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January 24, 2000 Volume 4, Number 1 • Indianapolis, Indiana

STD researchers gain noteworthy funding

Three grants, totaling \$16.83 million, have been received by the Division of Infectious Diseases for continued research into sexually transmitted diseases.

The Midwest Sexually Transmitted Diseases Cooperative Research Center has received the second renewal of its National Institute of Allergy and Infectious Diseases grant. Initially funded in 1991, the center is a consortium between IUSM and Northwestern University Medical School.

The four-year grant renewal brings nearly \$4.52 million in research funds to the center, which is the only NIH sexually transmitted disease research consortium in the Midwest. IUSM has two federally funded STD centers: one that focuses on adult populations and one that researches sexual behavior in adolescents.

Center director Stanley Spinola, MD, says the primary objective of the Midwest Center is to enhance the efforts of physicians and researchers with different scientific backgrounds and interests on sexually transmitted diseases. The ultimate goal is to develop new approaches to prevention of STDs.

Center researchers include individuals with expertise in the basic biomedical sciences, patient-related research, and behavioral and epidemiological studies.

Recognized nationally for their comprehensive programs, STD researchers at IUSM currently have a total of \$7.63 million in active grants.

Other STD researchers at the IU School of Medicine funded by the NIAID grant are Dennis Fortenberry, MD, Gregory Zimet, MD, Ann Roman, PhD, Byron Batteiger, MD, Diane Stothard, PhD, Barry Katz, PhD, and Robert Jones, MD, PhD.

Herpes Research

A \$2.25 million, three-year grant from the Centers for Disease Control will enable IUSM researchers to

take aim at reducing the escalating rate of genital herpes throughout the country. The grant will be used to develop strategies to prevent genital herpes simplex infections and to build a national prevention program, the first of its kind in the United States. The University of Cincinnati will collaborate with the IUSM on the project.

Both have demonstrated research excellence in the areas of sexually transmitted diseases, virology, psychology, adolescent medicine and biostatistics, said Kenneth Fife, MD, PhD, principal investigator of the grant.

IUSM researchers will focus on issues related to testing for exposure to HSV-2 in adults. Their counterparts at the University of Cincinnati will conduct similar studies in adolescents and college students. IU investigators also will study patients who have recently acquired genital herpes to determine how they were infected.

Dr. Fife says the collaborative research will significantly expand the knowledge base about genital herpes and ultimately lead to the development of a national prevention and control program. There is no cure for herpes, but antiviral medications can shorten and prevent outbreaks for whatever period of time the person takes the medication.

AIDS Clinical Trials Unit

The Indiana AIDS Clinical Trials Unit has received \$10.06 million in renewed funding from the NIAID. This is the fourth renewal of the unit's grant since its inception in October 1987.

The Indiana AIDS Clinical Trials Unit at IUSM is part of the Adult AIDS Clinical Trials Group, the largest clinical trials network in the world. The renewal of the group's funding allows clinical trials units nationwide to continue their work on the prevention and the treatment of the deadly HIV virus. Individual units conduct clinical studies of antiviral drugs, develop methods to reconstitute HIV-damaged immune systems, and seek innovative treatments or preventions for opportunistic diseases and other HIV-related complications.

L. Joseph Wheat, MD, director of the Indiana AIDS Clinical Trials Unit, heads a team of six physician researchers, six nurse practitioners, two registered nurses and a social worker who utilize the latest diagnostic and therapeutic techniques to treat patients at IU Hospital, Wishard Memorial Hospital, Richard L. Roudebush VA Medical Center and Methodist Hospital.

Patient care and disease management are a primary focus of the unit. Patients are enrolled as part of nationwide clinical trials and have access to the latest in investigational therapies. Data from the patients are examined as part of the national AIDS Clinical Trials Group, resulting in better care and treatment of patients afflicted with HIV.

The Indiana unit ranked among the top third of all units in the competitive renewal process and was

awarded nearly a 50 percent increase in funding based upon its excellent performance during the past three years.

Briefs

New appointments

IUMG-SC officer

William Martin II, MD, has been appointed president and CEO of IU Medical Group - Specialty Care. He will assume

his new duties Feb. 1.

Dr. Martin is director of the Division of Pulmonary, Allergy, Critical Care Medicine and Occupational Medicine.

Casting call

IUSM students, with assistance from Medical Student Academic Affairs, are sponsoring the "Evening of the Arts," Friday, March 24, at the University Place Conference Center.

"Students, residents, faculty and staff are invited to showcase their talents for this special show, whose proceeds are donated to area clinics that serve the homeless," says student Lisa Tiongson, co-chair of this year's program. "It is a great opportunity to share your talent with others while also serving to help promote a worthy cause."

Performing artists must commit by Feb. 1 and should contact Lisa Tiongson at 297-3670, or e-mail her at etiongso@iupui.edu. Visual artists must sign up by Feb. 14 and can do so by contacting Matt Priddy at 925-7121, or at mjpriddy@iupui.edu.

Dr. Elders challenges system

The United States has the world's best physicians, medical professionals, hospitals and research. The only problem is that such benefits are not always available to minorities, the poor and uninsured.

That was among the many messages former U.S. Surgeon General Joycelyn Elders, MD, delivered to listeners attending her special address at IU School of Medicine's Emerson Hall, Jan. 14. This appearance and others at Clarian Health sites were part of her two-day visit to Indianapolis to participate in The Rev. Dr. Martin Luther King Jr. birthday observances.

"We've got the means to prevent disease and we can care for people when they arrive in the ER or OR, but the key is to keep people from getting there in the first place, and we do that through education," said Elders.

"We've got the best to offer in health care yet, we have a health care illiterate society," particularly among minorities.

The antidote, Dr. Elders added, is for physicians, educators and parents to work harder to educate children of all ages about the dangers of tobacco use, unprotected sexual intercourse, and the benefits of healthy diets and exercise.

"Those of us in the medical community must become advocates for 100 hundred percent access to health care for all Americans and zero percent disparity-the very things Dr. King dedicated his life to," said Elders, who served as surgeon general from 1993 to late 1994.

"We cannot afford to fail-the lives of our children and patients are at stake."

Y2K worries put to rest

Roses are red.
Violets are blue.
The millennium bug
Didn't bite IU.

January 1, 2000, has come and gone without so much as a single power outage at IUSM. The much dreaded millennium bug was squashed by the efforts of many diligent individuals.

While most of the world celebrated, a few dedicated campus employees spent New Year's Eve at IUPUI to make sure their months of work were a success. Fortunately, there were no calamities.

The power remained intact; the heat stayed on. Major computer systems continued to function. The

venture to Y2K-proof the campus was deemed a success by all concerned.

Planning and preparedness were the keys, Y2K committee members said. On a more positive note, the millennium venture served as trial run for the thorough emergency preparedness plan now in place for IUSM and the IUPUI campus.

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http://www.medicine.indiana.edu



February 7, 2000 Volume 4, Number 2 • Indianapolis, Indiana

IU docs pioneer new lung cancer therapy

IUSM treated the first patient enrolled in a novel therapy that may help selected patients with lung cancer. The patient, a 77-year-old retired Indiana State Police trooper, was the first person to undergo stereotactic body radiotherapy on Feb. 1.

IUSM is the first medical center in the nation to investigate this procedure

Stereotactic body radiotherapy is non-invasive and utilizes the most advanced techniques, including intensity modulated photon radiation, 3-D imaging and stereotactic body mapping. The procedure employs treatment concepts similar to those used in Gamma Knife radiosurgery, a non-invasive technique which has been very effective in treating brain tumors.

The Indiana Lions Gamma Knife Center at the IU Hospital of Clarian Health was purchased for \$1 million in 1997 with donations from Indiana Lions Club members, with additional support from IU Hospital and Clarian.

This trial is for patients with early stage lung cancer who are not candidates for surgery due to significant related medical problems.

Early stage lung cancer traditionally is treated with surgery, conventional radiation, or both. There is a 60 percent to 70 percent cure rate for early stage lung cancer in patients undergoing surgery and a 20 percent to 30 percent cure rate for those treated with conventional radiation, which involves five weeks to six weeks of daily radiation treatments. The stereotactic treatment plan will involve three outpatient treatments.

"Lung cancer patients frequently have numerous other health problems such as emphysema or heart disease that weaken their reserves, making them poor candidates for major lung surgery," said pulmonologist Mark D. Williams, M.D., clinical assistant professor of medicine and principal investigator of the trial. "If the results of our trial are as promising as we hope, this will provide an exciting new treatment option for these lung cancer patients."

Stereotactic simply means that a 3-D grid system is used to precisely map the location where the therapy should be directed. In this case, a tumor in the lung would be the target. After the location is determined, down to the millimeter, with the technology of sophisticated computer programs, a treatment plan is finalized. The patient then receives multiple "shots" of photon beams produced by a linear accelerator.

"Stereotactic body radiotherapy is a promising emerging technology," said Robert D. Timmerman, M. D., assistant professor of radiation oncology and co-principal investigator on this trial. "This trial is unique and exciting because it is for cancer that originates in the lung, a much more common problem affecting cancer patients. It could revolutionize the way medically inoperable, early-stage lung cancer is treated."

Briefs

New appointments

New faculty appointments include:

Lisa Harris, MD, is chief of medicine at Wishard Health Services and will become chief medical director of the IU Medical Group-Primary Care in June.

William Tierney, MD, is chief of the Division of General Internal Medicine and Geriatrics at IUSM.

John Fitzgerald, MD, is assistant dean for clinical affairs-primary care. He will also serve as president and chief executive officer of IUMG-PC.

Fulbright grant

Marilyn Bartlett, MT, MS, professor of pathology and laboratory medicine, has been awarded a Fulbright grant to improve the diagnoses of infectious etiologies with an emphasis on "emerging" parasitic infections such as Pneumocystis carinii, Microsporidia, Cyclospora spp and Cryptosporidium parvum in Kenya, Africa. These organisms cause infections in immune compromised individuals.

Bartlett will re-establish a diagnostic laboratory that she had previously set up in Eldoret, Kenya. One of her goals supported by the grant is to bring together people of both cultures to collaborate on building

and maintaining a laboratory that would focus on these problems as they affect people of Kenya.

Bell rings for Mini-Medical School's spring session

The Spring 2000 session of IUSM Mini Medical School will begin Feb. 15.

The six-week lecture series is open to the general public. It also is offered free of charge to IU medical students. Faculty and staff also are encouraged to attend.

Classes are held Tuesdays from 7 p.m. to 9 p.m. at the University Place Conference Center auditorium. To register, call 317-278-7600.

The class dates and topics are as follows:

- **Feb. 15** Franklin Smith, MD "Gene Therapy: New Frontiers for the New Millennium"
- Feb. 22 Barry Eppley, MD, DMD "Latest Advances in Plastic Surgery"
- Feb. 29 Brian Foresman, DO, "Sleep and Sleep Medicine: Was Dr. Seuss Right?"
- March 7 Shailaja Valluri, MD, "Recent Developments in Ophthalmology"
- March 14 Scott Walker, MD, "Anesthesia: Past and Present"
- March 21 Clement McDonald, MD, "Medical Informatics, Electronic Records and Patient Care"

Two IUSM projects funded with 21st Century awards

The first grants from the state's newly created 21st Century Research and Technology Fund were awarded in late January and IUSM earned \$3.8 million of the \$15 million that went to 12 groups that team Hoosier universities and researchers with private industry.

IUSM's direct awards were \$3,273,965. Awards for "sub projects" via others receiving 21st Century awards were \$614,155 for a School of Medicine total of \$3,888,120.

Direct awards went to:

- * IUSM and Harlan, Sprague Dawley Inc.-- \$1.99 million for a \$4 million project to develop a rodent resource and research center, Ting-Kai Li, MD, principal investigator,
- * IUSM -- \$1.2 million for a \$2.2 million project to establish a center for medical genomics, Howard Edenburg, PhD, principal investigator.

The Indiana General Assembly created the 21st Century Fund last year to give Hoosier researchers financial assistance while they also nurture the state's growing research and development sector. The fund is intended to leverage federal and local dollars to support research and development, commercialize new and emerging technologies and encourage new research collaboration between higher education and business.

IUSM Dean Robert Holden, MD, serves on the fund's board of directors.

Fire awareness program earns safety award

Riley Hospital for Children's Community Education Department has won a top national award for a statewide program that teaches youngsters fire safety and how to avoid becoming burn victims.

The department has been honored with the Allstate Insurance Company Safety Leadership Award. The award, which includes a \$2,500 grant, cites Riley's *Learn Not To Burn Preschool Program*, as among the top 17 safety programs in the nation.

"This program is for preschoolers who need to learn that fire is dangerous and how to avoid situations that threaten their lives," says Karen Bruner Stroup, Ph.D, education department director. "Fire-related deaths in Indiana have dropped in recent years among preschoolers, but we need to continue teaching children so that no tragedies occur."

Learn Not to Burn sites in Indiana are located in Indianapolis, Morocco, Fort Wayne, Goshen, Brownsburg, Monticello, Greencastle, Bicknell, Clarksville, New Albany and Boonville.

The Tiller 7 Safe House is administered by Riley educators and the Pike Township Fire Department; it's funded by Kroger, Aluminum Cans for Burned Children, Wal-Mart Associates and Sam's Club Partners.

IU physicians check into Halftime lineup

As this issue went to press, Kenneth Brandt, MD, and Lawrence Einhorn, MD, were scheduled to be featured in IU Basketball Halftime Show segments on WTTV-Channel 4.

Dr. Brandt talked about performing arts medicine in a Feb. 2 segment during the IU-Penn State game.

The interview with Dr. Einhorn, who discusses cancer treatment, is scheduled for airing at 8 p.m., Feb. 9.

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February 21, 2000 Volume 4, Number 3 • Indianapolis, Indiana

IU tests radioactive 'tag' for cancer

IUSM is testing a diagnostic procedure for ovarian cancer that may provide earlier and better detection of the disease commonly known as "the silent killer."

The procedure, called FolateScan, is designed to determine if a mass or tumor in the pelvis or abdomen is cancerous or benign.

Many cancerous tumors have an unusually large number of binding proteins or receptors for vitamins such as folic acid on their cell surfaces. Folic acid, a member of the vitamin B family, is critical to the process of cell division.

Researchers have developed a way to attach or "tag" a radioactive imaging agent to the folic acid causing the cancerous cells to be highlighted when scanned. Folic acid is much more likely to bind to a cancer than to normal tissues or a benign tumor.

If the scan is positive, women with ovarian cancer could be better prepared for surgery, which would include determining the extent to which the cancer has developed and, if necessary, whether special techniques to remove the cancer completely are necessary.

This is a Phase I/II trial. If successful, the detection procedure should be available for general use within two or three years.

Principal investigator Gregory Sutton, MD, says the procedure holds great promise for detection and treatment of a disease that affects 23,100 women in this country each year. There are 14,000 deaths in the U.S. each year from ovarian cancer.

"FolateScan may lead to new methods for treating ovarian cancer," said Dr. Sutton. "If scanning proves successful, it may be possible to link radioactive or chemotherapeutic agents to folic acid in order to deliver these effective treatments directly to tumor cells.

"Folate scans also may show physicians if and where ovarian cancer has spread within the abdominal cavity, whether treatment is effective in eradicating cancers, and if and when ovarian cancer recurs. The scan may also be applicable to other cancers of the abdomen and pelvis."

This technology could be very important because there are few, if any, symptoms until the cancer has spread.

FolateScan was developed at Endocyte, a biotechnology company located at the Purdue Research Park. Endocyte licensed the patents for the technology for tagging the folic acid with a radioactive imaging agent from Purdue University. This trial, which is also in progress at Washington University in St. Louis and M.D. Anderson Hospital and Tumor Institute in Houston, Texas, is funded in part by the National Cancer Institute and is the first time folic acid has been used to detect

Briefs

JSB speaker

Lucy Jane King, MD, will present "Indiana Hospital for the Insane: Doctors and Patients 1880" at the Monday, Feb. 21, session of the John Shaw Billings History of Medicine Society meeting. The presentation begins at 4 p.m. in room 301 of the Ruth Lilly Medical Library.

Dr. King is a professor emerita in the IU Department of Psychiatry.

Editorial shift

Robert Rogers, MD, has hung up his stethoscope and his quill. In December, Dr. Rogers retired as a professor emeritus in the Department of Obstetrics and Gynecology. He also became the former editor of one of the longest running departmental newsletters on campus, *The Monthly*, with the January-February issue.

For 21 years, *The Monthly* has kept faculty and the campus informed on the highlights of the ob/gyn department. Dr. Rogers was the founding editor.

Kudos also go to Connie Myers, the associate editor of The Monthly since its inception, who is still hard

at work editing copy and laying out the publication.

Directing the efforts into the 21st century will be the second editor of the well-received newsletter, Jeffrey Rothenberg, MD.

U.S. deputy assistant health secretary is inaugural speaker at women's health CoE lecture

Federal initiatives to protect and improve health care services for women were highlighted Feb. 17, by Wanda Jones, DrPH, deputy assistant secretary with the U.S. Department of Health and Human Services.

Dr. Jones was the inaugural speaker at the Anthem Blue Cross and Blue Shield Annual Lecture in Women's Health presented by the IUSM National Center of Excellence in Women's Health.

Dr. Jones made her presentation "Health for All Women in the 21st Century" at the Indiana Historical Society in Indianapolis and at the Summit Club in Fort Wayne.

In addition to addressing demographic trends in diversity and aging, Dr. Jones discussed the creation of a new model of excellence in women's health care and the role played by the IUSM National Center of Excellence in Women's Health. As director of the HHS Office of Women's Health, Dr. Jones oversees the 17 centers of excellence in women's health in the United States.

Combined Seminar Series speakers for March announced

The March agenda for the Combined Seminar Series, conducted on Wednesdays from 4 p.m. to 5 p.m. in the Cancer Research Institute auditorium includes:

March 1 -- Thomas Gardner, MD, assistant professor of urology, microbiology and immunology, IUSM, "Adenoviral Gene Therapy for Treatment of Prostate Cancer."

March 8 -- Robert Bigsby, PhD, director, IUSM research laboratory obstetrics and gynecology, "Estrogens: The Good, the Bad, and the Ugly."

March 15 -- Dr. Kenneth Anderson, associate professor, Harvard Medical School Dana Farber Cancer Center, "Novel Biologically Based Therapies for Myeloma."

March 22 -- Mark Majesky, PhD, associate professor, Department of Pathology Center for Cardiovascular Development, Baylor College of Medicine, "Molecular Pathways Controlling Coronary Smooth Muscle Differentiation form Proepicardial Cells."

March 29 -- Dr. Michael Clarke, professor of medicine, University of Michigan, "Molecular Analysis of Hematopoietic Stem Cells."

Founders Day honorees from medicine, nursing

Two IUSM faculty members and one from the School of Nursing will be among those honored Sunday, March 5, at the annual Founders Day ceremony when Indiana University honors outstanding faculty members and students. This year's event will begin at 2 p.m. at Assembly Hall on the Bloomington campus.

Distinguished Professor of Medicine Lawrence Einhorn, MD, will receive the Frederic Bachman Lieber Memorial Award. This is the oldest of IU's teaching honors. Dr. Einhorn has been an IU faculty member since 1973 and is being recognized for his dedication and commitment to the education of medical students and residents.

Hugh C. Hendrie, MBChB, the Albert Eugene Sterne Professor of Psychiatry and chairman of the Department of Psychiatry, will receive the John W. Ryan Award for Distinguished Contributions to International Programs and Studies.

Dr. Hendrie is being recognized for unique and exceptional contributions to international epidemiological research in his numerous collaborations with scientists and clinicians in Africa, Canada, China, England, and the United States. His collaborations have added greatly to the body of research into the risk factors for Alzheimer's disease and other aging-related brain diseases.

Pamela Jeffries, DNS, assistant professor of nursing, IU School of Nursing, will be the recipient of a 1999 President's Award. Lauded as a highly effective teacher and a leader in the scholarship of teaching, she is earning an international reputation for the development, testing, and implementation of creative approaches to enhance the learning of students in academic settings and of registered nurses in service settings.

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March 6, 2000 Volume 4, Number 4• Indianapolis, Indiana

Researchers seek gene behind Parkinson's disease

Genetics researchers at IUSM and their colleagues at other medical centers in North America are embarking on a project that could be compared to finding the proverbial needle in a haystack.

In one of the largest studies of its kind, researchers are seeking siblings diagnosed with Parkinson's disease to identify the genetic markers that may indicate a predisposition for developing this movement disorder.

IUSM is the principal institution of the 49 centers in the United States, Puerto Rico and Canada participating in the five-year study known as PROGENI (Parkinson's Research: The Organized Genetic Initiative).

Michael Conneally, PhD, is the principal investigator for the \$6 million study funded by the National Institute of Neurological Diseases and Stroke.

"This is an enormous undertaking; we are seeking 600 pairs of siblings who have Parkinson's disease," said Dr. Conneally. "Our goal is to understand the genetics of Parkinson's by isolating the genetic markers that contribute to a predisposition to the disease."

Information from the U.S. Human Genome Project will be used to help isolate the genetic markers for Parkinson's disease. Researchers believe greater understanding of the genes contributing to Parkinson's disease likely will lead to more effective treatments.

To be eligible for the study, two or more brothers and sisters with Parkinson's disease must both be available for clinical evaluation. Siblings do not need to live in the same city. Participants will be asked to complete a screening questionnaire, undergo a neurological examination and permit the drawing of blood to obtain DNA. The physical and neurological evaluation, as well as the blood draw, are administered at no cost to the participant and all information is strictly confidential.

Others from IUSM involved in the study include Tatiana Foroud, Ph.D., and Cheryl Halter, MS, from

the Department of Medical and Molecular Genetics and Joanne Wojcieszek, MD, and research coordinator Jo Ann Belden, LPN, from the Department of Neurology.

To enroll in the project or to request additional information, please contact Cheryl Halter at IUSM, toll free at 1-888-830-6299 or visit the PROGENI Web site at http://fisher.medgen.iupui.edu/research/ parkinson/.

Briefs

Open house

Faculty and staff in the Department of Radiation Oncology will showcase their recently remodeled treatment facilities during a reception and open house from 4 p.m. to 6 p.m. Wednesday, March 22.

Tours will be offered of the department which is located in the basement of the Indiana Cancer Pavilion.

Ethics conference

The fifth annual statewide ethics conference organized by the Indiana Healthcare Ethics Network is scheduled for Friday, March 10, at Beef & Boards Dinner Theatre. Registration begins at 7:45 a.m. and the program will adjourn at 4 p.m.

This year's conference is entitled "Informed Consent. What It Is. What It Isn't. Refuting the Myths."

The keynote address "Legal and Ethical Myths About Informed Consent" will be presented by Alan Meisel, JD, professor of bioethics, law and psychiatry at the University of Pittsburgh School of Law.

Meisel also will moderate a panel discussion entitled "How Do We Practice What We Teach?"

For additional registration information, call 317-355-4885.

Honors

Deborah Allen, MD, was been elected treasurer of the American Board of Family Practice at the organization's recent meeting.

Jose Biller, MD, has been awarded an honorary membership in the Colombian Neurological Association. The honor was bestowed during the X Pan American Congress of Neurology.

Mervyn Cohen, MD, has been named a fellow of the American College of Radiology. Selected for outstanding contributions to the field of radiology, Dr. Cohen was named as one of 103 new fellows by the college's Board of Chancellors.

Thomas Gardner, MD, was recognized in December at the eighth International Conference on Gene Therapy of Cancer with a best abstract award. His study was entitled "Restricted Adenoviral Replication as a Potential Treatment of Prostate Cancer Metastasis."

William Hurd, MD, began his appointment as an editorial advisory board member for the Journal of the American Association of Gynecologic Laparoscopists on Jan. 1. His term will expire Dec. 31, 2002.

Julie McGowan, PhD, has become a distinguished member of the Medical Library Association's Academy of Health Information Professionals.

Jean Molleston, MD, recently returned to Washington University School of Medicine to accept three major faculty teaching awards from medical students. She was awarded the Clinical Teacher of the Year Award from the class of 2000, the Stanley Lang Lecturer of the Year Award from the class of 2002 and the Lecturer of the Year Award from the class of 2001. Dr. Molleston joined the IUSM faculty this past July.

Richard Rink, MD, has been elected secretary/treasurer of the urology section of the American Academy of Pediatrics. He will serve in the office for a three-year term.

Hoosier high school students to work side-by-side with genetics researchers

A group of Indiana high school students will get hands-on experience in understanding research in human genetics and using what they find to develop tomorrow's treatments for disease.

Forty-eight science students, selected from more than 350 applicants nominated by their teachers, will participate in the first Molecular Medicine in Action Day program, March 12-13, at the Indiana University Cancer Research Institute. It is hosted by the Herman B Wells Center for Pediatric Research.

The students will work side-by-side in laboratory stations with IUSM researchers and physicians in one of the most modern cancer research centers in the country.

Under the supervision of scientists, small groups of students will rotate through workstations and laboratory sites. They will see and learn how DNA-the building blocks of life-is isolated and analyzed for mutations that are associated with diseases, and discover how virus vectors could be used in gene therapies.

IUSM, Clarian Health, IUPUI, Indiana Department of Education, Indiana Association of Biology Teachers and Hoosier Association of Science Teachers are helping with the program with financial support from Riley Memorial Association.

Health care reformer part of AOA induction events

Managed care has changed the landscape in the way health care is delivered to Americans. In the wake of those changes, one authors says the medical education system may need to be reformed.

That's the topic Kenneth Ludmerer, MD, professor of medicine and associate professor of history at Washington University in St. Louis will focus on in a special lecture at Emerson Hall auditorium, 2:30 p. m., Tuesday, March 21. His appearance, coordinated through the IU Department of Radiology, is part of events planned for the annual induction of new members into the Indiana Chapter of the Alpha Omega Alpha, an honorary medical society.

Dr. Ludmerer's most recent best-seller, "Time to Heal," claims the current medical education system currently is "handicapped by managed care and narrow, self-centered professional interests."

"His views on the history and changing nature of medical care and education certainly are timely and thought-provoking," says Mervyn Cohen, MD, adding that the lecture is open to the entire IUPUI campus.

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March 20, 2000 Volume 4, Number 5 • Indianapolis, Indiana

Cochlear implants aid speech development

The younger a profoundly deaf child is when he receives a cochlear implant, the more apt he is to have his speech development and perception match his chronological age, according to a study published by IUSM researchers in the March 1 issue of *Psychological Science*.

The study, conducted by Mario Svirsky, PhD, and his colleagues, explores whether cochlear implants enhance English language development in prelingually deaf children. A cochlear implant is a device that electrically stimulates the auditory nerve to produce hearing perceptions in some profoundly deaf and hearing-impaired individuals.

Critics of the procedure claim that no study has documented a single case of a child who has developed a linguistic system based on input from an implant. This study, the researchers say, provides evidence that cochlear implants do enhance language development.

The "language gap" between hearing children and hearing-impaired children can be drastically narrowed if the child receives a cochlear implant at an early age, says Dr. Svirsky.

"Children who are born deaf or who become profoundly deaf before the age of three typically experience significant delays in their acquisition of English language skills," says Dr. Svirsky, the lead author. "The gap between a hearing impaired child's chronological age and his language age typically continues to increase as the child grows older. However, we have found that when a child receives a cochlear implant, the child begins to develop language skills at about the same rate as a child with normal hearing. In other words, the gap stops growing. Some children with cochlear implants develop language at a faster rate and actually start to approach the linguistic levels of their age peers who have normal hearing."

The researchers followed 70 children who had received cochlear implants. The children were tested four months before receiving the implant and again at six, 12, 18, 24 and 30 months after implantation.

All the children showed a gap between their language age (skill level) and their chronological age, but

the gap was greater for older children. Prior studies have shown that the gap for deaf children continues to widen as they age. Language perception and verbal skills in children with cochlear implants involved in this study showed marked increases in their abilities, and the gap between hearing children and children with implants continued to narrow as time passed after implantation.

"The rate of language development in the profoundly deaf children after implantation was quite close to that of children with normal hearing, and it exceeded the development rate expected from unimplanted profoundly deaf children," Dr. Svirsky said. "Some children in the experimental group showed above-average rates of language acquisition and achieved scores that were comparable to those of their hearing peers after only 2.5 years of using their cochlear implant."

Assisting Dr. Svirsky with the study from the IU Department of Otolaryngology-Head & Neck Surgery were Amy M. Robbins, M.S.; Karen Iler Kirk, PhD, assistant professor and Psi Iota Xi Scholar; and Richard T. Miyamoto, MD, Arilla De Vault Professor and department chairman; and David B. Pisoni, PhD, Chancellor's Professor at the IU Department of Psychology at Bloomington.

National Institutes of Health grants supported the study.

Briefs

Match Day

As this issue went to press, graduating IUSM students were eagerly awaiting news of their assignments to residencies on National Match Day, March 16.

IUSM May graduates will be among the estimated 16,000 medical students nationwide participating in the annual Match. Also, IUSM residents are counted with the 19,000 residents seeking placement for positions at U.S. teaching hospitals. The annual selection is administered through the National Resident Matching program. More details about Match Day 2000 will be published in a future issue of Scope.

Student artists

IUSM students are poised to temporarily trade their stethoscopes for the spotlights. The annual "Evening of the Arts" is scheduled 7:30 p.m., Friday, March 24, at the University Place Conference Center auditorium.

The program features the artistic talents of students, residents, faculty and staff, showcasing their vocal, instrumental and dance talents. Additionally, photographs and other visual arts created by participants will be on display.

Tickets for "Evening of the Arts" are \$7 each and may be purchased at the door. Proceeds for the event are used to buy supplies and equipment for area medical clinics serving the homeless in Indianapolis.

IUSM-Indy Zoo collaboration produces 200 pound result

The recent news from the Indianapolis Zoo was mammoth: the first baby African elephant conceived through artificial insemination was delivered successfully. IUSM's Mark Deeg, MD, PhD, played a role in that project.

Dr. Deeg, an endocrinologist, and technician Suzie Huffed were responsible for conducting hormonal assays before insemination of the mother elephant, Kubwa, and throughout the fetus' two-year gestation period.

"Blood samples were taken (from the ear) and evaluated for progesterone levels over the course of the elephant's reproductive cycle," Dr. Deeg explained. "Changes in levels induce ovulation, which in African elephants occurs every other menstrual cycle."

Kubwa's progesterone level was monitored weekly after conception. As the gestation cycle neared the two-year mark, Dr. Deeg looked for a drop in that level, a signal that the delivery process is approaching. How do you get an African elephant pregnant? The usual way, in cases where the elephant is not in captivity. But there only have been 27 African elephants born in North America since they were first imported in the 19th century, according to Indianapolis Zoo officials. Semen is collected from bull elephants, frozen and transported, and inseminated into females on the same day. "AI (artificial insemination) is not meant to replace natural breeding but rather to enhance it," the Indianapolis Zoo's website reports.

Dr. Deeg said the school's endocrinology section has worked with zoos in Atlanta, Memphis, Pittsburgh, Miami and New York City, on research and other projects related to metabolic monitoring.

For updates on the baby elephant, visit the Indianapolis Zoological Society's Web site at http://www.projectelephant.com.

Cheer Guild to receive angelic help with fund-raiser

Local artist Nancy Noel has dedicated and named one of her angel paintings *Angel of Cheer* as a fundraiser for The Cheer Guild of James Whitcomb Riley Hospital for Children and Indiana University Hospital.

The Cheer Guild at Riley Hospital marked its 75th anniversary this past year.

Prints of the cherubic youth blowing a horn can be purchased at the hospitals' gift shops. Two sizes are available: 8 inches x 6.5 inches for \$15 each and 16 includes x 13 inches for \$40.

The Cheer Guild receives 100 percent of the profits from prints sold.

Eble appointed to Nordschow Chair

John Eble, MD, has been appointed the Nordschow Chairman in Laboratory Medicine at IUSM.

He will retain his current titles of chairman and professor of pathology and laboratory medicine and professor of experimental oncology.

The Nordschow Chair was established in 1992 by Clyde Culbertson, MD, former chairman of the Department of Clinical Pathology, to honor Carleton Nordschow, MD, PhD, another former chairman of the department.

Hutchins named Beeler Professor

Gary Hutchins, PhD, has been appointed the John W. Beeler Professor of Radiology by the Board of Trustees of IU.

The professorship was established in 1999 by the family of John W. and Raymond C. Beeler to honor the memor of John Beeler, who was a radiologist for more than 30 years. The professorship recognizes Dr. Beeler's long and distinguished career in the field of radiology, the importance of the academic mission of IUSM and to aid in the advancement of radiology knowledge

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http://www.medicine.indiana.edu



April 3, 2000 Volume 4, Number 6• Indianapolis, Indiana

Match Day produceds smiles for IUSM grads

The wait is over for 261 graduating IUSM students who have accepted their first jobs working as residents at hospitals throughout Indiana and around the country.

IU School of Medicine students ranked well in the National Match Day program, which coordinates thousands of medical students' and U.S. hospital programs' preferences. During their senior year, students apply and interview for residency positions across the country; their selection is administered through the National Resident Matching Program of Association of American Medical Colleges.

The program, held each year the third week of March, is the primary route by which most students enter their residency training under the tutelage of well-seasoned physicians.

"More than two-thirds of the IU School of Medicine Class of 2000 did received their first choice of programs," notes Dennis Deal, director of Academic Records-Medical Student Academic Affairs. "As is always the case, a few students did not initially match, but within hours after learning this, all of those students did in fact accept residency positions they were offered."

Among the IU School of Medicine Match Day 2000 highlights:

- · 47 percent of the IUSM students will pursue their first year of residency within Indiana.
- · 82 IUSM students will be residents at IU Hospital, Riley Hospital for Children and other Clarian Health facilities.
- · 49.4 percent of IUSM graduates will enter primary-care residency programs, which include internal medicine, family medicine, pediatrics and combined internal medicine-pediatrics and obstetrics/gynecology.
- · 66.7 percent of IUSM applicants were matched to their first choice, 14.9 percent matched to their second, and 5.9 percent received their third choice.
- · Students in the IUSM Class of 2000 accepted positions in 31 states.

Nationally, the NRMP reports that 93.9 percent, or 13,485, received a first-year residency training

position, according to the NRMP. Of all the matches to first- and second-year programs, 86 percent were one of the students' first three choices of U.S. medical schools, up more than 1 percent compared to 1999.

Additional information about Match Day 2000 and the National Resident Matching Program can be found at the Association of American Medical Colleges' website: http://www.nrmp.org.

Briefs

JSB lecture

"Hermaphrodites and the Medical Invention of Sex" is the topic of Alice Dreger, PhD, at the Thursday, April 20, John Shaw Billings History of Medicine Society lecture.

The presentation will begin at 4 p.m. at the Indiana Medical History Museum, 3045 W. Vermont

Guest lectures

Piers Emson, PhD, an internationally recognized neuroscientist, will speak as the Burroughs Wellcome Visiting Professor at IUSM.

His presentation "Towards an Understanding of Parkinson's Disease: Novel Models of Disease," at 4 p. m. Wednesday, April 12, is open to the campus in room B26 in the Van Nuys Medical Science Building.

He also will present "Calbindin D28K, An Endogenous Calcium Buffer and Neuroprotectant?" at noon, Friday, April 14, in Hurty Hall C, Fesler Hall.

Dr. Emson is director of the Laboratory of Molecular Neuroscience at Babraham Institute, Cambridge, England.

AOA inducts faculty, medical students into society

Several IUSM faculty, alumni, staff and medical students recently were inducted into the Indiana Chapter of Alpha Omega Alpha, the nation's only medical honorary society.

Honorary members are Lynda Means, MD, (alumni); Jose Biller, MD, and Suzanne Bowyer, MD, (faculty); Alan Preston Ladd, MD, Karen J. Lurito, MD, and Elizabeth Skach, MD, (house staff).

Student members inducted include Class of 2000 members: Matthew Barb, Benjamin Bauer, John Bowman, Catherine Chung, Stephen Dersch, Darin Dill, Lori Eichelberger, Leslie Fecher, Warren Fields, Brandon Fites, Jennifer Fowler, Brian Frantom, Rachel Dorrell Greenfield;

Steven Hanish, Jeffery Heaton, Craig Herman, Matthew Hilburn, Holly Isenhower, Kristine Madsen, Andrew McDonald, Bradley Orris, Aahish Ashwin Patel, Blase Polite, Jennifer Roach, Michael Rosen, Shelene Shubert Ruggio, Thomas Short, Kathleen Rene Tozer, Jennifer Walthall, Matthew Wanner, Brett Weinzapfel, Michael Wilson, Gary Wright.

Class of 2001 members include: Thomas Alstadt, Delise Aull, Michael Hull, Lei Jiang, Jeffrey Jones, Thomas Large, Clement J. McDonald III, Philippe Montgrain, Philip S.Y. Smucker, Jeffrey Walker and Nathan Wanner.

Performances wow EOTA crowd

It was "standing room only" at the ninth annual Evening of the Arts performance March 24 at the University Place Conference Center auditorium.

This year's performing and visual arts showcase featured the artistic talents of students, residents, faculty and staff. It is anticipated that this year's proceeds will top last year's gross record of \$6,800 for the EOTA Fund, which provides funding to five homeless clinics staffed by medical students.

Masters of ceremonies were Joel Priddy and Chris Prater. Chairing the event were Lisa Tiongson, Matt Priddy, Joel Priddy, Krista Inskeep, Teresa Lo, Andrew Anderson and Dave Soleymani.

Campus tours offered monthly

Tours of IUSM, IU Hospital and Riley Hospital are available the first Friday of each month. College-level prospective students are introduced to the facilities by the Admissions Ambassadors, who are IUSM students.

Tours general are 30 minutes to 45 minutes in length. To make arrangements for the tours, contact the admissions office at 274-3772.

Psychiatry grand rounds have new location, features

The Department of Psychiatry has permanently changed the location of its grand rounds.

As of Feb. 1, all grand rounds will be held at Fesler Hall, Hurty Hall C. Beginning March 3, the grand rounds also will be broadcast to the Larue Carter Hospital auditorium.

Videoconferencing technology will allow the audience at Larue Carter to see the presentation and ask questions

Alzheimer's disease symposium honors Chairman Hendrie

In recognition of the retirement of Hugh Hendrie, MB, ChB, as chairman of the Department of Psychiatry, a special symposium has been planned from 1 p.m. to 4:30 p.m. Friday, April 7, at the University Place Conference Center.

The symposium is entitled "Alzheimer's Research Today and Into the New Millennium."

Speakers will include Denis Evans, MD, director of the Rush Alzheimer's Disease Core Center at Rush-Presbyterian-St Luke's Medical Center; Carol Brayne, MD, Institute of Public Health, University of Cambridge; Sola Ogunniyi, MD, prinicipal investigator in Ibadan for the Indianapolis/Ibadan Dementia Project; Kathleen Hall, PhD, project director for the Indianapolis/Ibadan Dementia Project; and Dr. Hendrie, who also serves as the prinicipal investigator in Indianapolis of the Indianapolis/Ibadan Dementia Project.

Continuing Medical Education units are available.

For additional information, E-mail maquarle@iupui.edu.

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http://www.medicine.indiana.edu



April 17, 2000 Volume 4, Number 7• Indianapolis, Indiana

Hormonal response to alcohol can be inherited, IU study says

How a hormone called beta endorphin (B-E) responds to alcohol may help identify people whose genetic makeup puts them at increased risk of developing alcoholism. An IUSM study published in the March issue of Alcoholism: Clinical & Experimental Research is the first to find that a hormonal response to alcohol can be inherited.

"Alcoholism, rather than a weakness of will, is a disease that has biological components," says the study's principal investigator, Janice Froehlich, PhD.

"While alcoholism tends to run in families, not all children of alcoholics become alcoholic. Our finding that the response of beta endorphin to alcohol is inherited, when taken together with other inherited responses, may help us identify individuals in alcoholic families who are at risk of alcoholism."

Individuals from alcoholic families have a greater beta endorphin response to alcohol. A bigger B-E response may produce a greater sense of euphoria so individuals inheriting a greater B-E response to alcohol may be more likely to drink.

The response of B-E to alcohol may represent a new biological marker that can be used to identify individuals at risk for the development of alcohol abuse and alcoholism.

Once high-risk individuals are identified, counseling can be made available and early intervention strategies for prevention of alcohol abuse can be implemented.

"Biomarkers for alcoholism may also tell us more about the physiology of alcoholism and give us information that can be used in the development of drugs to treat and prevent alcohol abuse and alcoholism," says Dr. Froehlich.

Dr. Froehlich and colleagues Ting-Kai. Li, MD, Joe Christian, MD, PhD, and Rick Zink, MS, studied 102 identical and 74 fraternal adult twins. The researchers examined four hormones. Of the four, only the B-E response was shown to be strongly inherited.

The study was funded by the National Institute on Alcohol Abuse and Alcoholism.

Briefs

Alumni weekend

The Spring Medical Alumni Weekend will be May 19-21.

Classes graduating in the years ending with a 5 or 0 will celebrate reunions.

UNICEF recognition

The IU-Moi Program has been recognized by the local chapter of UNICEF with a "Friend to the World's Children" award.

This is the first time the local chapter has presented the award and the presentation was made March 24 at the group's annual fundraiser. Accepting for the IU program, based at IUSM and Moi University in Eldoret, Kenya, was John Pless, MD, who is chairman of the IU/Kenya Development Committee.

Those interested in making a donation to the IU-Moi Program may do so by contacting Joyce Dobson at 317-630-8695.

IUSM resident publishes second medical textbook

Joel Topf, MD, a fourth-year resident at the IU School of Medicine, recently published his second medical education textbook.

He and co-author Sarah Faubel, MD, took four years to write The Fluid, Electrolyte and Acid-Base Companion, which is now available at university bookstores. It "provides a simplified and systematic approach to true understanding of the fundamental forces which underlie all fields of medicine," according to the book's introduction.

Their first efforts resulted in the textbook The Microbiology Companion, which was written between their second and third years in medical school and published in 1993. A second edition was published in 1994 and a revised edition of the practical study guide was released in 1997. Flash cards also are available free for medical students.

Dr. Topf says the textbook project was conceived to fill gaps he experienced in his own medical education training.

"The first book is all tables, which I had developed to help me learn microbiology. The second book takes a visual approach with simple text because that was what I found helpful in tackling the topic. The endeavor was undertaken, not to make money or fill time but because it was an interesting and stimulating project and it also was something that could help others," Dr. Topf said.

As if being prolific at writing isn't enough, the pair started their own publishing company Alert and Oriented Publishing, a take-off on medical terminology for degrees of patient alertness, and they also have a Web page to sell their products.

Will there be a third medical textbook?

"That's a good question," Dr. Topf said. But first he wants to try his hand at developing computer software for doctors. He concedes that during his next educational undertaking, he might discover gaps he thinks can be filled with a textbook written from a trainee's perspective.

To browse the current selection of textbooks published by Alert and Oriented Publishing, click on http://www.alertandonline.com.

Dr. Topf entered the IU Combined Medicine/Pediatric residency in 1996 and will complete the program in June. He will then begin a nephrology fellowship at the University of Chicago.

Drs. Topf and Faubel completed their medical degrees in 1995 at Wayne State University. Dr. Faubel completed a residency in internal medicine at the University of Colorado and now practices in Denver.

School rises in national rankings

IUSM is among the top 50 medical schools in the United States, the U.S. News & World Report says in its "2000 America's Best Graduate School" guide.

Of the 125 accredited medical schools in the nation, IUSM was in a four-way tie for 40th place, one

notch above the school's 1999 rating. The current ranking also places the School of Medicine among the top 16 public medical schools in the country, improving from last year's 17th spot.

Sharing the 40th position with IUSM are Ohio State University, University of Cincinnati and the University of Southern California. Harvard University was ranked first in the nation.

The rankings and related stories are available on the publication's Web site at http://www.usnews.com.

DNA repair, immune responses topics of April Combined Seminar Series

Speakers for the final two April sessions of the Combined Seminar Series, conducted from 4 p.m. to 5 p. m. Wednesdays in the IU Cancer Research Institute auditorium, include:

April 19 -- Sherrill Slichter, MD, Culbertson Lecturer 2000 Director, Research and Education, University of Washington School of Medicine Puget Sound Blood Center, Seattle, "Immunologic Responses to Transfused Platelets: Can We Prevent Them?"

April 26 -- George Iliakis, MD, professor and division director, Department of Radiation Oncology, Kimmel Cancer Center, Jefferson Medical College, Philadelphia, "Repair of DNA Double Strand Breaks in Eukaryotic Cells"

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http://www.medicine.indiana.edu



May 1, 2000 Volume 4, Number 8• Indianapolis, Indiana

RMRS has patients by the thousands

A milestone was reached early one recent March morning in a physician's workroom on the sixth floor at Wishard Memorial Hospital. IUSM pediatrics intern Dianna Fox, MD, entered the 2 millionth request into the computerized patient order entry system of the Regenstrief Medical Record System (RMRS). Dr. Fox ordered an EKG test to check the electrical activity of a newborn's heart.

What sets Dr. Fox's order apart from other orders entered into the more than 250 Medical Gopher PC inpatient workstations at Wishard is that these orders were entered into an interactive medical records system designed by and for physicians.

Using computer terminals at the point of care, physicians and other health care providers directly enter orders, problems or other information vital to patient care into the computer, eliminating potential errors or miscommunication. The system provides time-saving aids using choice lists and "fill-in-the-blanks" templates to expedite the order writing process. Computer generated reminders and feedback also assist the ordering physician.

From Dr. Fox's perspective, the Gopher system is useful because it makes complicated information clear.

"With Gopher, there is no question who wrote an order or at what time it was written. And there is no difficulty reading handwriting because everything is on the computer screen for you to see. And if you have any questions or problems, the RMRS help desk and operations people are always available to provide support," Dr. Fox said.

In addition to order entry, the Gopher has grown in less than 10 years to include many other features. One of the most popular is the pocket-rounds reports with patient data in a compact format for easy physician reference. Other features include nursing reports, nursing admission assessment questionnaires, a patient tracking system, patient education handouts, phone number lookups, e-mail services, drug interaction information, medical journal text searches, a "suggestion box" and even the latest weather forecasts and satellite photos.

As more and more information and services are programmed into the Gopher, its use has escalated dramatically. One million orders were written in its first 7 1/2 years of operation, a second million orders have been entered in less than 3 years.

In development and daily use for over a quarter of a century, the RMRS is an innovative electronic medical record system that helps physicians manage the enormous amount of information needed to care for their patients. The RMRS was developed at the Regenstrief Institute for Health Care under the direction of its current director, Clement McDonald, MD.

RMRS is one of the largest coded, continuously operated medical record systems in the country. More information on the RMRS can be found at http://www.regenstrief.org.

Briefs

Tee Time

The fourth annual Scholar-Chip Golf Classic, sponsored by the Alumni Association, will be Wednesday, June 7, at Hanging Tree Golf Club with a shotgun start at 1 p.m.

The tournament pairs foursomes of alumni and students against teams from the schools of law, dentistry and medicine.

The cost is \$150 for each physician or staff member. That also covers the cost for the student. Net proceeds go to support student scholarships at each of the three schools.

For information call Stefan Davis at 274-2317, or e-mail him at ssdavis@iupui.edu

Anxiety screenings

Free screenings for anxiety disorders will be offered Wednesday, May 3, from 9 a.m. to 6 p.m. in the Adult Outpatient Psychiatry Clinic, Suite 3124, IU Hospital Outpatient Center.

Screenings will consist of a written self-test for anxiety and a brief screening interview with a mental health professional. Educational information will be distributed. The entire screening takes about 30

minutes.

Appointments are not necessary, but individuals with questions may call 274-7422.

Honors

Craig Brater, MD, was elected president of the United States Pharmacopeia during the 2000 Quinquennial Meeting April 12-16. USP was established in 1820 to ensure quality, strength and purity in medicines and dietary supplements for consumers.

Evan Farmer, MD, has been elected to the American Academy of Dermatology Board of Directors. His four-year term began at the conclusion of the AAD's annual meeting in March.

Antoinette Hood, MD, was the recipient of a Presidential Citation for her leadership and vision in educating the public on the importance of having high quality evaluation of biopsy specimens during the March annual meeting of the American Academy of Dermatology.

Kurt Kroenke, MD, has been elected president of the Society of General Internal Medicine.

Rajiv Sood, MD, was awrded the 1998 Ivy Society Award at the 1999 Meeting of the American Society of Plastic and Reconstructive Surgery recognizing excellence in the preparation of his paper "The Effects of Reduction Mamoplasty on Pulmonary Function." Co-authoring the paper were John Coleman III, MD, Bradley Thurston, MD, Delora Mount, MD, Praveen Mathur, MD, and Sharon Sauter, RN.

May speakers for Combined Seminar Series

Speakers for the May sessions of the Combined Seminar Series, conducted from 4 p.m. to 5 p.m. Wednesdays in the IU Cancer Research Institute auditorium, include:

May 3 -- Arthur Brothman, PhD, professor of pediatrics, director of cytogenetics, University of Utah School of Medicine, Salt Lake City, "Cytogenetics of Prostate Cancer: What You See Isn't Always What You Get."

May 10 -- Amato Giaccia, PhD, associate professor, Department of Radiation Oncology, Division of Radiation Biology, Stanford University School of Medicine, Stanford, Calif., "Regulation of the p53 and PTEN Tumor Suppressor Genes by Hypoxia."

May 17 -- Claire Walczak, PhD, assistant professor or biochemistry and molecular biology, Medical Sciences Programs, IU-Bloomington, "Molecular Control of Microtubule Dynamics: A Comparison Between XKCM1 and the Anti-Cancer Drug Taxol."

May 24 -- Robert Eisenman, PhD, Division of Basic Sciences, Fred Hutchinson Cancer Research Center, Seattle, "A Transcription Factor Network Regulating Cell Proliferation and Differentiation."

May 31 -- Lorraine Albritton, PhD, associate professor of microbiology, University of Tennessee, "A Point Mutation in the Binding Subunit of the Retroviral Envelope Arrests Virus Entry at Hemifusion Intermediate."

TERA Awards presented to 61 IUSM faculty

The 1999 Teaching Excellence Recognition Awards have been presented by the Trustees of Indiana University. First presented in 1997, TERA Awards are designed to emphasize the university's commitment to reward sustained dedication to outstanding teaching. Award winners for 2000 at IUSM, based on recommendations by chairmen and center directors, include:

Mary Pell Abernathy, MD, Stanley Alexander, MD, Jonathan Anagnostou, MD, Susan Ball, MD, David Bell, PhD, Paul Blusys, MD, Stephen Bogdewic, PhD, John Bradley, MD, Mark Braun, MD, David Canal, MD,

Richard Childress, MD, Mary Ciccarelli, MD, Timothy Cordes, MD, Thomas Davis, MD, PhD, Rodney Deaton, JS, MD, JD, Mark Deeg, MD, Stephen Dlouhy, PhD, Taihung Duong, PhD, Stephen Echtenkamp, PhD, John Emhardt, MD, Scott Engum, MD,

Margaret Gaffney, MD, Richard Gunderman, MD, PhD, Kenneth Gwirtz, MD, Maureen Harrington, PhD, Adhy Helmy, MD, Debra Helper, MD, Joseph Hingtgen, PhD, Thomas Hurley, PhD, Jean Hureau, MD, Mary Jacobs, MD, Henry Jones, MD, Cheryl Keech, MD, John Kincaid, MD,

Jeffrey Lane, MD, Sue London MLS, Palmer MacKie, MD, Faye Magneson, MD, Peter Marcus, MD, Philip Merk, MD, Frank Messina, MD, Lyree Mikhail, MD, Philip Morton, MD, Brenda O'Hara, MD, Thota Rao, MD, Terry Reed, PhD, Raoul Rosenthal, PhD, Kenneth Ryder, MD, PhD,

Robert Schloemer, PhD, Mark Seifert, PhD, Darryl Smith, MD, Robert Tarver, MD, Patricia Treadwell,

MD, Michael Vasko, PhD, Mark Walsh, MD, Kathleen Warfel, MD, Edward Weisberger, MD, Joanne Wojcieszek, MD, Donald Wong, PhD, Mona Wooten, MD, and Chi-Wah Yung, MD.

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May 15, 2000 Volume 4, Number 9• Indianapolis, Indiana

IUSM faculty member in national spotlight

Charles M. Clark Jr., M.D., professor of medicine at the Indiana University School of Medicine, in his role as steering committee chairman of the National Diabetes Education Program, accepted the 2000 Secretary's Award for Distinguished Service in Washington, D.C., May 9.

The National Diabetes Education Program was recognized for its successful media campaign to reach minority populations at risk for diabetes.

The annual Department of Health and Human Services Honor Awards Ceremony was hosted by Secretary Donna Shalala.

The 1998 campaign included a general awareness campaign, Many Faces of Diabetes; a Hispanic/Latino campaign, Rayos y Truenos (Thunder and Lightning); a campaign aimed at African Americans, Give It Up; and others directed at Asian American/Pacific Islander population, Native American Indian population and Caucasians which aired in 1999.

The general awareness campaign targeted the 16 million Americans with diabetes to encourage effective management of the disease. It aired 41,389 times as a public service announcement on 274 television stations in 196 cities in 48 states and on 243 cable stations in 220 cities in 44 states.

Rayos y Truenos was presented on TV, radio and print public service announcements countering the fatalistic belief that diabetes complications are inevitable. In the first 11 months, it reached 6.6 million people through TV, 8 million through radio advertisement and more than 6 million through print advertising.

Give It Up was a radio public service announcement that aired 36,090 times on 597 stations in 295 cities in 49 states. It encouraged families to support members with diabetes in their efforts to eat fewer high fat foods.

NDEP is cosponsored by the Centers for Disease Control and Prevention and the National Institutes of

Health.

Diabetes is the seventh leading cause of death and one of the leading causes of disability in the United States. It contributes to more than 193,000 deaths each year and affects certain racial and ethnic populations disproportionately.

Dr. Clark, who also is a professor of pharmacology and toxicology at IU School of Medicine, is director of the Diabetes Research and Training Center at IU. Since 1976, Indiana University has been home to one of the five original DRTCs, which were established by a mandate from Congress as a recommendation of the 1976 President's Commission on Diabetes.

Dr. Clark, who spent the past year on sabbatical in Argentina, will return to IUSM in late June.

Briefs

Alumni weekend

Spring has sprung so the annual Spring Medical Alumni Weekendcan't be far behind. This year's event will be May 19-21.

All alumni, spouses and guests are invited to attend an opening reception on Friday from 5:30 p.m. until 7 p.m. in the Courtyard of University Place Hotel.

The 53rd Annual "Strawberry Shortcake" Alumni Awards Luncheon will begin at noon Saturday in the tent outside University Place Hotel.

The classes graduation in years ending with a 0 or 5, except 1985 and 1995, along with the two classes from 1942, are celebrating special reunions. Information on the individual reunions is available from the Office of Alumni Relations.

Information on "New Horizons in the Practice of Medicine," the continuing medical education course offered on Friday is available on the Alumni Relations Web site.

For more information on the weekend's events or to register, please call the Office of Alumni Relations at 317-274-8828 or visit the secure Web site at http://www.indiana.edu/~alumni/ipreunion/spmed00.

Newest doctors receive diplomas on Mother's Day

On Sunday, May 14, 263 of Indiana's newest physicians took the Hippocratic oath following graduation ceremonies at the RCA Dome and Indiana Convention Center.

Following the commencement processional for all schools at IUPUI, medical student graduates reassembled on the stadium floor for the administration of the Hippocratic Oath, diploma presentations and hooding ceremony.

The 2000 IUSM medical school graduates will get a short breather before beginning their residency programs this summer.

ISMA offers new half-tuition scholarship

The Indiana State Medical Association is funding a new scholarship program, awarding half tuition per year for the four years at IUSM.

Two students already have been selected as recipients of the new scholarship. They are Emily Jungers and Michael Hancock, both first-year medical students. Two additional students will be selected in each of the next three years until a total of eight students receive funds in any given year.

Each student awarded funds signs an agreement to practice in Indiana beginning five years after completing medical school, which allows for completion of residency training. There is no stipulation regarding specialty area. Students are monitored and selected by IUSM based on need and academic achievement.

Through its various scholarship and loan funds, the ISMA has awarded more than \$1.3 million to medical students from Indiana.

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- May 10 -- Amato Giaccia, PhD, associate professor, Department of Radiation Oncology, Division of Radiation Biology, Stanford University School of Medicine, Stanford, Calif., "Regulation of the p53 and PTEN Tumor Suppressor Genes by Hypoxia."
- May 17 -- Claire Walczak, PhD, assistant professor or biochemistry and molecular biology, Medical Sciences Programs, IU-Bloomington, "Molecular Control of Microtubule Dynamics: A Comparison Between XKCM1 and the Anti-Cancer Drug Taxol."
- May 24 -- Robert Eisenman, PhD, Division of Basic Sciences, Fred Hutchinson Cancer Research Center, Seattle, "A Transcription Factor Network Regulating Cell Proliferation and Differentiation."
- May 31 -- Lorraine Albritton, PhD, associate professor of microbiology, University of Tennessee, "A Point Mutation in the Binding Subunit of the Retroviral Envelope Arrests Virus Entry at Hemifusion Intermediate."

TERA Awards presented to 61 IUSM faculty

The 1999 Teaching Excellence Recognition Awards have been presented by the Trustees of Indiana University. First presented in 1997, TERA Awards are designed to emphasize the university's commitment to reward sustained dedication to outstanding teaching. Award winners for 2000 at IUSM, based on recommendations by chairmen and center directors, include:

Mary Pell Abernathy, MD, Stanley Alexander, MD, Jonathan Anagnostou, MD, Susan Ball, MD, David Bell, PhD, Paul Blusys, MD, Stephen Bogdewic, PhD, John Bradley, MD, Mark Braun, MD, David Canal, MD,

Richard Childress, MD, Mary Ciccarelli, MD, Timothy Cordes, MD, Thomas Davis, MD, PhD, Rodney Deaton, JS, MD, JD, Mark Deeg, MD, Stephen Dlouhy, PhD, Taihung Duong, PhD, Stephen Echtenkamp, PhD, John Emhardt, MD, Scott Engum, MD,

Margaret Gaffney, MD, Richard Gunderman, MD, PhD, Kenneth Gwirtz, MD, Maureen Harrington, PhD, Adhy Helmy, MD, Debra Helper, MD, Joseph Hingtgen, PhD, Thomas Hurley, PhD, Jean Hureau, MD, Mary Jacobs, MD, Henry Jones, MD, Cheryl Keech, MD, John Kincaid, MD,

Jeffrey Lane, MD, Sue London MLS, Palmer MacKie, MD, Faye Magneson, MD, Peter Marcus, MD,

Philip Merk, MD, Frank Messina, MD, Lyree Mikhail, MD, Philip Morton, MD, Brenda O'Hara, MD, Thota Rao, MD, Terry Reed, PhD, Raoul Rosenthal, PhD, Kenneth Ryder, MD, PhD,

Robert Schloemer, PhD, Mark Seifert, PhD, Darryl Smith, MD, Robert Tarver, MD, Patricia Treadwell, MD, Michael Vasko, PhD, Mark Walsh, MD, Kathleen Warfel, MD, Edward Weisberger, MD, Joanne Wojcieszek, MD, Donald Wong, PhD, Mona Wooten, MD, and Chi-Wah Yung, MD.

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http://www.medicine.indiana.edu



May 29, 2000 Volume 4, Number 10• Indianapolis, Indiana

New research facility to be built on Medical Center campus

By the fall of 2002, many IUSM researchers and physicians will have a new place to hang their lab coats.

The Trustees of Indiana University recently approved plans for construction of a 120,000-gross-square-foot research facility on the Indiana University-Purdue University Indianapolis campus.

The Research Institute II will house research laboratories and offices, although it has yet to be determined which departments or faculty offices will be housed in the new facility.

"The expansion of research space for the Indiana University School of Medicine provides the ability for our school to expand the frontiers of medical care by promoting bench research which can translate into an understanding of disease processes, allowing tomorrow's cure," says IUSM Dean Robert Holden, MD. "This space will house investigators doing this basic research promoting tomorrow's cures."

It is anticipated that construction will begin by late June or early July with a target date of occupancy by October 2002. The four-story building will be situated on the south side of Wishard Boulevard, west of the Wishard Parking Garage. A tunnel connecting the new research building with the Medical Research and Library Building to the south also is included in the project, estimated to cost \$26.9 million.

The entire project is funded by IU School of Medicine gift funds, including a \$10 million contribution from Clarian Health Partners.

To control costs, the architectural design plans of the IU Cancer Research Institute, dedicated in 1997, will be used for the new research facility. The two buildings, which will be nearly adjacent, will share exterior and interior design features.

Briefs

Wells director

Mary Dinauer, MD, PhD, is the new director of the Herman B Wells Center for Pediatric Research, Department of Pediatrics, at IUSM.

In her new role, she oversees all interdisciplinary scientific research into genetic causes of severe and chronic diseases affecting children and the development of treatments for disorders. She is the Nora Letzter Professor of Pediatrics and a professor of medical and molecular genetics with IUSM.

She succeeds David Williams, MD, as director.

Schoch aboard

Eric Schoch has joined the Indiana University School of Medicine as director of new media and consumer health communications.

Schoch previously was science and technology writer at *The Indianapolis Star* where he was on staff for nearly 21 years. During his tenure at the Star, Schoch also covered health, medicine and business.

Schoch is working on projects that provide medical, health and science information directly to the public. He is a staff member of the IU School of Medicine dean's office and works close with the school's Department of Public Health and Office of Public and Media Relations.

He is available to provide communications support to all IU faculty who work in areas of science, technology and health.

Faculty honored at 2000 Senior Banquet

Faculty and students were recognized at the 2000 Senior Banquet. The May 15 issue of SCOPE carried the names of the student award-winners. Faculty members recognized by graduating medical students are included in this issue.

Teaching excellence

For the past four years, Stan Alexander, MD, has walked to the podium to receive the Golden Apple Award, an honored bestowed by graduating medical students to the outstanding teacher. This year, at the 2000 Senior Banquet, the tradition was broken; Dr. Alexander instead received the Platinum Apple Award, a one-time award honoring him for excellence in teaching and opening the way for others in coming years to receive the Golden Apple Award.

Other teaching awards presented to faculty for excellence in basic science and clinical instruction include:

Basic Science

Mark Braun, MD, Thimjon Ferguson, MD, Darryl Smith, MD, Robert Harris, PhD, James Walker, PhD, Victor Jolgren, MD, James Vanden Berge, PhD, Kenneth Olson, PhD, Taihung Duong, MD.

Clinical Science

Worthe Holt, MD, Joseph Mamlin, MD, Robert Pascuzzi, MD, Haywood Brown, MD, Jim Megremis, MD, Alan Schmetzer, MD, Stan Alexander, MD, James Madura, MD, and Frederick Rescorla, MD.

Jose Espada was honored with the Students' Award.

David Spigel, MD, was the recipient of the Outstanding House Officer Award.

Dr. Bull takes stand for safety

IUSM pediatrician Marilyn J. Bull, MD, has taken a national role in the effort to crack down on firms that produce defective equipment and fail to report them to the commission.

"Today, injury is the number one cause of death for kids one and older, and as new products come onto the scene, they've brought with them new potential for injury," said Dr. Bull, appearing at a recent White House news conference with the first lady, government officials and other health-care organization representatives.

"The American Academy of Pediatrics is committed to do all we can to ensure that pediatricians take advantage of the reporting system that has been designed by CPSC for health-care professionals," added Dr. Bull, who chairs the academy's Committee on Injury and Poison Prevention.

Proposed legislation calls for raising the fine cap the CPSC can impose on a company that fails to report a serious product hazard and stiffer criminal penalties for those convicted of violating product safety laws.

3 honored at Spring Medical Alumni Weekend

Three distinguished physicians who have left their mark in the field of medicine nationwide were honored during the Indiana University Spring Medical Alumni Weekend.

Ting-Kai Li

The Glenn W. Irwin Jr., MD, Distinguished Faculty Award was presented to Ting-Kai Li, MD, distinguished professor of medicine and assistant dean for research at IUSM. He also is a member of the Institute of Medicine of the National Academy of Sciences. Dr. Li is internationally known for his research on the genetic determinants of alcohol use and alcoholism.

Robert Hattery

Robert Hattery, MD, a 1964 alumnus, received the 2000 Distinguished Medical Alumnus Award. Dr. Hattery served as chairman of the Mayo Clinic Board of Governors from 1994 to 1998, marking a pinnacle in his more than 30 years of service to Mayo Clinic. He also served on the Clarian Health board at its inception. A radiologist, Dr. Hattery's medical work has focused on applications of computed tomography for imaging organs and disease states.

Steven Beering

A sculpture was unveiled of Purdue University President Steven Beering, MD, ScD, who served as dean of IUSM from 1974 to 1983. The bust of Dr. Beering will join those of previous IU medical school deans gracing the lobby of Ruth Lilly Medical Research and Library Building.

Dr. Beering's likeness was created by Ben Wilson, M.D., an April 1944 graduate of IUSM and a Scottsdale, Ariz., sculptor and gallery owner.

Awards for outstanding career achievement presented during the annual Strawberry Shortcake Luncheon.

More than 600 IUSM alumni and friends attended the weekend event.

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http://www.medicine.indiana.edu



June 12, 2000 Volume 4, Number 11• Indianapolis, Indiana

Brater new leader of medical school

D. Craig Brater, MD, has been selected the ninth dean of IUSM, the second largest medical school in the country, pending approval later this month from the Trustees of Indiana University.

Dr. Brater's selection was announced June 8 by IU President Myles Brand. He is to assume his new duties July 1.

Dr. Brater will succeed Dean Robert Holden, MD, who is retiring June 30 after nearly five years at the helm of Indiana's only academic medical center. (See SCOPE Briefs for additional information.)

"As we look to a new era and to new challenges for the medical school, the university counts itself fortunate to have found in Craig Brater an able successor. As a longstanding member of the IU family, he appreciates the importance of partnerships, particularly the medical school's Clarian partnership with Methodist Hospital," said President Brand. "Dr. Brater is well acquainted with the opportunities and challenges the medical school will face in coming years, and I have every confidence in his vision and leadership."

As dean, Dr. Brater will oversee an annual budget of \$488.9 million for the School of Medicine, including more than \$135 million in research funding of which \$73 million is from the National Institutes of Health. He will manage the school's statewide education program located on nine campuses. This program includes working relationships with more than 2,200 physicians who serve as volunteer faculty.

"I am extraordinarily flattered and humbled to be able to serve the School of Medicine and the State of Indiana in the capacity as dean," said Dr. Brater. "Educating the state's next generation of physicians and researchers presents an enormous responsibility. This is an unprecedented time of opportunity and challenge for academic medical centers. It is vitally important to the physical health and financial well-being of Hoosiers that the School of Medicine grows as a national and international leader in health care.

Dr. Brater sees the partnerships with Indiana hospitals as important toward meeting that goal. "The

unique skills of school's faculty and Methodist physicians within Clarian Health can create a national powerhouse in clinical care. Combining our efforts with our partners at the Roudebush VA Hospital and Wishard Health System, we have the opportunity to be a national role model for how best to care for our veterans and for our underserved patients."

Dr. Brater will take an integral leadership position in the school's partnerships with Wishard Health Services, Roudebush VA Medical Center, LaRue Carter Hospital and Clarian Health, which includes Riley, IU and Methodist hospitals.

(See http://www.medicine.indiana.edu/news_releases/newdean.html for additional information on the appointment.)

Briefs

Holden honored

Mark your calendars for a retirement reception honoring Dean Robert Holden, MD, from 3:30 p.m. to 6:30 p.m., Friday, June 30. Remarks and presentations will be made at 4:30 p.m.

The event will be at the University Place Hotel and Conference Center. IUSM faculty, staff and students, along with community leaders and other medical colleagues, are invited to attend.

Dr. Holden is retiring after nearly 5 years at the helm of IUSM.

Braddom resigns

Randall Braddom, MD, has resigned as CEO and medical director of Wishard Health Services, effective May 31, to resume his duties at IUSM.

In a letter to colleagues, Dr. Braddom stated that although he has enjoyed his position at Wishard, he has "greatly missed being able to teach, do research and see patients."

Following a sabbatical, Dr. Braddom will return as a professor in the Department of Physical Medicine and Rehabilitation, a department he founded 10 years ago. He will be engaged in teaching, research and patient care in association with his colleague and PM&R Chairman Ralph Buschbacher, M.D.

IU nicotine experts named to state boards

The co-directors of the IU Nicotine Dependence Program will be helping even more Hoosiers to kick the nicotine habit.

In May, Gov. Frank O'Bannon named Stephen Jay, MD, and Arden Christen, DDS, to boards charged with guiding the expenditure of \$35 million earmarked for tobacco education, prevention and control. The funds are from the state's tobacco settlement.

Dr. Jay was appointed to the Indiana Tobacco Use Prevention and Cessation Executive Board and Dr. Christen will serve on the Indiana Tobacco Use Prevention and Cessation Advisory Board, which serves as an advisory committee to the executive board. "I consider this opportunity of serving on the Indiana Tobacco Use Prevention and Cessation Advisory Board to be one of the highlights of my 30-year career in tobacco education and control," said Christen.

Dr. Christen is a nationally recognized expert on smoking cessation, having served as technical expert to Surgeon General Koop's advisory committee for the development of the report "Health Consequences of Using Smokeless Tobacco." Christen also served as co-author and reviewer of several other Surgeon General reports.

Dr. Jay served as the founding chairman of the Indiana State Medical Association Tobacco Control Task Force and chaired an Indiana Hospital Association committee that published and distributed to state businesses "A Practical Guide to a Smoke-Free Work Place." Jay was also one of the principal investigators of the Youth Tobacco Initiative in IPS and is a past president of the American Lung Association of Indiana.

Ball Medical Education Center dedicated

The Muncie Center for Medical Education now has a new home. The Edmund F. Ball Medical Education Center -- a \$9.5 million, 62,000-square-foot building was dedicated June 1.

Construction of the center was a joint project between IUSM, Ball Memorial Hospital and Ball State University. The two-story building provides clinic space for BMH's family practice residency program

on the first floor. On the second floor are located faculty offices, a state-of-the-art computer facility, teaching laboratories, lecture rooms and administrative offices for the regional campus of IUSM.

Additional research laboratories are housed on the third floor of BMH's nearby Maria Bingham Hall.

The Muncie Center currently has 16 first-year and 16 second-year IUSM students, 10 faculty members, two office staff members and three technicians. Faculty members are involved in a variety of research, including projects in molecular immunology, molecular biology, neurophysiology, infectious diseases, tropical medicine, hematology, developmental biology and amphibian population biology.

BMH's Family Practice Residency program was initiated by Ross Egger, MD, in July 1970, under the direction of John Cullison, MD, who was director of medical education. The program was one of the first U.S. residency programs to ear accreditation. In July, a total of 142 residents will have graduated from the program.

Honors

Deborah Allen, MD, was recently elected president of the American Board of Family Practice, the second largest medical specialty board in the United States. Dr. Allen previously served as the organization's treasurer.

John Coleman III, MD, was elected May 6 vice-chairman of the American Board of Plastic Surgery, Inc. Beginning in May 2001, he will serve one year as chairman-elect and then will serve as chairman of the board from 2002 to 2003. Dr. Coleman has served as the Oral Examination Committee Chair since 1998 and has been a director of the board since 1996.

Patricia Keener, MD, was appointed assistant dean for medical service-learning beginning May 1. She will retain her current titles of clinical professor of pediatrics and adjunct professor of philanthropic studies in the School of Liberal Arts.

Kurt Kroenke, MD, has been named president-elect of the Society of General Internal Medicine, the national organization of internists engaged in research, teaching and patient care. Dr. Kroenke, who is just completing a three-year term as treasurer of the organization, will serve as president of the organization from May 2001-2002.

Clement McDonald, MD, director of the Regenstrief Institute, was recently named Regenstrief Professor of Health Services Research at IUSM. His appointment begins July 1. McDonald also is professor of public and environmental affairs at the School of Public and Environmental Affairs and a distinguished professor at the IU School of Medicine.

Ora Hirsch Pescovitz, MD, has been named president of the Society for Pediatric Research, the world's largest pediatric research organization. She assumed the presidency May 15 at the society's annual meeting in Boston.

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http://www.medicine.indiana.edu



June 26, 2000 Volume 4, Number 12• Indianapolis, Indiana

Legacy enriches IUSM and Indiana

"One of my best friends just informed me that I will soon be moving from the category of 'Who's Who' to 'Who's He?" said Dean and Walter J. Daly Professor Robert Holden, MD, at a gathering of emeritus faculty. "And frankly, I'm looking forward to the change and the opportunity to be able to choose the jobs that I want to do."

Dr. Holden has served as the eighth dean of IUSM during what he terms a "provocative time" for academic medicine as well as for the School itself. He counts among his greatest accomplishments as dean the increase in extramural funding, both from National Institutes of Health and from private and corporate donors, and the state's decision to establish the 21st Century Research and Technology Fund. He hopes to continue working to increase the fund's current level of \$50 million for 1998-2000 biennium to twice that during the next legislative session. The fund supports biomedical and technological collaboration between academic institutions and private industries in Indiana during the 1998-2000 biennium.

Holden reception

Faculty and administrators of the School of Medicine, IUPUI and IUB campuses are invited to a reception for Dr. Holden on Friday, June 30. It will be from 3:30 p.m. to 6:30 p.m. with a special program at 4:30 in the University Place Hotel ballroom. Participants in the program include Lynda Means, MD, and Valerie Jackson, MD, Katie Humphries, the recently appointed secretary of Indiana Family and Social Services Administration, and IUPUI Chancellor Gerald Bepko.

Noteworthy achievements

Accomplishments of the School under the Leadership of Robert W. Holden, MD:

- 1996 Cancer Pavilion opens
- **1997** Cancer Research Institute opens
- 1998 Van Nuys Medical Science Building Expansion opens General Assembly approves building

campaign for four IUSM campuses General Assembly approves 21st Century Fund, dedicating \$50 million for the 1998-2000 to support biomedical and technology research collaboration between academic institutions and private industry

2000 - Higher Education Commission approves financing that provides support of infrastructure needs for a research building that mirrors the Cancer Research Institute; Clarian Health contributes \$10 million

Research awards expected to reach \$140 million, increasing to \$47 million from \$92.9 million in 1995 and by 22 percent from 1998-99.

Briefs

Hospital training

This summer, the ISMA will help 47 first-year medical students gain hands-on experience in community hospitals.

The new 2000 Hospital Medical Education Program offers students the opportunity to learn about clinical medicine and community health in community hospital settings. Students matched to 20 hospitals through the program that's administered by the ISMA and the Indiana Hospital & Health Association. Most students who signed up for the program said they wanted hands-on experience in a clinical setting. "I'd like to gain experience in interacting with patients and observing the many subspecialties of medicine," said B.J. Justice, who was matched with St Francis Hospital and Health Centers. "Hopefully, I'll be able to use some of the knowledge I attained this year." Scott Steenburg, who was matched with St. Joseph Community Hospital, said hopes for exposure to as many medical specialties as possible. One aim of this program is to give prospective physicians a taste of different specialties. "We're trying to help medical students any way we can," said Sarah Snyder, ISMA's program coordinator. "This is an excellent program and I'm glad students are taking advantage of it." The students will spend eight to 12 weeks in their matched hospital.

Student choice

The IUSM Department of Neurology has been recognized by the Association of University Professors of Neurology and the American Academy of Neurology for having the largest number of medical students

choose residency training programs in neurology of any medical school in the country.

Chairman Jose Biller, MD, accepted the award on behalf of his department. The Association has requested that the IUSM faculty share with other departments of neurology across the country the specifics of the Neurology Student Clerkship at IU so that other medical schools may have similar success.

Students get hands-on training this summer in family medicine

The IUSM Department of Family Medicine, together with six other organizations, has placed a total of 26 students who have just completed their first year of medical school in summer family medicine preceptorships across Indiana and in bordering Illinois counties.

The Family Medicine Scholars Consortium was formed this year with the common goal of increasing the number of medical school graduates entering primary care residencies. The six consortium members include Cinergy, Vectren, the Indiana State Department of Health, the Midwest Center for Rural Health, the Indiana Academy of Family Physicians and Deaconess Hospital.

The programs were developed in response to the ongoing shortage of primary care physicians in Indiana. As of March, 66 of Indiana's 92 counties were designated by the Indiana State Department of Health as either health professional shortage areas or medically underserved areas.

"This isn't easy summer work," said Brenda O'Hara, MD, director of predoctoral education at Department of Family Medicine. "The students work with a variety of health care professionals, interact with patients and see first-hand the cultural and language barriers that can exist between physicians and patients. But what I often hear at the end of the summer from students is that this experience helped them to remember why they entered medical school in the first place."

Shoe collection to send message; IUSM and Clarian participate

The Indiana Partnership to Prevent Firearm Violence in conjunction with several local agencies will collect 814 pairs of shoes as part of a national protest against gun violence, June 12 through July 10.

People in Indiana are being asked to contribute a pair of shoes and to personalize it by inserting a signed note, card or photo saying how gun violence affects them and their families. In 1997, 30,000 Americans died from gun related accidents, suicides and homicides. The 814 pairs of shoes reflect the number of

gun-related deaths in Indiana.

In a Silent March on the National Republican Convention in Philadelphia on July 29-30, and on the National Democratic Convention in Los Angeles on August 14-18, the number of pairs collected per state represent the number of gun deaths each year in each state.

Locally, the Silent March is being supported by a dozen groups including IUSM and Clarian Health Partners.

Shoes can be dropped off at several locations including Wishard, IU, Riley and Methodist hospitals.

Honors

Bruce Martin, PhD, associate professor of physiology and biophysics with Bloomington's Medical Sciences Program, has been honored with IUSM's 2000 Faculty Teaching Award, the sole award presented by the school to its 1,100 full-time faculty. Martin joined the faculty in 1979 as assistant professor. He will be appointed to full professorship July 1. This is not the first time Martin has been recognized for his teaching prowess. In 1998, he was honored nationally with the Innovative Basic Science Faculty Member Award from the American Medical Association.

Peter Roach, PhD, is one of three IUPUI faculty members to receive the newly created title of chancellor's professor during the Chancellor's Honors Convocation in April. The title recognizes senior faculty members based on their long-standing, continuous commitment to excellence in research, teaching and service. To be considered for the designation, candidates must have the rank of full professor and have served at IUPUI for at least 10 years. Chancellor's professors will serve as consultants to the chancellor and as mentors for colleagues.

David Wilkes, MD, has been named a member of the Lung Biology and Pathology Study Section for the Center for Scientific Review at the National Institutes of Health. His appointment begins July 1 and extends to June 30, 2004.

Submissions to Scope

Scope summer hiatus begins

The June 26 issue of Scope will be the last one published until August. Items for the fall issues can be submitted during the summer by:

- -- faxing the information to 278-3502;
- -- e-mailing the information to mhardin@iupui.edu;
- -- mailing the information to Mary Hardin, LO 401, IUPUI.

http://www.medicine.indiana.edu



September 3, 2000

Volume 4, Number 13 • Indianapolis, Indiana

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- 21st Century Funds to biomedical imaging research center
- Change of address for compliance office
- Briefs
 - o NIH & IU Staff Offer Seminar
 - Cancer awareness
 - o Free health screening
 - o Riverfest
- Honors: Weisberger, McKeag
- Submissions to Scope

Biomedical imaging research center made possible with 21st Century funds

IUSM has won additional research resources in the second round of funding from Indiana's 21st Century Research and Technology Fund. The first grants from the program, approved by the Indiana legislature in 1999, were issued this past January. The second round of grants was awarded in July.

Newly awarded funding of \$1.9 million establishes the Indiana Center of Excellence in Biomedical Imaging. Gary D. Hutchins, PhD, the John W. Beeler Professor of Radiology, is the principal investigator. The Center will focus on development and application of biomedical imaging techniques for the non-invasive study of cellular and molecular processes.

The Center will have a three-fold mission: basic and applied research, business development, and technology transfer and commercialization of high technology imaging capabilities. It

will serve the academic, medical and business communities as a focal point for multiinstitutional collaboration in basic and applied research to develop novel biomedical imaging modalities and for related technology transfer to the private sector.

The Center also will serve as a resource to academic and private-sector research initiatives by providing state-of-the-art biomedical imaging technologies. It will provide compounding of positron-emitting radiopharmaceuticals that will be distributed for clinical use to a statewide network of hospitals and diagnostic imaging centers.

IU, Purdue and Notre Dame faculty members will participate in the Center as will specialists from pharmaceutical, radiopharmaceutical and medical imaging private industry.

IUSM is a partner in another venture submitted by FluorRx, Inc., which was funded for \$1.69 million. The project is entitled "Critical Care Analyzer Based on Fluorescence Lifetime Technology."

This project involves patented technology that will provide better management of critical care patients by enabling more timely measurement of blood gases, electrolytes and cardiac markers using whole blood samples in a simple, easy-to-use instrument.

IUSM was not the only IU entity receiving project recognition through funding. Indiana University Bloomington was a partner is three funded projects and Indiana University-Purdue University Indianapolis was a participant in five projects.

The centers of excellence projects receiving 21st Century funds focus on the discovery of new technology and its commercialization. They serve as an administrative arm to support the commercialization of the technology developed by the partners.

Change of address for compliance office

The IUSM Office of Compliance Services moved to a new home this summer.

Formerly the office's administration and training section was housed in Wishard Hospital while the compliance analysts were in Medical Science Building. The consolidated functions of the office are now housed in Long Hospital, Room 317. Phone numbers for the office are:

Main number - 278-4891 Fax number - 278-4890 Assistant Compliance Officer - 278-4546 Compliance Training Specialist - Pat Skeens, 278-4521 Analysts - Pamelyn Yard, 278-4892 Sheri Mack, 278-4894

Briefs

NIH & IU staff offer seminar

Faculty are invited to attend a collaborative interactive educational seminar offered on Friday, Sept. 8, by the National Institutes of Health and the IU/IUPUI Research and Sponsored Program staff.

Topics will include:

- -Compliance/Oversight
- -Administration/Science Partnership
- -At-risk Issues for the Biomedical Research Community

The key audience is faculty members who serve as principle investigators, department heads and support staff, especially account managers and supervisors.

The session will be held in Emerson Hall Auditorium, 8 a.m. to noon. Register by contacting JoAnn Pipkin at 274-8285 or at rspinfo@iupui.edu

Cancer awareness

Ovar'coming Together, Indiana's ovarian cancer education and resource group, is sponsoring "Silent No More: Spread the Word About Ovarian Cancer," a 5 K run/walk event at 9:30 a. m., Saturday, Sept. 9, in Garfield Park.

Participants can register from 8 a.m. until 9:15 a.m. The cost is \$15 for adults and \$10 for children under the age of 16. Registration forms can be accessed on the Internet at http://www.indywomenconnect.com or by calling 317-250-6827.

Rounding out the program will be entertainment, a children's program, refreshments, raffle prizes, and a health tent.

Free health screening

The IUSM Department of Radiology, IU and Methodist hospital are offering free screenings to promote the early detection of Peripheral Vascular Disease. Indiana University is offering the screening from 8 a.m. to 5 p.m., Wednesday, Sept. 20. To register, call Clarian On-Call at 317-916-3525.

Pain, numbness, and weakness in the legs are common symptoms of PVD, a medical condition in which arteries in the legs are narrowed or blocked. If left untreated, walking is difficult, ulcers may develop and, in severe cases, gangrene or amputation can result.

More information about PVD and the screening can be found online at http://www.indyrad.iupui.edu/legsforlife.

Riverfest

Indiana University Medica Group will sponsor Riverfest 2000 Run & Walk, starting at 7:30 a.m., Saturday, Sept. 2. This event will begin at the National Institute for Fitness & Sport, 250 University Blvd. It features a 5-mile run and race walk, a 5-K walk and a Pump n' Run. Riverfest will include other health programs, including an expos and youth fitness demonstrations. Cost: \$12-\$16 if entry is postmarked by Saturday. \$15-\$19 for all others. For more information please all: (317) 274-3432.

Honors

Edwin Weisberger, MD, has been named the Betty A. Morgan Professor of Otolaryngology in the Department of Otolaryngology-Head and Neck Surgery.

The Betty A. Morgan Professorship is funded by the Zimmer Otorhinolaryngology Fund of

the Indiana University Foundation. The money was donated by Betty Morgan in memory of her father. She was a friend and patient of Dr. Ralph E. Lingeman, the former chair of the Department of Otolaryngology-Head and Neck Surgery.

Douglas McKeag, MD, chairman of the Department of Family Medicine, has been named the first American United Life Professor of Preventive Health Medicine.

This professorship was established in 1995 by the AUL Foundation, Inc. It is an endowed chair for a faculty member of the Bowen Research Center at IUSM. The research center was founded in 1994 and is designed to facilitate the analysis of health policy, to address issues of rural care and to examine health promotion and cost containment.

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IUSM Home • Office of Public & Media Relations • Scope Archives



September 18, 2000

Volume 4, Number 14 • Indianapolis, Indiana

IUSM Home • Office of Public & Media Relations • Scope Archives

- Ora Pescovitz new associate dean of research
- New device offers option for many hearing aid users
- IU Medical Group physician directory on web
- Bone sarcoma research pilot proposals requested
- September Cancer Combined Seminar Series
- OSCE faculty needed
- Briefs
 - Women's health month kick-off September 18
 - Sabbatical leave applications
 - Lecture on incontinence in women
- New IUSM faculty listserv contact
- Submissions to Scope

Ora Pescovitz new associate dean of research

Ora Pescovitz, MD, the Edwin Letzter Professor of Pediatrics at IUSM, has accepted the position of associate dean of research for the IUSM.

Dr. Pescovitz is director of pediatric endocrinology/diabetology and professor of pediatrics and of physiology/biophysics. She joined the faculty after completing a medical staff fellowship in endocrinology at the National Institute of Child Health and Human Development and serving as assistant professor of pediatrics at the University of Minnesota.

Currently president of the Society for Pediatric Research, Dr. Pescovitz received a five-year Research Career Development Award from the National Institutes of Health in 1991, the IUSM Faculty Teaching Award in 1996 and the IU Teaching Excellence Recognition Award in 1999. She is a diplomat of the American Board of Pediatrics.

Dr. Pescovitz is married to Mark Pescovitz, MD, a professor of surgery at IUSM who specialized in kidney and liver transplantation. They have three children.

New device offers option for many hearing aid users

A new option for adults with hearing loss due to nerve damage is available through an implantable hearing device that reduces the confusion of ambient noise and is invisible to friends and colleagues. The Food and Drug Administration approved the device, Vibrant Soundbridge, after completion of clinical trials at IUSM and nine other centers across the nation.

"We see many people who either resist using or are unsuccessful hearing aid users," says Richard Miyamoto, MD, chairman of otolaryngology and one of the 10 principal investigators in the clinical trial. "For these people, an implantable hearing device may offer the aesthetic, comfort and sound qualities they're looking for."

Of the 5.6 million Americans who have hearing aids, 900,000 say they do not use them. In addition, according to the Better Hearing Institute, approximately 28 million people suffer from hearing loss but 80 percent of those people can't or don't want to wear hearing aids.

The primary hurdles to using hearing aids cited by most people are the aesthetics of hearing aids, the feedback and amplification of background noise and discomfort from the fit and from blocked ear canals. The 90 patients who tested the new device had been previous hearing aid users because of moderate to severe sensorineural hearing loss.

They underwent outpatient surgery to implant the device in their middle ear and returned to have the device activated after eight weeks. In test intervals of one month, three months, then semi-annually, 94 percent of the patients were satisfied with overall sound quality of the implantable device compared to their hearing aid, 86 percent were satisfied with clarity of tone and sound compared to 31 percent with their hearing aid and 88 percent reported that they were more pleased with the sound of their own voices.

Dr. Miyamoto believes that the new hearing technology will be attractive to the growing number of middle-aged Americans who report that they avoid crowded social settings and experience difficulties in transacting business by telephone because of hearing loss.

Adult patients who have mild to moderate hearing loss due to nerve damage in both ears are eligible candidates for the device. The device is not covered by insurance and costs approximately \$25,000. The IU Department of Otolaryngology is the only center in Indiana currently implanting the device.

IU Medical Group - Specialty Care launches physician directory on web

When Internet surfers from around the globe log onto http://www.iumg.iu.edu and select the specialty care portal, they will have immediate access to information about the physicians, programs and services of IU Medical Group - Specialty Care through an interactive physician directory.

All faculty members are encouraged to log on and review their biographies. To make changes, print the screen, note any additions on the page and return to IUMG-SC Marketing via fax at 278-3502. Questions may be directed to Lynaire White at 278-3500 or lynaire@iupui.edu.

Information in the database was collected over the past year from new faculty and clinical administrators. About 20 percent of the faculty have not responded with either a photo or updated profile. IUMG-SC Marketing is the process of contacting this group again. No one was omitted from the directory, instead section or departmental phone numbers were included for faculty who did not respond.

The on-line directory offers users several easy-to-use search modes - by disease, by area of specialty or by physician name. Choosing to sort specialists who care for only children or only adults can narrow searches further. A final sort option returns information about the clinical programs offered for a particular disease or condition, along with the corresponding team of specialists.

Bone sarcoma research pilot proposals requested

Indiana University Cancer Center is inviting pilot and feasibility proposals for cancer research projects. Funding is scheduled to begin on Feb. 1, 2001. The funds for these projects have been obtained from numerous individuals that have contributed to the IUCC Bone Cancer Research Fund.

A primary goal of Indiana University Cancer Center is to stimulate multi-disciplinary and translational research. The latter is research that seeks to develop and translate laboratory observations to innovative clinical trials. The duration of funding is one year and the budget should not exceed \$30,000. Applicants must be IU faculty members, and the funds should

not be used for fellowship or training purposes. Applicants may have a funding history, but the proposed project should be separate from previous/current funded projects. The project could be one with which the investigator is changing his or her research focus.

Final applications are due by Nov. 15. The body of the proposal should not exceed two pages. A brief budget should also be included. Budgets may be typed on plain paper. Ten copies will be required. Applications will then be reviewed by an internal committee. Criteria for review are: 1. Scientific merit 2. Bone sarcoma relatedness 3. Multidisciplinary or translational nature 4. Potential for subsequent peer reviewed funding.

The start date for the funding is Feb. 1.

Applications should be sent to:

Stephen D. Williams, MD IU Cancer Center Indiana Cancer Pavilion, RT 455 278-0070

September Cancer Combined Seminar Series

The Combined Seminar Series of the IU Cancer Center is conducted from 4 p.m. to 5 p.m. Wednesdays in the Cancer Research Institute auditorium. Speakers for September include:

Sept. 13 -- John Hawes, PhD, assistant research scientist, assistant professor, IU Department of Biochemistry and Molecular Biology, and director, Biochemistry Biotechnology Facility, "Real-time PCR Technology and Applications."

Sept. 20 -- Mark Goebl, PhD, assistant professor, IU Department of Biochemistry and Molecular Biology, Walther Oncology Center, topic to be announced.

Sept. 27 -- John Foley, PhD, assistant professor, IU Department of Anatomy, adjunct assistant professor, IU Department of Dermatology, "Malignancy Associated Hypercalcemia Factor PTHrP: Patterning, Paradigms, and Pathology."

OSCE faculty needed immediately

Faculty interested in being involved with the Objective Structured Clinical Examination test-writing committee are being sought by the Clinical Assessment Advisory Group. The test writing committee is responsible for preparing the clinical scenarios with which the third-and fourth-year medical students are tested.

The OSCE is required for graduation. It assesses students' clinical and professional competence. The students participate in clinical scenarios in which their interaction with standardized patients is videotaped and scored.

Faculty participation in this medical education activity may help to document your activities for promotion and tenure purposes.

If interested in participating in this important undergraduate medical education program, please contact:

Susan Hyatt Ballinger, MD Clinical Associate Professor of Pediatrics Section of Pediatric Rheumatology Indiana University School of Medicine sballing@iupui.edu 317-274-2172

Briefs

Women's health month kick-off September 18

The second annual Women's Health Month celebration Monday, Sept, 18, will feature a nationally recognized authority on domestic violence. Beverly Coleman-Miller, MD, visiting scholar, Harvard University School of Public Health, will present "Violence Against Women" from noon to 1 p.m. in the auditorium of Indiana Government Center South.

A health fair will be from 11 a.m. to 2 p.m. in the Indiana Government Center, South Atrium.

The event is co-sponsored by the Indiana State Department of Health Office of Women's Health, the Indiana Commission on Women and the IU National Center of Excellence in Women's Health.

For additional information, Tina Darling at 317-630-2243.

Sabbatical leave applications due

The IUPUI Dean of the Faculties Office has distributed revised sabbatical leave application forms for leaves beginning between July 1, 2001, and June 30, 2002.

Tenure-track faculty planning to apply should inform their department chair or regional center director by Saturday, Sept. 30.

Please contact Lisa Polen (lypolen@iupui.edu or 317-278-7263) or Lynn Wakefield (lwakefie@iupui.edu or 317-274-7215) for a copy of the revised application form.

Lecture on incontinence in women

The monthly conference of the IU National Center of Excellence in Women's Health will be from noon to 1 p.m., Friday, Sept. 27, in the IU Cancer Research Institute auditorium. Gregory Wahle, MD, will discuss "Management of Incontinence in Women."

Lunch and CME/CEU credits will be available. No reservations are necessary.

For information, please call Tina Darling at 630-2243.

New IUSM faculty listserv contact

Most of the messages previously distributed to the IUSM faculty listserv will be consolidated into the electronic version of Scope, which is now distributed biweekly to faculty, staff and students.

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October 2, 2000 Volume 4, Number 15 • Indianapolis, Indiana

IUSM Home • Office of Public & Media Relations • Scope Archives

- Beering Lecture to be October 18
- Women's health topics to dominate Mini Medical School line up
- New CME activities approved for credit
- IUSM informatics experts profiled in book
- Med students prep for health fair
- Research Institute groundbreaking slated for November 2
- Medical Ethics and Humanities program
- Department name changed
- New IUSM faculty listserv contact
- Scientific Calendar online
- Submissions to Scope

Beering Lecture

Mark your calendars for 8:30 a.m., Wednesday, Oct. 18, for the **2000 Beering Lecture**. The lecture will be in the University Place Conference Center Auditorium; a reception follows the lecture.

Richard W. Tsien, D. Phil., a major contributor to the world's understanding of the molecular mechanism of calcium channels and their role in cellular signaling, is this year's recipient of the Steven C. Beering Award for Outstanding Achievement in Biomedical Science. Dr. Tsien will present "Signaling Across The Synapse And Onto The Nucleus."

Dr. Tsien will participate in other seminars and discussions including:

Neuroscience Research Seminar -- 2 p.m., Tuesday, Oct. 17, Van Nuys Medical Science Building, Room 326, sponsored by the Graduate Program in Medical Neurobiology.

Luncheon discussion with first- and second-year medical students -- 11 a.m.,

Wednesday, Oct. 18, Emerson Auditorium. Pizza and drinks provided by the Office of Medical Student Academic Affairs.

Round table discussion with faculty of the physiology and biophysics department -- 2 p. m., Wednesday, Oct. 18, Van Nuys Medical Science Building, Room 309.

Women's health topics dominate Mini Medical School line-up

From domestic violence to breast cancer --- these topics and others will be covered when women's health takes center stage during the Fall 2000 Mini Medical School.

The programs will be from 7 p.m. to 9 p.m. Tuesdays, Oct. 3 through Nov. 7 at the Ruth Lilly Health Education Center, 2055 N. Senate Ave. To register, please call 317-278-7600. The cost is \$35.

Dates, topics and speakers include:

Oct. 3 -- "Domestic Violence: An Equal Opportunity Risk, " DaWanna Stubbs, MD, and Ann DeLaney, JD. **Oct. 10** -- "After the Childbirth Years," Ann Zerr, MD, and Marguerite Shepard, MD.

Oct. 17 -- "Hearts and Science," Elisabeth von der Lohe, MD, and Michael Busk, MD.

Oct. 24 -- "Breast Cancer: Disease and the Female Icon," Kathy Miller, MD, and Victoria Champion, DNS.

Oct. 31 -- "Trick or Treat: Fear, Anxiety and Addictions," Anna McDaniel, DNS, and Susan Ball, PhD.

Nov. 7 -- "Out From Under the Covers: STDs and HIV," Ginat Mirowski, DMD, MD, and Kenneth Fife, MD.

New CME activities approved for credit

At the AMA Council on Medical Education meeting in December 1999, several actions were taken regarding Category one credits for the AMA Physician's Recognition Award. Five activities will be accepted on the application form for the PRA:

1. Articles published in peer-reviewed journals (journals included in the Index Medicus): 10 category one credits for each article, one article per year. (For credit, attach a reprint of the first page of the article(s) to the application.)

- **2.** Poster preparation for an exhibit at a medical meeting designated for AMA PRA category one credit, with a published abstract: 5 category one credits per poster, one presentation per year. (For credit, attach a page from the program with the abstract and identification of the presenter.)
- **3**. Teaching, e.g. presentations, in activities designated for AMA PRA category one credit: 2 category one credits for each hour to a maximum of 10 credits per year. (2 AMA PRA category one credit hours for preparation and presentation of each hour of new and original material designated for category one credit by an accredited sponsor, to a maximum of 10 credits per year. A program or announcement of an activity will be acceptable as proof of the teaching activity.)
- **4**. Specialty board certification and maintenance of board certification (specialty board recertification): 25 AMA PRA category one credits. (For credit, attach a copy of the certificate or the notification letter from the Board.)
- **5.** Medically related degrees, such as the Master's in Public Health: 25 AMA PRA category one credits following award of the advanced degree. (For credit, attach a copy of the diploma or transcript to the application.)

For more information on other CME activities, contact the Medical Educational Resources Program at

274-4083 or visit the web site at http://iumeded.med.iupui.edu/.

(Information taken from the AMA Physician's Recognition Award Information Booklet, version 2.1, pages 3 - 4, released in January, 2000.)

IUSM informatics experts profiled in book

Thomas Emmett, MD, MLS, and Frances A. Brahmi, MLS, of the Ruth Lilly Medical Library are the subject of in-depth interviews appearing in a recent book, "Super Searchers on Health & Medicine: The Online Secrets of Top Health and Medical Researchers" (Cyberage Books).

In an interview, Dr. Emmett, adjunct professor of knowledge informatics and reference systems coordinator at the library, discusses how he bridged careers as a clinician and medical information management. He also elaborates on how the use of MEDLINE and other online services at the library benefits faculty, staff and students at IUSM, and the schools of Nursing and Allied Health Sciences.

Brahmi, curriculum and education director, talks about her two decades as a reference librarian and search analyst at IUSM. She also details the benefits of the required medical informatics clerkship all IUSM fourth-year students must take, and introduces them to the concepts of evidence-based medicine.

Med students prep for health fair

In an election year pumped with rhetoric and promises about how to make medical care accessible to more Americans, IUSM students are launching their own campaign to narrow that gap.

Medical students are sponsoring and organizing a health fair at the Westside Community Health Center, 9 a.m. to 1 p.m., Saturday, Oct. 21. The center is located at 2732 W. Michigan St.

"Our goal is to foster a strong relationship with the Indianapolis community and to promote better health habits," says IUSM student Clark Boccone, who along with Stephanie Kraft is coordinating the event.

Students will assist IUSM faculty and staff physicians with free screenings for blood pressure, cholesterol, diabetes and colon cancer in adults. Vision and hearing screenings will be offered to children. Also, free information about breast and skin cancer, osteoporosis, exercise and diet, weight loss, prostate problems, dental hygiene and other health topics will be distributed to visitors.

Children are especially welcome for demonstrations on bicycle, fire and poison safety.

"The health fair is an excellent opportunity for all people in the Indianapolis community - plus it's free," says Kraft, a fourth-year medical student.

Students from the IU Schools of Dentistry and Allied Health Sciences also will participate in the health fair.

Research Institute dedication slated for November 2

The Trustees of Indiana University, President Myles Brand, Chancellor Gerald Bepko and

Dean D. Craig Brater invite you to attend the groundbreaking ceremony for the Indiana University School Of Medicine Research Institute at 1:30 p.m. Thursday, Nov. 2, at the Ruth Lilly Medical Library on the IUPUI campus. A reception will immediately follow the ceremony.

If you have questions, please call Lori Gwinn at 278-2136.

Managed care basis of Medical Ethics and Humanities program

The McDonald-Merrill-Ketcham Discussion "Comeuppance? The Class Actions Against Managed Care Organizations" will be presented by Clark C. Havighurst, JD, Duke University School of Law, from noon to 1 p.m., Wednesday, Oct. 4 in the Medical Library, room 301.

Seating is limited and reservations are suggested. To reserve a place and receive a copy of the readings, please call 274-4740 or e-mail jizukac@iupui.edu.

The Medical Ethics and Humanities program is co-sponsored with the Center for Law and Health, IU School of Law, Indianapolis.

Department name changed

The Department of Physiology and Biophysics has changed its name after approval from faculty and the IUSM Executive Committee . Reflecting current trends in this field of medical science, the department's name is now Department of Cellular and Integrative Physiology.

Rodney Rhoades, PhD, is department chairman.

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Messages for consideration for the faculty listserv should be forward to Marti LaChance at lachance@iupui.edu. Copy for *Scope* should be sent to Mary Hardin, LO 401, mhardin@iupui.edu, or fax 278-3502.

Scientific Calendar online

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October 16, 2000 Volume 4, Number 16 • Indianapolis, Indiana

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- New associate dean
- Beering Award and Lecture, Oct. 18
- ARTI seminars for inventors/researchers
- World of Difference Awards
- HIV-AIDS update tackles therapy challenges
- Parking changes imminent on campus
- PBS to air 'Critical Condition,' a report on America's health care system
- 'Spirit & Place' Festival presents a look at institutional life in the 19th Century
- Honors
- Staff list being compiled for Scope
- Scientific Calendar online
- Submissions to Scope

New associate dean

Stephen Leapman, MD, has accepted the position of executive associate dean for educational affairs at IUSM.

A transplant surgeon, Dr. Leapman has served in numerous leadership positions at IUSM and has devoted much effort to medical education, including the implementation of the OSCE (objective structured clinical examinations) program as part of the School's competency-based curriculum.

Tsien to receive Beering Award

Richard W. Tsien, D Phil, will be awarded the Steven C. Beering Award for Outstanding Achievement in Biomedical Science during ceremonies at 8:30 a.m. Wednesday, Oct. 18, in the University Place Conference Center Auditorium.

Dr. Tsien, a major contributor to the world's understanding of the molecular mechanisms of calcium channels and their role in cellular signaling, will present "Signaling Across the Synapse and Onto the Nucleus" prior to the awards ceremony. A reception will follow.

Dr. Tsien will participate in other seminars and discussions including:

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Round table discussion with faculty of the physiology and biophysics department -- 2 p. m., Wednesday, Oct. 18, Van Nuys Medical Science Building, Room 309.

ARTI seminars for inventors/researchers

Special seminars for Indiana University faculty inventors and professors interested in product research and marketing are scheduled for October and November at IUPUI and IU Bloomington.

The seminars will be at 8 a.m., Wednesday, Oct. 18, in the University Library Auditorium at IUPUI, and at 9 a.m., Thursday, Oct. 19, in the Oak Room of the Indiana Memorial Union on the Bloomington campus.

A seminar on "Patents, Licensing and Commercialization" is slated for Wednesday, Nov. 8. The location is yet to be announced.

The seminars are designed to help faculty understand how private business determines the commercial potential of newly developed product ideas, and also will focus on the industry perspective of technology valuation.

A panel of nine experts from finance, biotechnology and communication is scheduled to make presentations, discuss their ideas and respond to faculty questions.

The seminar series "Partners in Invention and Entrepreneurship," is co-sponsored by the IU Advanced Research and Technology Institute and the Indiana Pervasive Computing Research Initiative, and is made possible by a grant from Lilly Endowment.

Additional information can be found at http://arti.indiana.edu/Seminars or by calling 317-274-5905.

World of Difference Awards

IUSM will be well represented in the winner's circle at the Indiana Health Industry Forum World of Difference Awards ceremony Tuesday, Oct. 17, at the Hilbert Circle Theatre.

The Herman B Wells Center for Pediatric Research is the winner of the Rising Star Award. A finalist in that category is Mary Dinauer, MD, director of the Wells Center.

The Lifetime Achievement Award will be presented to Steven C. Beering, MD, former dean of IUSM who retired this year after 17 years as president of Purdue University. A finalist in the category is Ting-Kai Li, MD, who served as associate dean of research at IUSM for 15 years.

HIV-AIDS update tackles therapy challenges

Improved therapies are helping people with HIV infections and AIDS feel better and live longer, but complications related to those therapies are creating new challenges for patients and researchers.

That's the prevailing focus of the 8th Annual Update on the Management of HIV, hosted by the IUSM Division of Infectious Diseases. The Oct. 25 event will be at the University Place Conference Center.

Several speakers will address subjects ranging from controversies in the treatment of HIV to the management of neurological complications.

Cost for the daylong seminar is \$25; however, there is no fee for School of Medicine faculty, staff and residents-in-training. To register, contact the IUSM Division of Continuing Medical Education at (317) 274-8353 or toll free at (800) 622-4989.

Parking changes imminent on campus

Within the next two to three years IUPUI will lose nearly 10 percent of its total parking space to new academic buildings. The IUPUI Parking and Transportation Services has proposed a plan to recover the loss of spaces and to create a more equitable parking system. That plan and an opportunity to submit comments can be found at http://www.parking.iupui.edu/.

PBS to air 'Critical Condition,' a report on America's health care system

PBS stations nationwide will air a special report on the health care system in the United States. *Critical Condition* will be shown from 8 p.m. to 11 p.m. (ET), Wednesday, Oct. 18.

Hedrick Smith, a Pulitzer Prize-winning correspondent and executive producer of the series, will take a grass roots look at the quality, affordability and availability of health care for all Americans.

The report is divided into segments on four subject areas: "The Quality Gap: Medicine's Secret Killer," "The Chronically Ill: Pain, Profit and Managed Care," "The Idealistic HMO: Can Good Care Survive the Market?" and "The Uninsured: 44 Million Forgotten Americans."

A companion Web site containing outreach materials for health care consumers can be found at http://www.pbs.org/criticalcondition.

Festival speaker's message may hold interest for JSB History Society members

The IUPUI Polis Center's "Spirit & Place" Festival will host Lucy King, MD, from 7 p.m. to 9 p.m., Thursday, Nov. 9, when she presents "Seven Years at Seven Steeples." The lecture will be at the Indiana Medical History Museum, 3045 W. Vermont Street.

Dr. King will base the talk on a book in the Ruth Lilly Medical Library's Special Collection, *From Under A Cloud*. Written by a patient who spent seven years at Indiana's only

psychiatric hospital in the late 1870s and early 1880s, the book presents a thoughtful appraisal of institutional treatment and staff -- both good and bad -- at the Indiana Hospital for the Insane.

A \$3 admission will be charged. For directions to the Indiana Medical History Museum, please call 635-7329.

Honors

Steve Counsell, MD, has been appointed by Gov. Frank O'Bannon as a member of the Indiana Prescription Drug Advisory Committee. The committee makes recommendations on eligibility and benefit guidelines and for administrative structure for helping elderly Hoosiers pay for prescription drugs they need but cannot afford. The Indiana General Assembly has set aside \$20 million for this fiscal year for prescription drugs for the low-income elderly.

Student Financial Services of the Medical Student Academic Affairs Office has been ranked by the AAMC Graduate Questionnaire as the top medical school financial aid office among medical schools across the country for each of the past three years. **José Espada** is director of student financial services and **Rita Flynn** is financial aid assistant.

W. Scott Goebel, MD, PhD, recently was awarded the prestigious William Kennedy Research Fellowship of the National Childhood Cancer Foundation. Dr. Goebel, an IUSM postdoctoral fellow working in the lab of Mary Dinauer, MD, PhD, will receive an award of \$25,000 the first year and \$30,000 the second year of the fellowship. He is a 1995 IUSM graduate.

Craig Gosling, director of IUSM's Department of Medical Illustration, is the recipient of the 2000 Brödel Award for Excellence in Education, presented to him by the Association of Medical Illustrators in recognition of his contributions to the profession and to medical education. Gosling has created more than 40 patient simulators used as instructional aids. The award is in honor of Max Brödel, who established the nation's first department of medical illustration at the turn of the century at the Johns Hopkins University School of Medicine.

Jay Grosfeld, MD, has been initiated as an Honorary Fellow of the Royal College of Surgeons of England. He delivered the keynote address to new diplomats of the College. Dr. Grosfeld is the fourth pediatric surgeon in the world to receive this prestigious honor. This summer, Dr. Grosfeld was elected vice-chairman of the Residency Review Committee (RRC) for Surgery, sponsored by the Accreditation Council for Graduate Medical Education. The RRC for Surgery is responsible for accrediting all U.S. residency training programs in

general surgery, vascular surgery, pediatric surgery and surgical critical care.

At the annual meeting of the American Society for Clinical Laboratory Science, **Linda Kasper**, MT, SC, and **Bernadette Rodak**, MS, CLSPH, were inducted into Alpha Mu Tau, the honorary fraternity which recognizes significant contributions to the profession of Clinical Laboratory Science. Membership is limited to 300 members and there have been only 600 members since 1948. Both are faculty members in the School of Allied Health Science. Kasper is program director and associate professor of clinical laboratory science and associate professor of pathology and laboratory medicine. Rodak is associate professor of clinical laboratory science and pathology and laboratory medicine.

Sue London, MLS, curriculum and education director, Ruth Lilly Medical Library, has been approved for membership in the Academy of Health Information at the distinguished member level.

Joyce Moore, MS, FACMPE, chief financial officer in the Department of Family Medicine, recently earned Fellow status in the American College of Medical Practice Executives. She is one of 370 individuals across the United States who share the FACMPE credential. She is one of 13 Fellows in Indiana and one of three on the IUPUI campus. She serves as vice president of the Indiana Medical Group Management Association and is the 2001 president-elect.

Christopher Rickets, MD, chief resident at Indiana University Family Practice Residency and Jason Marker, MD, chief resident at Memorial Hospital of South Bend Family Practice Residency, received the Mead Johnson Awards for Graduate Medical Education at the recent American Academy of Family Practice Conference in Dallas, Texas. These awards are based on leadership ability, community involvement and exemplary patient care. Drs. Ricketts and Marker are IUSM graduates. Dr. Ricketts additionally staffs and recruits physicians to serve the medical needs of the Wheeler Mission in Indianapolis. Dr. Marker has served as chair of the IU Family Medicine Student Interest Group and was nominated for the Pisacano Award, which is presented to medical students for academic excellence.

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October 30, 2000 Volume 4, Number 17 • Indianapolis, Indiana

IUSM Home • Office of Public & Media Relations • Scope Archives

- Dignitaries to attend IUSM Research Institute groundbreaking
- Wishard ambulance crews 'at work' on national television
- Practicing medicine at one's best, topic of seminar
- Med student lead author for journal article
- Combined Seminar Series, November schedule
- Updated bibliographic database online
- Copyright resources for electronic materials
- Submissions to Scope

Dignitaries to participate in Nov. 2 Research Institute groundbreaking

Paul and Carole Stark, longtime friends of IUSM, have a vested interest in a special ceremony taking place in the Ruth Lilly Medical Library Thursday, Nov. 2. The Starks will be among guests attending the groundbreaking ceremony for the IUSM Research Institute, which will house the Stark Neuroscience Institute.

Also participating in the 1:30 p.m. event will be Indiana Lt. Gov. Joseph E. Kernan and Indianapolis Mayor Bart Peterson, along with IU President Myles Brand; IUPUI Chancellor Gerald L. Bepko; several IU trustees; Daniel F. Evans Jr., Esq., chairman of the board of directors for Clarian Health Partners; and Ting-Kai Li, IUSM distinguished professor.

Researchers from many disciplines, including medical and molecular genetics, chemistry, anatomy, pharmacology, psychiatry, pathology, physiology, neurology, surgery and imaging will occupy the Stark Neurosciences Research Institute. The Stark Institute will enhance collaboration among scientists who share the goal of understanding the basis of central nervous system diseases and will help them realize a greater potential as contributors to the body of neuroscience research.

The Stark Neuroscience Institute is not the family's only impact on neuroscientific research

at IUSM; they also have endowed the Stark Chair in Pharmacology and the Stark Neurosciences Scholarship Fund.

The building, scheduled for occupancy in 2002, also will house the Indiana Center of Excellence in Biomedical Imaging, a new initiative funded through grants from the Indiana Twenty-first Century Technology Research Fund and a National Cancer Institute planning grant for an In-vivo Cellular and Molecular Imaging Center. Faculty from Indiana, Purdue and Notre Dame universities, as well as scientists from the pharmaceutical, radiopharmaceutical and medical imaging industries will be involved in the research. The Center will serve as a focal point for technology transfer to the private sector.

The Walther Oncology Center, a partnership program between the Walther Cancer Institute and IUSM, also will be located in the new research facility. The goal of the Center is to foster cutting-edge, basic scientific laboratory research that focuses on the cellular, biochemical and molecular biology of cancer.

Another contributor to the success of IUSM's research efforts is Clarian Health Partners, which has pledged \$10 million toward construction of the Research Institute.

The building will be situated on the south side of Wishard Boulevard, east of the IU Cancer Research Institute. A tunnel connecting the new research building with the Medical Research and Library Building to the south also is included in the project, estimated to cost \$26.9 million.

A reception will immediately follow the ceremony.

Wishard ambulance crews 'at work' on national television

Wishard Health Services paramedics will be featured on TLC's *Paramedics*, a real-life documentary that follows paramedic teams to medical emergencies. The show will air at 8 p. m. (local time), Thursday, Nov. 2.

The one-hour program can be seen locally on Time Warner Cable, channel 56, and Comcast, channel 38.

Since no national production is complete without a premiere and free popcorn, Wishard is hosting showings on Wednesday, Nov. 1, at 1 p.m., 3 p.m. and 6 p.m. in Myers Auditorium.

Paramedics is produced by NYT Television. The production team spent four weeks in May recording the life-saving efforts of Wishard's paramedic teams.

TLC reaches 74 million homes in the United States and 6.2 million homes in Canada and is a service of Discovery Networks.

Practicing medicine at one's best, topic of seminar

The Medical Ethics and Humanities Seminar series will present "Mindful Practice" with Ronald Epstein, MD, at noon, Friday, Nov. 10, in the IU Cancer Research Institute auditorium.

The presentation's goal is to provide tools that will help to foster mindful practice in practitioners and learners.

At the end of the seminar, participants will be able to:

- Identify times when they practice at their best -- when they are able to think clearly, be in touch emotionally and be present physically;
- Characterize mindful practice;
- Recognize mindful practice in trainees and colleagues; and
- Develop some tools to promote mindful practice in learners.

To register, please RSVP to 274-4740 or email jizukac@iupui.edu by Wednesday, Nov. 8. The seminar is co-sponsored with the Bowen Research Center and the IU Department of Family Medicine.

Medical student lead author of journal article

Second-year IUSM student Eric Jaryszak of Lowell, Ind., has taken an uncommon step on the road to becoming a physician. As a result of joining the research laboratory of Wiltz Wagner, PhD, one of the few places in the world where video microscopy is used to study lung structure, Jaryszak has had the opportunity to be published in a professional journal.

Jaryszak debuts this month as the principal author of an important study which demonstrated that the lung can respond to changes in blood flow much more rapidly than previously suspected.

Jaryszak's research confirmed an essential part of a larger study that questions the conventional theory that gravity governs blood flow in the lungs. The new theory proposes that gravity represents only a part of the circulatory process. Both studies were published in the September issue of the *Journal of Applied Physiology*.

Under the guidance of Dr. Wagner, the Virgil K. Stoelting Professor of Anesthesia at IUSM, who has been studying the physiology of the lung for four decades, Jaryszak developed a video microscopy project that demonstrated that capillaries in mammalian lungs respond to a change in blood flow in only two seconds. This work validated the results of the 30-second, zero gravity experiments Dr. Wagner and other scientists previously completed aboard a NASA KC-135 jet. These experiments showed that the tree-like structure of the lung's arterial circulatory system is a major determinant of blood flow in the lung.

As a result of his experience in the Wagner laboratory, Jaryszak no longer simply has his eyes set solely on a medical degree. He plans to take a year off from medical school next year to do further pulmonary research in the Wagner laboratory as part of the work required for a doctoral degree in physiology. He then will return to medical school and hopes to receive a combined MD/PhD degree from IU in May 2004.

Combined Seminar Series November schedule

The schedule and topics for the November Combined Seminar Series follows. The sessions begin at 4 p.m. in the IU Cancer Research Institute auditorium.

Nov. 1 -- Robert Clarke, PhD, professor, Georgetown University Medical Center, "Molecular Mechanisms of Anti-estrogen Resistance in Breast Cancer."

Nov. 8 -- Andy Deutsch, PhD, professor, Pennington Biomedical Research Center, "Multifunctional Proteins for the Repair of Damaged DNA."

Nov. 15 -- Chinghai Kao, PhD, to be announced.

Nov. 22 -- Sydney Fleischer, PhD, Molecular Biology and Pharmacology, "Regulation of Muscle Contraction Calcium Signaling, from Molecules to Mouse."

Nov. 29 -- Danny Welch, PhD, associate professor of pathology, Penn State University College of Medicine, "Regulation of Metastasis in Human Cancer."

Updated bibliographic database online

The IUSM bibliography now has a Web interface. The online version of the bibliography covers all the published years, 1986-1997, and is searchable by author, title words and date.

This Web version was developed by Amy Hatfield, a library intern from the IU School of Library and Information Science. It replaces the online Gopher index to the bibliography previously maintained by the Library. If you have bookmarked the older index, please change the bookmark. The new Web link is: http://www.medlib.iupui.edu/bibliography.

Copyright resources for electronic materials

Just when copyright law and "fair use" for printed classroom materials seemed to be understandable, new questions arise when considering publishing materials on our Web pages. So when do the use of materials for Web-based classroom needs fall under the Fair Use law for copyright? If an instructor wishes to post a series of copyrighted materials on his or her Web site for a particular class, would those materials fall under fair use?

To answer these somewhat difficult questions, four factors must be considered and weighed: the purpose of the use; the nature of the work; the amount used; and the effect of the use on the market for the original material. The law requires an independent determination for each copyrighted work used in a particular situation.

The university has a wealth of material and expertise in the Copyright Management Center to assist in working through a determination. Specific materials already prepared for your reference on this issue are available through the Copyright Management Center:

Fair-Use Case Study: Using Copyrighted Materials on the World Wide Web at http://www.iupui.edu/~copyinfo/fucasestudy.html

Fair Use in the Electronic Age: Serving the Public Interest at http://www.arl.org/info/frn/copy/fairuse.html

Fair Use in Teaching at http://www.iupui.edu/~copyinfo/fairuse.html

The Fair-Use Checklist is of particular help for a specific situation and can be found at http://www.iupui.edu/~copyinfo/fuchecklist.html

For more general information, contact the Copyright Management Center directly at http://www.iupui.edu/~copyinfo/

(Submitted by Beverly Hill, EdD, director, Medical Educational Resources Program/ Continuing Medical Education)

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November 13, 2000Volume 4, Number 18 • Indianapolis, Indiana

IUSM Home • Office of Public & Media Relations • Scope Archives

- Mark your calendar: Fall Faculty Meeting
- Faculty RSVPs requested for Wishard's medical management seminar
- First theme-related Mini Med School a hit
- Listserve forum now on line for PDA users
- Women's health lecture on breast cancer
- Honors
- Submissions to Scope

Mark your calendar: Fall Faculty Meeting

The Fall Faculty Meeting will be at 4 p.m., Thursday, Nov. 30, in the Emerson Hall auditorium.

Agenda items will include: Dean D. Craig Brater, MD, will discuss Core Values; Faculty Council President Robert Tarver, MD, will introduce department chairs who will recognize their new faculty members; standing reports will be presented by Robert Schloemer, PhD, from the Admissions Committee and Andrew Evan, PhD, from Student Promotions Committee.

Faculty RSVPs requested for Wishard's medical management seminar

Over the past few months, Wishard Health Services has been engaged in a medical management initiative with the assistance of V4 Consulting.

One objective of the initiative is to enhance the current process for team coordinators to improve existing medical management practice. This process will ensure effective and efficient coordination of patient care. To meet this objective, an Accelerated Case

Management Design Session has been chosen to enhance the model which will incorporate case management, utilization management, discharge planning, social work, denial management and other care coordination processes.

Accelerated Design for Case Management will be a 2 1/2-day session from Monday afternoon, Nov. 27, through Wednesday, Nov. 29, for staff. Changes in the case management model will affect physician activities at Wishard.

Physicians providing clinical services at Wishard are asked to join the session from noon to 1 p.m. on Tuesday and Wednesday, to review the progress and provide input so that the optimal system can be developed. Physician input will be essential to making these sessions successful.

It is requested that physicians attend both noontime sessions which will be at the University Place Conference Center. A box lunch will be provided.

If you plan to attend, please RSVP to Daphne Tan-Chin by email (tanchind@wishard.edu) or at 630-6440 by Tuesday, Nov. 21.

Submitted by: Randy L. Howard, M.D., F.A.C.P. Associate Medical Director Executive Vice President of Medical Affairs

First theme-related Mini Med School a hit

The Fall 2000 Mini Medical School focused on controversial topics and issues in women's health. It received high marks from its audiences, which included high school students, their teachers and adults.

Three high school science teachers enrolled their top students as part of a program designed to encourage students to enter medicine or research. These high schools received grant gifts to their science programs based on high student participation.

The spring 2001 series will be from 7 p.m. to 9 p.m. for six consecutive Tuesdays in the Ruth Lilly Auditorium in the new Riley Outpatient Center. Faculty, staff and students are encouraged to visit one or more of the presentations.

For more information on registering for the spring course, call 317-278-7600.

The spring session will feature:

Feb. 13 - Spirituality in Patient Care Elizabeth Bowman, MD

Feb. 20 - The Science of Organ Transplantation Mark Pescovitz, MD

Feb. 27 - Impact of Sports Medicine on Everyday Life Douglas McKeag, MD

March 6 - Breathing in Zero Gravity Wiltz Wagner, PhD

March 13 - Cryobiology of Cells and Tissues John Critser, PhD

March 20 - Integrative Medicine: Bridging the Gap Palmer MacKie, MD

Listserve forum now on line for PDA users

PDA, it means more than patent ductus arteriosus. If you are interested in learning more about Personal Digital Assistants (Palms, Visors, PocketPCs, Psions) join in a new forum, designed to provide information appealing to a broad range of people from beginners to advanced users.

New users: How would a handheld make your life easier? Which one should you buy?

Advanced users: Notification of Software updates, ideas for new applications and uses of PDAs in medicine.Get informed opinions about software from the people who use it everyday.

To join the forum send an e-mail to listserv@listserv.iupui.edu with the text "subscribe med-pda" (no quotes) in the body of the e-mail.

If you have any questions, contact Marc Kohli (MS-II) mkohli@iupui.edu or Mary Beth Nance, (Medical Student Academic Affairs) mnance@iupui.edu.

Women's health lecture on breast cancer

The IU National Center of Excellence in Women's Health November lecture will feature George Sledge, MD, speaking on "Medical Management of Breast Cancer." The presentation will be from noon to 1 p.m. Wednesday, Nov. 22 in the Cancer Research Institute auditorium.

CME/CEU credits are available.

Lunch is provided.

Reservations are not required, but questions may be addressed to Tina Darling at 630-2243.

Honors

Karl Bilimoria (MSII) has been selected to receive a 2001 Carmel (Calif.) Student Award from the American Federation for Medical Research. He will attend the Western Student Medical Research Forum to present his abstract "Thyroid Dysfunciton in Children With Type 1 Diabetes Mellitus: Screening Guidelines Based on a Retrospective Review."

Suzanne Bowyer, MD, has been named chairman of the American Board of Pediatrics Subboard on Pediatric Rheumatology. The subboard is responsible for developing and administering the test for board certification in pediatric rheumatology. Dr. Bowyer is associate professor of pediatrics, Omer Foust Scholar in Pediatrics and director of the Section of Pediatric Rheumatology.

Beverly Hill, EdD, has been elected president of the Association of Indiana Directors of Medical Education at the group's September meeting. Dr. Hill's term in office will be from 2000-20002.

David Warner (MS1) has been selected as the ninth recipient of the American United Life Otis R. Bowen, MD, Research Scholarship. The honor provides students with a four-year \$17,000 scholarship. Warner will work with a mentor from Otis R. Bowen Research Center to guide him through a research project, focusing on preventive care and disease prevention.

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November 27, 2000Volume 4, Number 19 • Indianapolis, Indiana

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- Ralph W. and Grace M. Showalter Research Trust funding
- Harris named to Letzter professorship
- IUSM programs seeking consumer materials
- Health delivery disparities topic of Bowen Research Center seminar
- Combined Seminar Series December schedule
- The Culture of Pain seminar topic
- IU Center for Sports Medicine offers two monthly seminars
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Ralph W. and Grace M. Showalter Research Trust funding

Since 1975, the Indianapolis campus of the Indiana University School of Medicine has received research funding through gifts made possible from the Ralph W. and Grace M. Showalter Research Trust Fund. The areas of appropriate biomedical research eligible for funding are broad and described by the benefactors as "the type of medical research that is most likely to permanently benefit mankind."

Applications for funding from the Ralph W. and Grace M. