

Admission standards

School of Public and Environmental Affairs creating new policy which allows freshmen to enter directly into the department.

Page 3

Campus cuisine

The second in a three-part series takes a look at dining in cafeterias across campus. The Union Building and Law School venues are profiled.

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New Madrid threat

Although earthquakes are most often associated with California, a fault in the Midwest could greatly affect Hoosiers.

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The IUPUI Sagamore

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Monday Morning

January 31, 1994

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1 Section

Classes prepare students for 'real world'

High school students learn about various career options in Business Orientation Project.

By Lamont Austin
Contributing to the Sagamore

Eight minority professionals will educate more than 60 high school students in the 11-week Business Orientation Project of the Center for Leadership Development. The courses run from Jan. 8 to March 26.

The CLD has been in existence since 1977. "It was created by Lilly Endowment through the IU School of Business to increase the quality and quantity of minorities in leadership positions in business and industry here in central Indiana," said Wendell Rly, manager of community affairs.

Some things that the 11-week BOP teaches students include:

- how to better understand the workings of the business world,
- what they need to do while in school to prepare for a career in the business world, and
- what it takes to succeed as a business professional.

During these 11 weeks, students have an opportunity to learn various things about management styles, marketing and entrepreneurship.

Ray hopes that students gain a better understanding of what it takes to be a business professional.

He said that students are at an advantage because they can see living proof that minorities can excel in business.

"It is our hope that they decide to enter the world of business, or that they make an informed decision as to what it takes to be a business professional," Ray explained.

"Many students aspire into business but don't realize how many different careers fall under the umbrella of business. Hopefully they will learn through BOP," he added.

Eight facilitators are chosen to lead the class. They must have experience in dealing with young people, be minority professionals and be active participants in the business world.

As for the future of BOP, there are no immediate plans to change its curriculum. There are also no plans for expansion.

The number of facilitators and participants is deemed direct. The BOP sessions and its facilitators are judged at the end of each session.

Recommended changes are implemented at the end of each year, but there are never any wholesale changes.

The core of the program is the Self-Discovery/Career Exploration project. It helps students to understand their strengths and weaknesses, their values and priorities as they explore various career options.

Students who complete this 13-week program are eligible to participate in other programs the Center for Leadership Development offers, such as the Business Orientation Project.

Try it, you'll like it!



Chancellor Gerald Bekko receives thanks for the cupcakes from WTHR-TV's meteorologist Chuck Lofton during the University's 25th year anniversary celebration that took place at the food court last Thursday.

Rob Walter/The Sagamore

University contributing to growth of Indianapolis

Current study finds IUPUI to be among the city's top five employers in 1992-93.

By Brian Mohr
The Sagamore

IUPUI currently ranks as the fourth largest employer in Indianapolis, according to a study conducted by the Center for Urban Policy and the Environment.

The study entitled, "The Economic Importance and Impact of IUPUI as a Major Urban University for Indianapolis and Central Indiana," states that during 1992-93, the university employed 1414 full-time faculty, 6,787 full-time support staff and 3,450 part-time faculty and staff.

This level of employment compares closely to some of the city's other well known development projects in the past decade, such as the United Airlines MOC II facility and the Circle Centre Mall Project.

As far as the number of minority employees hired by the university is concerned, it is also one of the largest employers of minority workers in central Indiana.

Over 15 percent of IUPUI's workers are African-American, while African-Americans make up only 13.7 percent of the Metropolitan Statistical Area's (MSA) population. African-Americans and other minority groups,

especially Hispanic-Americans and Asian-Americans, comprise 20.5 percent of IUPUI's workforce and 15 percent of the MSA's population.

Salaries of campus employees also rank among the top in the city.

The university pays an overall annual income of \$349 million to its faculty and staff and the document went on to state, "IUPUI's current annual payroll is \$349,033,503 or 23.1 percent larger than the most favorable outcome from the MOC II facility."

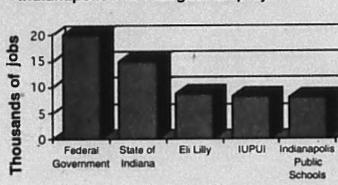
Grant and contract income

The university is adding to its reputation with the city through its gain in grant and contract income.

It has increased its annual income from \$58.2 million in 1988-89 to 89.4 million in 1992-93.

These numbers outperform IU-Bloomington by an overall margin of nearly \$40 million from the school years of 1991-92 and 1992-93.

Indianapolis' Five Largest Employers



Center for Urban Policy and the Environment 5/93

Construction funding

"Between 1987 and 2003, when final construction projects at the United Airlines MOC II facility are concluded, IUPUI will have invested \$586,700,000 in new and rehabilitated facilities."

This number exceeds the \$500 million invested for the United MOC II, the \$200 million invested into the Circle Centre and the \$66 million for the Finance Center.

The document concluded by stating that it found IUPUI's economic impact on the city to be "more substantial than any of the three individual economic development projects compared."

It ended by explaining that IUPUI is critical to the economic growth of Indianapolis and central Indiana.

Housing program discussed

The university is currently exploring options for building new student residential areas.

By Sherri Fugit
and Tom Freebalm
The Sagamore

Robert Martin is looking to add on. Martin, vice chancellor of Administrative Affairs, is studying the on-campus housing needs of the university.

No definite plans have been made. While officials believe there is a need for more housing, how much is not yet clear.

An ongoing year and a half investigation is exploring various types of housing needs, new ways of financing and contract management vs. privatization for the additional on-campus housing, Martin said.

"It has always been part of the evolutionary process of IUPUI and long-term campus plan to have more on-campus housing," said Martin.

Proposed site

The proposed site for new housing would be an 11-acre tract of land located in the Southwest quadrant of the campus - bordered by Limestone Street, Michigan Street, Hanning Place and the White River.

Acquisition of property and demolition of old houses are two hurdles the university still faces. The university has yet to acquire three parcels within the tract - two owned by individuals and one by the archdiocese.

The specific needs of groups such as freshman or married students need to be addressed as the planning progresses. The university will accomplish this with in-house market research and consultations with architects, other universities that have recently added new housing and the Association of College and University Housing Officers.

"New university housing needs to be in step with the 1990s," said David Paul, director of Campus Affairs.

In terms of amenities, students need the same types of comforts and conveniences they have at home such as their own room, kitchen facilities, televisions and computer network access.

