in basketball) and goalies. Water polo has constant action, with team members swimming and treading water — often for an hour at a time.

There are 55 NCAA institutions that sponsor water polo as a varsity sport, most are West Coast schools, but the sport is growing quickly on the East Coast. No Big 10 universities have NCAA water polo teams.

The objective is to throw the ball into the opponent's goal in a regulation-sized pool. The ball must stay above the water at all times.

Holding, grabbing, pushing and banging are all part of the game.

Unnecessary violence, such as pulling an opponent under water, however, constitutes a foul. A referee follows the play from the dry side of the pool. When a foul occurs, the referee blows his whistle, beginning dead time.

During dead time, three or four seconds, the defense is not allowed to hold the offense in any way while the players try to position themselves to score.

The goal is large and difficult to guard.

Players move by holding the ball with one hand and swimming with the other or using their heads or shoulders for control.

Teams are distinguishable by the color of their swimming caps.

Play is divided into seven-minute quarters. If a tie is broken after the two three-minute regulation overtime periods, the teams play to sudden death.

Newland said he thinks water polo players are better overall conditioned athletes than those in other sports. Size, coordination and upper- and lower-body strength are pluses.

"This sport is getting more and more like basketball," Newland said. "Size is definitely an advantage."

Schroeder cited strong defense as a key to taking this year's championship and said UC Berkeley is probably considered the current favorite to win the championship.

But don't count Pepperdine, located in Malibu, Calif., out just yet.

"I like his choices," Schroeder said.

His predictions for the tournament picks include UC-Berkeley, UC-Irvine, Pepperdine, Stanford, UCLA, UC-San Diego, University of Arkansas-Little Rock and the U.S. Naval Academy.

The NCAA sponsors YES clinics in a wide variety of sports including baseball, basketball, soccer and field hockey to give youngsters 10 to 18 an opportunity to get basic skill instruction from experts in the sport, according to Liz Hanahan, assistant to the manager and coordinator of the water polo clinic.

The clinic is free, and 120 of the 300 available spaces were taken as of last Friday.

Anyone interested in the YES water polo clinic should call Hanahan at 236-2265.

A ticket for all sessions of the NCAA championship is \$25, a single afternoon session ticket is \$6 and a single evening session is \$8. Call 274-6787 for ticket information.

Water Polo Tickets Quiz

1. What would be an ideal horse for Water Polo?
 - A Saw horse
 - B. Shetland pony
 - C. Mx. Ed
 - D. Sea horse
2. What color is the ball?
 - A. Fashy
 - B. Fish tone
 - C. KKhk
 - D. Yellow
3. What type of uniform do Water Polo players wear?
 - A. Suit of armor
 - B. Lion cloth
 - C. Space suit
 - D. Speedo
4. What do Water Polo players eat?
 - A. Baby food!
 - B. Water chestnuts
 - C. Fish sticks
 - D. Salmonine sandwiches
5. Who invented Water Polo?
 - A. Mr. Ed
 - B. Thomas Edison
 - C. Marco Polo
 - D. Ralph Lauren
6. What are the four positions in Water Polo?
 - A. 2-meter man
 - B. Driver
 - C. Goalie
 - D. Defender
 - E. All of the above

Return this quiz to The Sagamore Coverdough Bldg., after noon today (7 tickets to the Nov. 24-26 NCAA Water Polo Championships. (Tickets good for one season only.) Name _____ Address _____

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	Men's Basketball: vs. Purdue-Calumet, Nov. 15

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'Teach-In' to promote student volunteerism

By MIKE PERKINS

National Philanthropy Day will provide a forum for motivating students to take responsibility for their campus and their community by volunteering.

National Philanthropy Day, which is celebrated Nov. 17 nationwide, will take place on campus on Monday, Nov. 13.

IUPUI is the only Indiana University campus to participate in the event, according to Marita Scherer, development director for the IU Foundation.

"Hopefully, we will attract more attention to how important volunteer work is to making our campus and community better," said Scherer.

Coordinators hope to generate

conversation about volunteerism and student community service through hour-long "teach-in" discussion groups.

"Teach-ins" were made popular during the 1980s, where teachers and facilitators lead discussions instead of lecturing.

Facilitating teams comprised of faculty members, community leaders and representatives of student government will address the questions of why to volunteer, how to volunteer and how specifically to volunteer at IUPUI.

Scheduled facilitator Marita Scherer of the Volunteer Action Center of the United Way said there are always ways for people to help the community.

"Any skill a person might have, there is a need for it," said Scherer.

Boyard also said that she is excited by the idea of having a new

Hopefully, we will attract some attention to how important volunteer work is to making our campus and community better."

Marita Scherer
Development director for
the IU Foundation

forum to share information with the public.

"Philanthropy is really based on the giving of time and money. We're not just celebrating the giving of money," said Scherer.

Ronald McDonald House, campus hospitals and the University Theater are organizations

cited by Scherer that could benefit from student volunteerism.

The discussions are co-sponsored by the Center on Philanthropy and the IU Foundation.

The IU Center on Philanthropy is unique to other centers nationwide because it is a comprehensive philanthropic organization; it teaches, researches and provides public service.

The center was formed in 1987 through a grant from Lilly Endowment. In-kind contributions, staff, materials and office space are provided by IUPUI.

The hour-long sessions are scheduled for 1, 2:30, and 4 p.m.

The location is yet to be announced. For further information or the location site, contact Marita Scherer at 274-5808.

Science

Continued from Page 1

Kuchawski said Storum has not swept in and remade the school in his own image, however. The main points of his plan have been concerns of school administrators since before the dean's arrival. The immediate future of School of Science includes the completion of Phase II of the Science, Engineering and Technology complex.

Phase I, where the school is currently located, was built in 1975.

Construction on Phase II is expected to be finished sometime next year.

Once Phase II is completed, the departments of biology, computer and information sciences and geology, currently housed on the 38th Street campus, will be moving into the new complex.

Phase III, which is estimated to cost \$20 million, will begin construction sometime after Phase II is completed.

Although the campuses will remain split until January 1991, Storum said he will be patient. "I can spend it for a couple of years," he said.

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Friday, November 10, 1989

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Time: 9 a.m. to 4 p.m. (appointment only)

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'Honors' helps students prepare for future

By KEITH BANNER

Only a small percentage of people take advantage of IUPUI's Honors Program, an educational supplement offered to students taking 12.0 hours per semester with at least a 3.0 GPA.

"Only about three or four students a semester apply," said Sally Cone, associate director of the IUPUI Gifted and Talented Program, of which Honors is the base part.

The Honors Program is celebrating its 10th anniversary this year without much fanfare.

But in the 10 years since honors opened its office doors, the program has evolved into a beneficial resource for the students who go to apply, Cone said.

"It's a good way to get started on research as an undergraduate. We've had honors students who write novels, do medical research. A person this year from Hotel and Restaurant Management is working on a dining guide for Indianapolis as an Honors project," Cone said.

The Honors Programs include special classes taken as Honors electives, listed in the spring schedule under HON.



Director Miriam Langsam and associate director Sally Cone discuss honors classes to be offered in the spring.

These courses include Interdepartmental Colloquium (which will be taught by IU President Thomas Ehrlich), Transformation of American Culture, and Experimental Physical Chemistry, among others.

Also offered under Honors, according to Cone, is the possibility of Independent Study, a program that allows students to expand their education on a one-to-one basis with instructors.

schedule as H300 (Honors Independent Study).

"In H300, the student comes up with a topic he's interested in, finds a professor, a mentor, to work with and then comes into to see us here at Honors. Usually projects are term papers, but sometimes it gets into art projects, novels, almost anything."

Cone also said that each department on campus has the option of developing its own Honors Courses for students.

The program offers Honors students chances at scholarships, summer job opportunities and a special "Honors file" kept on the student in the office.

"We also have a Senior Thesis, a senior course, which allows senior students the chance of re-searching a specific topic one semester, and then using the next semester documenting the research," Cone said.

"Honors, logically, helps students prepare for advanced academic work, such as grad school," Cone said.

"The student gets out of 'babied' through their papers, but the ropes of academics while he's still an undergrad."

The other approach to Independent Study is listed in the spring

Team work spells success for new textbook

By MARIE CIMBLEWSKI

IUPUI physiology students experience a real job and take with the authors of their textbooks, because the writers are also professors here.

Team work describes the reason for success of the text, *Human Physiology*, which took two and one-half years to complete.

The book was co-edited by Rodney A. Rhoades, professor and chairman of the School of Medicine, and Richard G. Pfander, associate professor of biology in the Purdue School of Science and of physiology and biophysics at IU School of Medicine.

"We weren't in this to make money, but to promote physiology," said Rhoades. "It's more to get students turned on to physiology."

Rhoades and Pfander decided to compile a physiology text written solely by physiologists, a unique

distinction for this type of book. Pfander said they thought there was a need to have a textbook that was well-written, up-to-date and scientifically accurate. They also wanted it to present material in a more informative and interesting way.

The writing of the text was to carry on a tradition of professors writing their own texts in the School of Medicine, according to Rhoades.

The textbook, published by Saunders College Publishing out of Philadelphia, has been adopted by universities and colleges nationwide.

For instance, Ohio State, Stanford University and the University of Hawaii have all included the book in their physiology curricula.

Although this semester is the first time the book is being used on a regular semester basis, it was used on this campus during

summer session.

The success of the book is attributed to the cooperation of the authors and contributions made by others involved.

"The success of the book is really due to everybody who contributed to the book," Pfander said. "Not only the authors themselves and the materials they contributed, but also to the publisher who put a great deal of money and time into the artwork and the development of the book."

Walter C. Low, an associate professor of physiology, contributed information pertaining to neurophysiology.

"I'm quite pleased with the success of the book," Low said. "I didn't expect the response from the universities that we've gotten."

It cost about \$300,000 to get the project off the ground, financed by Saunders.

Margie Waldron, senior marketing manager for Saunders, said the book has sold thousands of copies.

Waldron is responsible for marketing the textbook to other colleges and universities.

"Two of the competitors (in this field) are coming out with new editions to their textbooks since the release of this book," Waldron said. "We're anticipating a successful second year for the book."

The book goes from the cell to integrated organ function to the total body and deals with the basic control mechanisms at a molecular level, according to the authors.

Other contributing authors from the School of Medicine include Janice Frushkin, Stephen Kempson, Leon Knebel, Richard Metax, Daniel Peavy, George Tanner, Witta Wagner, and Joe Harberis and Reynaldo Elisondo, who are no longer at IU.

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