"Most students today don't necessarily want to live in dorms," Martin said. Because of this awareness the university is investigating the feasibility of suite and apartment living.

Private and common space would be provided by a suite with four separate bedrooms and a common living area.

The present residence halls, Ball Residence, Warburton Apartments, the International House and the Graduate Townhouses serve 600-700

Please see Dorms on Page 3

Dental school on cutting edge

The Clinical Research Facility is helping companies develop new technologies in the dental industry.

By Arlene Townsend
The Sagamore

In today's advanced world, staying on the cutting edge of new technology is an important goal in any field.

The new Clinical Research Facility (CRF) at the IU School of Dentistry at IUPUI will keep the school at the forefront of restorative dentistry according to Bruce Matis, director of the CRF.

Founded in 1993, the facility, located on the fourth floor of the dental school, is used to conduct clinical testing of new products and help companies develop new technologies in dentistry.

According to Matis, the CRF can help dental manufacturers develop better products. Many of the faculty members hold joint appointments in other areas such as engineering, medicine, toxicology and immunology which enables them to transfer technology learned from one area to another.

Although other dental schools offer research facilities,

Matis thinks the CRF is more user-friendly for the seven-chair clinic and five full-time staff members.

Besides helping manufacturers test their products, the research process will be beneficial to faculty and students alike.

"The Clinical Research Facility will provide opportunities for faculty and students to do and observe clinical research," he said.

"My philosophy is to provide dedicated assistance to anyone involved in research and to get as many people involved in research as possible. We will give faculty members an opportunity to enhance their knowledge while working with real world implications," Matis said.

Graduate students can also benefit by real-world research experience.

The IU School of Dentistry has the highest number of graduate students enrolled in any dental school in the nation, according to Matis. The facility provides them with the opportunity to conduct the research needed to complete their thesis.

Continuing research is even needed by practicing professionals, added Matis.

"The need to do research is even important after opening



Mike Halloran/Contributing to The Sagamore

Principal Investigator, E. Brady Hancock (left), uses an investigational laser scaling device to treat patient John Vanchit in the IU School of Dentistry's new Clinical Research Facility. Hancock is assisted by Zoya Roberts, one of the facility's study coordinators.

Please see DENTAL on Page 3

PAID ADVERTISEMENT

THE STUDENT ACTIVITIES PAGE

INFORMATION COMPILED BY BRIAN MOORE

Activities Calendar

Tuesday/1st

• Campus Crusaders for Christ present a Bible study every Tuesday from 2:30 to 3:30 p.m. in BS 3023. Come and join for a time of fellowship with other Christian students.

Wednesday/2nd

• The Newman Center presents a "Midweek Menu" meal every Wednesday from 5:30 to 6:30 p.m. Enjoy an all-you-can-eat home cooked meal for only \$2.50 per person. On Wednesday Feb. 16, there will be no session.

• The School of Science will recognize students who earned an "A" in Science introductory courses in the Fall semester, at an informal reception. It will take place from 4 to 5:40 p.m. in LD 3300. R.S.V.P. today at 274-0626.

• Intersarsity Christian Fellowship presents "They Walked with God: Study of Old Testament Characters," every Wednesday from noon to 1 p.m. in ES 2108. This Bible study/discussion is interdenominational. Bring a sack lunch!

Friday/4th

• This week's discussion at the International House begins at 5 p.m. at the International Commons of Warthin Apartments. Please join this weekly social event that takes place right here on campus. Call the International House at 274-5024 for details.

Sunday/6th

• The Newman Club conducts a mass/religious workshop from 4 p.m. to 5:30 p.m. every Sunday in the Newman Center.

Wednesday/9th

• The Student Activities Office Student Leader/ Adviser Reception will take place in the University Place Hotel Ballroom from 4 to 5:30 p.m. All student organization leaders and advisers are invited to attend this reception. Invitations will be sent soon. Please RSVP to Freda Luers in the Student Activities Office at 274-3931.

Thursday/10th

• Global Studies, International Affairs Club and International House present a national teleconference with John Maxwell Hamilton entitled "Global Interdependence: The United States and The Third World." It will take place from 1 to 3 p.m. in NU 108.

Tuesday/15th

• The Catholic Newman Club will have a Mardi Gras Party starting at 5:30 p.m. in the Newman Center.

Wednesday/16th

• The Newman Club will be conducting an Ash Wednesday religious service in the Newman Center from 7:30 a.m. to 1:30 p.m. At 7:30 a.m. there will be a mass and distribution of ashes, and at 1:30 p.m. there will be an Ecumenical Ash Service.

Saturday/19th

• Join the Catholic Newman Club from 7 to 9:30 p.m. in Pan Am Plaza for ice skating. Meet at the Newman Center for car pooling. Price is \$4 and includes skate rental and admission.

Friday/25th

• The Japanese Club will present a seminar with Chikako Ishii from 7 p.m. to 8:30 p.m. in CA 5F (Faculty Lounge). To register call Waki Minra at 924-2631. She will be speaking on her counseling experiences through a cross-cultural aspect. This should be interesting not only for counselors or students who are studying counseling, but also common people because she may talk about family issues and problems.

9th Annual Gospel Festival

The IUPUI 9th Annual Gospel Festival has been slated for Saturday Feb. 26, 1994, at the Madame C. J. Walker Theatre at 7 p.m.

Advance tickets are already on sale and cost \$8. They can be obtained from the Office of Multicultural Student Affairs. They can be contacted at 274-4239.

Featured artist will be "The Ohio States' Mentoring Choir" from Columbus, Ohio. Last year's festival sold out 900 seats.

For more information, call the Office of Multicultural Student Affairs.

Bulletin Board

Mini-grant funds available to student organizations

The Indiana Campus Compact Student Volunteer Services Coordinator wants to let student organizations know that mini-grant funds are available for their community service projects. There are \$2,000 available in the mini-grants.

Applications are available in the Student Activities Office in the basement of the old library until Thursday, February 10. Call Benjamin Hunter in the Student Activities Office for details concerning the grants available.

Panhellenic Council seeking women to join fraternities

The Panhellenic Council encourages any woman interested in joining one of the two national women's fraternities to call Freda Luers in the Student Activities Office at 274-3931.

Women's Basketball

The Student Activities Programming Board would like to encourage all student organizations to come to the IUPUI Women's Basketball games, especially the women's game on February 1 at 7 p.m. Special giveaways will be going on during these games. The student organization with the most spirit will receive a free pizza party.



How Student Organizations May Submit Items for This Page

Pick up a *Sagamore* submission form from the Office of Student Activities (LY002). Complete all information on the form, including contact person's name and telephone number. Return the completed form to the Office of Student Activities by 5 p.m. on the Monday prior to *The Sagamore* publication date. The Office of Student Activities will date stamp and prioritize all completed forms. (Refer to the chart at the right for publication deadlines.)

Spring Dance for IUPUI's Silver Anniversary

Start planning now to attend the Spring Dance on Friday, April 8 at the Indiana Roof Ballroom. This annual event promises to be an exciting evening of food, dancing and a celebration of IUPUI's 25th Anniversary. Tickets will go on

sale in March. Watch for more information in upcoming issues.



IUPUI Night at the Symphony

The Student Activities Programming Board wants to remind you to mark your calendar for Wednesday, March 9 at 7:30 p.m. when the Indianapolis Symphony Orchestra performs a special selection of music in the Circle Theater. Alfred Savia will conduct the evening's repertoire, which includes music from 1969, as well as academic



IUPUI

concert. Watch for more information.

School of Liberal Arts Speakers Series

On Tuesday, February 8, at 7:30 p.m. in LE, the School of Liberal Arts Student Council 1993-94 Speakers Series will present Paula Matabane, associate professor in the Howard University School of Communications. Matabane, also director of that school's honors program, has written, produced and researched numerous

documentaries, television programs and informational videos on minority and multicultural issues.

A reception for Matabane will take place from 2 to 4 p.m. in the Honors Lounge, ES 2126. Food and drinks will be served. For additional information, please call 274-3976.

Forms Due by 5 p.m.: For Publication Date:

January 10	January 17
January 17	January 24
January 24	January 31
January 31	February 7
February 7	February 14
February 14	February 21
February 21	February 28
February 28	March 7
March 7**	March 21**
March 21	March 28
March 28	April 4
April 4	April 11
April 11	April 18
April 18	April 25
April 25	May 2

**Note these dates! No issue during Spring Break!

Swimming and Diving Club

Anyone interested in joining a swimming and diving club in hopes of turning it into a team should call Molly Smith at 686-9374 or Jenny Pinckert at 278-6459.

A women's and men's club will be formed. In order to get a team together, interest must be shown, and the club will do this.

SPEA implements new admissions policy

■ Freshmen now eligible to enter directly after high school.

By Sherril Fugit
The Sagamore

This semester the School of Public and Environmental Affairs is implementing an optional direct admission policy for freshmen, similar to that of the School of Business.

Seeking to better serve these students who qualify, the direct admission policy eliminates the customary academic time spent in the School of Arts and Sciences before the student declares a major.

"If we can hook the student early, we can have new student orientations that go beyond newsletters," said Martel Keister, manager of student services and SPEA graduate program coordinator.

Keister said SPEA is eager to be competitive and to recruit the best students. To keep students up-to-date in their field, motivated and

interested, she said the school will stress relevant experience, such as internships and volunteer work, as well as student organizations.

For SPEA, success in these areas means a high rate of student retention, longevity and increased enrollment. Benefits for directly admitted freshmen are numerous.

Early admission enables the student to sequence classes efficiently in their correct order when they're offered. This eliminates wasted electives, conflicting classes and summer courses squeezed in right before graduation.

The amount of time and money saved can be considerable for the students.

Finding out early if SPEA is right for them allows students to take advantage of school offerings at their leisure or change majors and make the transition easily without graduating at a later date than originally planned.

Also, networking immediately leads to more resources and more time to take advantage of them. Many of the professors also hold jobs in industry and commerce, which can result in job leads, letters of recommendation and insight into on-the-job experiences.

"Students with a career objective right out of high school have more affiliation their freshman year by belonging to a particular school," said David McSwaine, undergraduate program director.

To be eligible for direct admission incoming freshmen must meet general university and campus requirements for admission, have a combined score of 900 on the SAT, rank in the top quartile of their high school class and score at the college level in English, math and reading in IUPUI placement tests.

Prior to high school graduation, Keister recommends that students master English in speaking and composition and have a solid math background that includes college algebra, science classes and any college preparatory courses.

"Although all students may not be good at all subjects, SPEA is a supportive environment which acts as a safety net," Keister said.

Keister said even students who do poorly in some areas will come out of the school with a specialty.

"We know nobody will do well in everything, but we do want well-rounded students with a specialty," he said.

SPEA conducts college nights at area high schools with the admissions office. Students ask questions, make specific contacts and even find out if they qualify for direct admission. Even if they don't, they can already meet with an undergraduate adviser or find a mentor to turn to—all before high school graduation.

Born out of opportunity, SPEA's new policy was the result of brainstorming by the undergraduate program director and advisers.

They wanted to get out of the same old pattern of doing things. The decision was practically unanimous, McSwaine said.

SPEA is only the second school at IUPUI to offer this option. With the School of Business, they may be creating a trend that could possibly catch on with all campus programs in the future.

Despite the excitement surrounding this policy, SPEA's greatest concern is simply helping students achieve their goals.

Anticipating student questions and volunteering information helps them greatly when they are inexperienced and don't realize the questions to ask, McSwaine said.

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Dental

Continued from Page 1

your own practice," he said, "so that professionals know how to use different materials and what works best."

Matis thinks that professionals will be able to provide better dentistry after training in their facility.

"By starting the CRF, we're telling the community that we're interested in better dentistry, because the products we test will help better meet the needs of people," Matis said.

"That's a key role for any university." The community can help the center in their research efforts by becoming patients of the CRF.

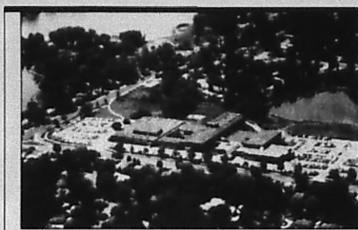
"Many patients think they're being used as guinea pigs, but they're not," Matis said. "All the materials have been tested before being used on

patients." "The public is welcome to come in and be screened. If a person meets the facility's research needs, we will offer our services at no cost to the patient, and even offer them monetary compensation for their time," Matis said.

The CRF's research involves restorative dentistry, which means fixing or restoring the teeth. The center has currently completed four projects, has 18 projects in process and seven still in development.

"The facility mainly tests products and materials just after they have been released on the market to see if they are better than the other materials that have been previously available," Matis said.

The center is also involved in the research on Institutional New Drug applications, which are studies the Food and Drug Administration requires on certain dental equipment.



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2501 West 84th Street, Minneapolis, MN 55431

Dorms

Continued from Page 1

students.

Fifty percent of all of these students are single with the majority of them staying at Ball Residence. Of these, 61 percent are 18 or 19 years old.

Married student housing is a necessity for the other 50 percent of on-campus students.

Financing

This is an area where the university is exploring its options. One possibility that has been successful in the past is the university/private sector partnership.

Here, the facility would be built by a

private developer but managed by the university.

Such is the case with the University Place Hotel which was constructed, built and paid for by a private developer with the grounds leased to the university.

This partnership is beneficial to both the university and the students. Forming an alliance with the private sector helps the university in two ways.

First, the developer would provide financing for construction. Additionally, using a private developer expedites construction of

the facility more quickly and easily. If the university took over construction, more approvals would be required that from the private developer, and hence, the amount of time, effort and difficulty to do the same task would increase.

Freshman living on their own for the "first time" will benefit from university management of the residence by retaining university affiliation and all the university programs.

No date has been set for completion of any preliminary discussions, contract negotiations or construction.

Correction and Clarifications

Due to an error in last week's issue, award winners at the Martin Luther King Jr. celebration were misidentified.

Angela Ross received the "I Have a Dream" award and Darrett Barber received the "Dr. Joseph P. Taylor Academic Award."



"B.F.A?
B.F.D.
I'm through
with the whole
wank-a-rama."

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We will be on campus Friday, February 4th from 9am - 4:30pm. Please register at the Student Employment Office DS2010.

EOE M/F/D/V

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Sagamore

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Sports



Pete Kapsalis, head soccer coach, has many years of experience with coaching and numerous recruiting connections to bring to the Metros.

Coaches trading places

The 1993 head soccer coach and assistant coach are switching roles in 1994.

From Sagamore Reports

Pete Kapsalis, who helped guide the Metros to the 1993 NAIA District 21 Championship as an assistant coach, has been named the new head coach at IUPUI. Athletic Director Hugh Wolf recently announced.

Kapsalis and Allen Egilmez, former head coach, will be switching roles for the team's coaching staff as Egilmez becomes an assistant.

"That is the reason we hired him," said Egilmez. "He has more time and experience to offer. We are planning for NCAA Div. II competition."

Egilmez also said Kapsalis has many contacts that will be beneficial to the Metros. He hosts many soccer camps that will increase the visibility of the

IUPUI program to potential recruits. He also has a United States Soccer Federation National License and teaches classes for the Indiana licensing program.

Formerly, Kapsalis was the soccer coach for Carmel High School. During his eight years with Carmel he was named the Indiana Soccer Coaches Association Coach of the Year five times. He also led the Greyhounds to three state championships and two runner-up titles.

"I'm very excited about this opportunity," Kapsalis said. "It was comfortable in my role last year and proud of the team's accomplishments."

Kapsalis also said he is excited about next season's possibilities.

"We look forward to adding a lot in 1994, as far as our schedule and level of play go," he said. "With our talented recruits and experienced returning players, it'll be an exciting and promising year."

NAIA ALL-DISTRICT 21 SOCCER TEAM



Brian Kwiatkowski



Tim Caldwell



Scott Johnson

Three players from the Metros' NAIA District 21 championship soccer team have been named to the all-district team.

Senior forward Brian Kwiatkowski, junior goalkeeper Tim Caldwell and senior fullback Scott Johnson were among 15 players selected.

Kwiatkowski scored nine goals and six assists in 1993 to become IUPUI's all-time leading scorer, with 83 points.

Caldwell had five shutouts and 122 saves for the season. He allowed just 1.84 goals per game. He is IUPUI's career shutout leader, with 16 earned over 60 games.

Johnson scored two goals and

two assists this season, ranking 12th for IUPUI in all-time scoring.

"Brian came around towards the end of the season, especially in the district tournament," former head coach Allen Egilmez said. "He has always been our go-to guy and main scorer."

"Tim made a lot of saves and good plays that kept us in games," Egilmez said. "He had three straight shutouts during the tournament, so he definitely deserves to be honored."

"Scott was our offensive playmaker," Egilmez said. "He made a big difference, as he created a lot of offensive chances for his teammates."

Sports Briefs

Compiled by Benjamin Cox

Lovell on television

Metros basketball fans will find a wealth of inside info from head coach Bob Lovell on television again this year.

The weekly IUPUI Basketball Show, featuring Lovell and host John Adams, has returned to early Monday mornings at 12:30 a.m. on WMCC-TV. The show will run through March 21.

Basketball results

The IUPUI homecoming game was Jan. 22, when the men's basketball team fell to Drury

College 71-94.

Darrin Bowling, junior, had a season-high 19 points and 12 rebounds for the game. The men's next game was on Jan. 25 at Taylor University. The Trojans triumphed over the Metros with a score of 71-83.

Softball tryouts

Pre-season conditioning has already begun for the women's softball team. Anyone interested in trying out for the team should contact Cindy Reese at 274-0622. Practice officially begins Feb. 17.

Genital Herpes Vaccine Study

Volunteers are needed for a trial of a vaccine to prevent genital herpes. The participants must not have a history of genital herpes but must be at risk for infection for one of the following reasons:

1. By having a regular sex partner with genital herpes
2. By being sexually active with several different partners
3. Having a documented sexually transmitted disease within the past year.

If you or someone you know would like more information about the protocol and available compensation, please call 630-7221 and ask to speak to a research nurse.



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IUPUI BOOKMARKS 1994-95 NOMINATIONS

"The Changing Face of America"

Which books define today's dynamic America? Since next year's IUPUI BookMarks programs will focus on this theme, we need to know what you think. We want to plan events that you will want to attend—so send your nominations today! If you wish to nominate more than one book, please submit additional copies of this ballot.

NOMINATIONS MUST BE RECEIVED BY MONDAY, FEBRUARY 14, 1994

Book Title: _____

Author: _____

Reason for Nominating this Book: _____

Your name: _____

Daytime phone: _____

Address: _____

MAIL OR DELIVER BALLOT TO: IUPUI BOOKMARKS
UNIVERSITY LIBRARY, UL 1110C
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Voice

State of the Union

■ Governor, President, both sound like Republicans but still act like Democrats.

Don't panic. That sound you hear is just hell freezing over after the president's State of the Union address last week.

Like Gov. Evan Bayh's State of the State address earlier this month, Bill Clinton's speech often sounded like it had been written by Bill Bennett, Jack Kemp or Newt Gingrich. Unfortunately, not quite often enough.

But in the spirit of bipartisanship, allow me to quote those few passages that did reflect the direction America should be taking. And let it never be said that even a Democrat can't say the "right" thing when he tries hard enough. However, never forget that a lot of people thought his campaign promises sounded good, too. Now we can still only faintly hear the echoes of them being broken. Anyway, on with the good stuff:

"If we simply give ordinary people equal opportunity, quality education and a fair shot at the American Dream, they will do extraordinary things."

"For 30 years, family life in America has been breaking down. Let us resolve to continue the journey of renewal; to create more and better jobs; to guarantee health security for all; to reward work over welfare; to promote democracy abroad; and to begin to reclaim our streets from violent crime and drugs and gangs; to renew our own American community."

"If we value work, we can't justify a system that makes welfare more attractive than work... If we value responsibility, we can't ignore the \$34 billion in child support absent parents ought to be paying to millions of parents who are taking care of their children. If we value strong families, we can't perpetuate a system that actually penalizes those who stay together."

"Employer-based private insurance for every American was proposed 20 years ago by President Richard Nixon to the United States Congress. It was a good idea then, and it's a better idea today."

"Our forces are the finest military our nation has ever had. And I have pledged that as long as I am president, they will remain the best equipped, the best trained and the best prepared fighting force on the face of the Earth."

"We must not cut defense further."

"First, we must recognize that most violent crimes are committed by a small percentage of criminals who too often break the laws



VIVID

even when they are on parole. Now those who commit crimes should be punished. And those who commit repeated, violent crimes should be told when you commit a third violent crime, you will be put away, and put away for good. Three strikes, and you are out.

"We must remember that drugs are a factor in an enormous percentage of crimes."

"Our problems go way beyond the reach of government. They're rooted in the loss of values, in the disappearance of work and the breakdown of our families and our communities."

"The American people have got to want to change from within if we're going to bring back work and family and community. We cannot renew our country within a decade more than half of the children will be born into families where there has been no marriage."

"We can't renew our country when children are having children and the fathers walk away as if the kids don't amount to anything."

"We can't renew our country until we realize that governments don't raise children, parents do."

"Parents who know their children's teachers and turn off the television and help with the homework and teach their kids right from wrong - those kinds of parents can make all the difference."

"Thank you and God bless America."

Let's hope all the rhetoric sinks in and Bill stops simply quoting conservatives and actually begins listening to them.

Maybe then we can achieve realistic health care reform that streamlines bureaucracy but doesn't increase it, that retains choice, not government mandates.

Maybe then we can reduce crime instead of encouraging it with ridiculously weak punishments for violent felons.

Maybe then we can help our children become responsible citizens, not feeders at the welfare trough.

Maybe then we can maintain the strongest military in the world, where soldiers are proud of the uniforms they wear.

Maybe then we can again compete globally in high-tech industries that have fallen to Asia far too long.

Maybe.

Trent D. McNeely is a senior majoring in journalism

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Editor in Chief

The IUPUI Sagamore

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Publisher

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A Temporary Solution

■ The Student Activity Office's proposal to temporarily use the first floor of the old library will benefit students.

Once upon a time IUPUI had a vision to convert the old library into a student center where students could congregate, study and, just maybe, meet other people and have a little fun.

While that vision still unfolds, the effects of the record-breaking temperatures of two weeks ago linger in the back of students' minds as they search for a warm, dry place to study between classes. Most often, however, the only place available is the hallway, which is obvious when trying to maneuver through the hallways in the basement of Cavanaugh Hall.

The thought that there is an unused, abandoned building with more tables, desks and chairs that would seat twice as many people as Lecture Hall 101 is ludicrous.

Yes, it's the old library (or the new Student Center, depending on whom you ask).

While the Undergraduate Student Assembly and campus administrators continue to debate the use of the building, a temporary solution, which emerged during a meeting last November, is a plausible working one that would require nothing more than to move some desks and chairs.

The solution - open the first floor of the old library for immediate student use.

The cost is minimal.

The impact is immense.

"The longer we wait, the more impractical it is," said Mike Wagoner, director of student activities.

As a matter of fact, his office prepared a complete proposal on the idea after that November meeting.

The proposal outlines plans to open the first floor for six months.

The cost, including staff members, furnishings and paying for electricity, amounts to a grand total of approximately \$48,000.

Where would this money come from and who would be in charge of the added space?

As of Dec. 31, 1993 the student renovation account totaled \$773,396.90. This money has been accumulated courtesy of the activity fee students pay each semester. Each student pays \$6.50 into this account per semester.

"We told everyone that we would hire the people to monitor the use of the first floor," said Wagoner.

The reason for opening the first floor to students is two-fold. It would allow additional group study space and it would allow student meeting space.

It would also reaffirm the university's commitment to the disabled population on campus and bring the building up to the codes outlined by the Americans with Disabilities Act.

Currently, a temporary situation is in place for disabled students wanting to reach the basement of the building, said Wagoner.

If a student with a disability wants to get down to the basement, they must wait at the top of the stairs and call the Student Activities Office for assistance. The student then has to wait for someone to come and help.

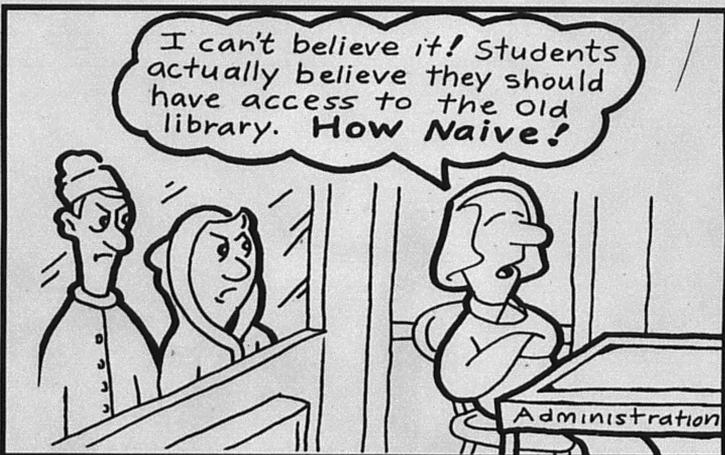
Pamela King, director of disabled student services was notified of the decision after the decision was made.

"Originally, when this decision was made, they were planning to open the first floor up to students, but now they're not," said King.

This is not a temporary situation, it is a permanent one.

The proposal to use the first floor is a sound, solid, temporary solution that would allow students to benefit from the vision the university had long, long ago.

Darin Crona for The Sagamore



Your Voice

■ Firefighters stop disaster in School of Science.

On Monday, Jan. 17, a frozen pipe burst on the second floor of the LD building in the School of Science at IUPUI. The break put the building at risk for electrical fire and heavy water damage. Both were averted due to the superb efforts of firefighters from the Indianapolis Fire Department, who covered expensive equipment, books and furnishings with tarpaulins while dealing with the potential fire hazard. On behalf of the School of Science, I wish to express our appreciation for their quick and decisive actions.

I also wish to thank the University Police Department and our maintenance staff for their fine work in clearing the building and removing the water.

The cooperative efforts of all these individuals minimized what could have been a major disaster. We are all fortunate to have the assistance of such highly competent professionals.

David Stocum
Dean, School of Science

■ Where did the furniture go in Cavanaugh Hall?

By now many students have noticed that there is no furniture on the 4th floor of Cavanaugh Hall. Perhaps someone is ordering new furniture, or planning on doing some construction? That is what I thought, until someone told me that a male student was studying there - the same place where the school of liberal arts office is located - and where his ex-girlfriend works part time.

The story goes as follows: the male student was studying in a chair that faced

the direction of the office. This upset the ex-girlfriend so she had the chairs rearranged - with permission of those in authority - so the chair her ex-boyfriend sat in would face the opposite direction. She also had a sign posted which read, "Do Not Move the Furniture." When the male student continued to study on the fourth floor, she had the furniture moved to the fifth floor, where the furniture now stays.

Again, I must emphasize this is what I heard through the grapevine.

Being a responsible individual and thinking this sounded strange, I asked the School of Liberal Arts for an explanation. They said not to worry about it.

The more I asked about it, the more the story I heard sounded more like fact than fiction.

If I am mistaken and there is much more to the furniture on the fourth floor, I apologize and look forward to an explanation. I think that since this has affected myself and other students, we have a right to know why these actions have been taken.

Cindycara Burrows
Junior/SPEA

Readers are invited to submit letters to the editor or guest columns on any topic. Letters should be limited to 250 words and columns to 700 words. Guest columnists will need to make arrangements with the Voice editor for a photograph to accompany the column.

The Sagamore reserves the right to edit letters and columns for length, style and grammar. Submissions may be made in several ways, including in person at The Sagamore office (Cavanaugh 001G).

Diligence

■ In a time with a tightening of the financial belt, campus administration has provided support, equipment and funds to support students with disabilities.

Before the Rehabilitation Act of 1973, persons with disabilities who opted to go to college were often faced with inaccessible buildings, little or no alternative listening devices, no notetakers and no alternative test-taking procedures. They were often provided three choices: homebound, institutionalization or a participant in a circus. The laws of the land had "ugly" laws that prohibited persons who were not pleasing to the eye to partake in public education.

All of this began to change in the 1950s when the era of special education in the United States emerged. Brown v. Board of Education paved the way. It concluded that "no one may reasonably be expected to succeed in life if he is denied the opportunity of an education. Such an opportunity, where the state has undertaken to provide it, is a right which must be available to all on equal terms."

The Fifth Amendment's guarantee of due process by suggesting that denying education to any citizen was tantamount to depriving that citizen of an opportunity to develop the skills necessary for acquiring property without due process of law.

The 1960s have been labeled the era of therapy, training and research. President John F. Kennedy boldly committed the country's resources to the cause of individuals with disabilities. Kennedy stated that "The manner in which our Nation cares for its citizens and conserves its manpower resources is more than an index to its concerns for the less fortunate. It is a key to its future..." Kennedy established a presidential committee consisting of leading professionals in a variety of fields related to special education. Funds were allocated for training professional personnel to work with persons with disabilities and for supporting research and demonstration projects.

The Bureau of Education for the Handicapped was established in the U.S. Office of Education to administer research, educational and training programs supported by the federal government. By 1973 the Rehabilitation Act was passed. The law covers modifications of degrees and courses, exclusion from classes, alternate testing and evaluation techniques, use of special equipment, use of notetakers and interpreters, use of guide dogs, service dogs, admission policies and specialized counseling services. Section 504 of that Act provides that "No qualified handicapped student shall, on the basis of handicap, be excluded



PAMELA KING

from participation in, be denied the benefits of, or otherwise be subjected to discrimination under any academic research, occupational training, housing, health insurance, counseling, financial aid, physical education, athletics, recreation, transportation, other extracurricular, or other post-secondary education program or activity..."

But what does this mean to IUPUI and its students? Formerly called the Disabled Student Services office, Adaptive Educational Services commits its resources to establishing the seamless web with students with disabilities to the academic community. We arrange for alternative test-taking with little or no interruption to the class or the professors. We arrange for interpreters for the deaf, notetakers and have two rooms in the new library dedicated to students with disabilities.

Specialized equipment assists the person who is blind to type and read in braille, listen to books on tape, compose on a computer with voice synthesis. The person without arms or who has very limited use of arms now can draw and compose on the computer with the assistance of headsets. Our office serves as the intersection between the student and the faculty. An intersection between other service offices, financial aid, bursar and registrar with the student has also been established. Students with disabilities no longer have to drop out due to an absence or lack of interpreters or notetakers.

The beauty of all of this is that it did not take a law, a law suit or an accident for IUPUI to make modifications to buildings, classrooms, and equipment. The administration is committed to serving students with disabilities. In a time with a tightening of the financial belt, the administration has provided support, equipment, and funds to support students with disabilities. All of this has been made possible due to the leadership of the campus administration. Without their support and commitment, we would remain an office that is in name only, due to a mandate. AES supports inclusion of students with disabilities into all phases of academic life. We promote independence of the students. Without the support of the administration, the office would function as a caretaker, promoting dependence and exclusion rather than independence and inclusion. Students who are blind, quadriplegic, chronically ill, learning disabled, hearing impaired and/or orthopedically impaired now actively participate in IUPUI's academic agenda.

Pamela King is the director of Adaptive Educational Services

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Research Done Any topic. Papers/dissertations typed - any style. Resumes done any format. Document editing, proofing & indexing. Call L.E. Adams, M.L.S. 254-0206.	For Rent Available Now! Two, spacious 3BR townhomes! Perfect for prof. students. Over 1,780 sq. ft. Rent starts at \$1,050. Also a one bedroom for only \$550. Heart of downtown! Rock Realty, 634-6676.	\$500 Cash in Indianapolis is looking for its next great talk host and is offering a \$500 finder's fee for the person who recommends our next full-time host. Do you know a professor whose lectures you find stimulating? Is this person interested in and knowledgeable about current events and the topical issues of the day? Can they relate to the average person, incite them, get them involved? If the answer is yes, and you put us in touch with that person you could make an easy \$500! Call Kent Sterling at WIBC (317) 582-4307.	Greeks & Clubs Earn \$50-\$250 for yourself plus up to \$500 for your club! This fundraiser costs nothing and lasts one week. Call now and receive a free gift. 1-800-932-0528 ext. 65.	Home typists, PC users needed. \$35,000 potential. Details: Call (1) 805 962-8000 ext. 8-7990.	Alaska Summer Employment fisheries. Many earn \$2,000+/mo. in canneries or \$3,000-\$6,000+ on fishing vessels. Many employers provide benefits. No exp. necessary! For more info. call: 1-206-545-4155 ext. AS578	Quality Typing - Resumes & papers (APA too). Campus pickup. 431-8866.	Quiet non-smoking male to share 2 BR RM Apt. \$210/mo 329-0238.	Travel Spring Break '94 Cancun, Bahamas, Jamaica, Florida & Padre! 100% Lowest Price Guarantee! Organize 15 friends and your trip is FREE! Take a Break Student Travel (800) 328-7283
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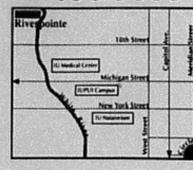
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Focus

New Madrid, old trouble

Earthquakes aren't just the problem of Californians.

By Tom Freedman
The Sagamore

Midwesterners woke up in the deep freeze on Jan. 17 to be greeted by the news of the earthquake in Southern California. We may be subject to arctic blasts, tornadoes, floods and droughts, but at least the ground is as solid as a Hoosier home-cooked meal, right?

The answer is — not necessarily, according to Pascal de Capraris, associate professor of geology.

While the state gears up for riverboat gambling and pari-mutuel betting, seismologists — the scientists who study earthquakes — are cooking up some odds of their own.

The latest thinking is that there is a 50/50 chance of a magnitude 6.0 earthquake on the 120 mile-long New Madrid fault, between Marked Tree, Ark., and Cairo, Ill., within the next 15 years and a five percent chance of a magnitude 7.0 within 20 years, according to Dr. de Capraris.

Remember the New Madrid fault? The one that the late climatologist Iben Browning said was going to swallow up the Central United States on Dec. 3, 1990, with a cataclysmic earthquake of biblical proportions? Well, Browning and his prediction have come and gone but the fault is still there and it is sleeping fitfully, like a rabid pit bull in the backyard.

"Several hundred earthquakes a year occur (in the region of the New Madrid fault)," Dr. de Capraris said.

"Typically they are small ones, most are not felt."

These small earthquakes pose no threat, but the fact that the New Madrid is capable of larger, damaging earthquakes is not in question.

"Between December of 1811 and February of 1812, at least, three and possibly five earthquakes greater than magnitude 8.0 occurred there," Dr. de Capraris said.

"In that three-month interval between December and February there were five more earthquakes of magnitude 7.0, 10 like the one that occurred in California, 89 of magnitude 4.0 and 1,800 smaller events. Aftershocks occurred until 1817. It was just an incredible swarm of events."

The magnitudes for the 1811-1812 events are approximations inferred from accounts of the damage they caused.

The largest of the events set church bells ringing in Boston and Washington, D.C., the Mississippi river reversed its course for a time in the vicinity of the quake and tremors were felt as far away as Quebec.

Hoosiers not immune to quake damage

A magnitude 6.0 earthquake in the New Madrid fault would not be of major concern to the inhabitants of central Indiana, but could cause some inconvenience and minor "wallet-damage," according to Dr. de Capraris.

"Bookcases not secured to the wall will rock and possibly fall over, some of the books may fall down," Dr. de Capraris said. "Furniture will rock around and pictures will fall off the walls. Cupboard doors will come open and cans could fall out. Nothing serious — unless you are under it at the time."

In Southern Indiana the damage could be much

greater. Old brick buildings could be damaged beyond repair, decorative brick on homes could peel off and some older bridges could be rendered dangerous.

Dr. de Capraris had a number of ideas to make a home safer in the event that an earthquake occurs. He was quick to point out that these tips (see the Tips Box on this page) are just as useful in case of a tornado.

"The house is subjected to almost the same shaking stresses in a tornado as an earthquake," Dr. de Capraris said.

Common sense best defense

Basically, Dr. de Capraris stresses the need for common sense. Don't use matches or candles for a light source until you are sure there are no gas leaks. Turn off the power in the house if there seems to be damage. Have some basic disaster supplies on hand, in case of an interruption in power or water supply for a few days.

"Don't put heavy pictures over your bed," Dr. de Capraris concluded with a laugh.

While earthquakes are a more common phenomena on a worldwide basis than news reports might lead people to believe, (there are one to two magnitude 8.0 and more than 100 magnitude 6.0 quakes per year on average,) ones that can be felt are rare in mid-continental areas.

The forces that cause earthquakes

The theory of plate tectonics says that the Earth's crust is made up of a number of independent plates that move slowly (typically inches per year) about the surface. It is where these plates meet, like in California, that most earthquakes occur. The forces and faults that cause mid-continental earthquakes are much less understood, according to Dr. de Capraris.

"It is very difficult to study them (here)," Dr. de Capraris said. "They have much better conceptual models of what's going on in California because so many of the faults there exist at the surface and have been studied for a hundred years."

The New Madrid fault, on the other hand, is buried under a mile or more of rock laid down

over millions of years when the mid-continent was covered by shallow seas. But gravity and magnetic surveys have given seismologists some idea of what they are working with, if not exactly how it works.

Scientists now think that the New Madrid fault may be associated with a failed rift system, an area of weakness where the continent was in the process of splitting apart, according to Andrew Barth, assistant professor of geology.

"There have probably been several episodes of rifting in that general area," Barth said.

Rift systems are well-known phenomena on the modern Earth. They include such areas as the mid-Atlantic rift that is expanding the Atlantic ocean and the East African rift that may split parts of the east coast of Africa from the rest of the continent in a few million years, according to Barth.

Why the ancient mid-North American rift stopped forming is not known. What is known is that the New Madrid fault is waiting and it is an earthquake maker.

As the North American continent moves westward its rocks are compressed. This compression causes the rocks in the zone of weakness to deform, storing energy as they do.

When the stress becomes great enough to overcome the natural friction between rock masses, they move. Like a waltz spring that breaks, they try to return to their former shape and the stored energy is released. If the energy released is great enough, bookshelves fall over in Indianapolis, according to Dr. de Capraris.

Some good news and some bad news

The good news is that mid-continental earthquakes are much rarer than those in California. The bad news is that this fact makes mid-continental citizens and governments less prepared than their West coast counterparts in the event there is a disaster within the Earth's crust.

This is probably not a major concern for

who saw Browning as a crank, were lost in the chaos.

The fact that Browning was a climatologist, and only a hobbyist in the science of earthquakes, was ignored.

By the time all was said and done, dozens of television newshounds armed with satellite equipment had descended on the area, school children had been excused from classes, businesses had closed, people had stocked up on provisions to survive "The Big One" or fled the area. *Newsday* even reported that the Christmas parade in Pine Bluff, Tenn., had been canceled for fear of the disaster.

Nothing happened. Dec. 3, 1990 ended up being "The Day The Earth Stood Still."

Once bitten, twice shy seems to be the reaction of a population and a press corps made fools of by a false prophet.

Should this prediction be believed?

So why should anybody take the predictions of seismologists seriously?

Because the technique used by earth scientists to make forecasts are based on statistical data, according to Dr. de Capraris.

"From the kind of statistics they've gotten from 1811 to the present, they estimate that the recurrence rate for a magnitude 6.0 event (on the New Madrid fault) is 70 to 90 years," Dr. de Capraris said. He said that the rate for a magnitude 7.0 earthquake is thought to be a few hundred years and a magnitude 8.0 every 300 years or more.

The last magnitude 6.0 earthquake on the New Madrid fault was in the 1880s.

"We are due for one," Dr. de Capraris said.

While Barth does not dismiss statistical earthquake forecasting or the need for preparing for emergencies, he does believe that there is room for a good deal of error.

He points out that the forecasts for the New Madrid are based on the recurrence of confom, low magnitude earthquakes that scientists have recorded on instruments. They then try to project what the recurrence rates are for larger, more damaging earthquakes.

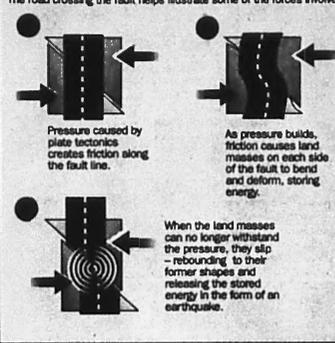
The problem with this is they don't have any instrumental record for one of these events. The earthquakes of 1811-1812 happened long before reliable scientific equipment existed.

He likens it to weather reporters making snowfall predictions for the coming winter.

"How likely is it that we are going to have snow?" Barth said. "Very likely — every year we have some. How likely is it for any given day or week that we can predict, beforehand, exactly how many inches we are going to have? That you're going to take with a much bigger grain of salt."

The making of an earthquake

Here's a simplified explanation of an earthquake caused by compression. The road crossing the fault helps illustrate some of the forces involved.



Mike Perkins/The Sagamore

Indianapolis, but it could be catastrophic for cities closer to the New Madrid fault.

"Memphis and St. Louis will have a real problem," Dr. de Capraris said. "The damage will be incredibly greater than here. Memphis is only about 35 miles from the zone."

A magnitude 6.0 earthquake close to Memphis would cause damage similar to the one on Jan. 17 in California, according to Dr. de Capraris. Indeed there are factors that could make it worse.

Strict building codes to lessen earthquake damage have been in effect for a shorter time in the Central U.S. than they have been in the West, so there are probably more structures that are susceptible to damage east of the Rockies.

Also most of the cities in the East are built in floodplains and this holds yet another risk to buildings.

"When the (earthquake) waves reach a flood plain, which is basically a ditch with sand in it, they reflect back and forth and interfere with each other and you get increased motion," Dr. de Capraris said.

The area of damage would be greater for a mid-continental earthquake too, according to Dr. de Capraris. This is because the mid-continental rock is colder and less deformed than that in California allowing the energy of an earthquake to be transmitted farther.

Earthquake magnitudes

Magnitude scales are logarithmic. This means that for each increase of one whole number, the ground motion (amplitude) of the earthquake has jumped 10 times. For example, a magnitude 7.0 earthquake is 10 times stronger than a magnitude 6.0 earthquake, while a magnitude 8.0 earthquake is 100 times stronger than a magnitude 6.0.

While the amplitude of an earthquake jumps ten times for every whole magnitude number, the energy released increases by approximately 30 times.

If we use the example from above, a magnitude 7.0 earthquake releases 30 times more energy than a magnitude 6.0, while a magnitude 8.0 releases 900 times more energy than a magnitude 6.0.

1990 prediction discredited

It is not surprising that people in the New Madrid area have tried to forget all about earthquakes since "The Great Prediction of 1990."

The press jumped at Browning's sensational announcement that there would be a major New Madrid fault earthquake on or about Dec. 3. As the date approached, more and more people grew concerned and the voices of reputable scientists,

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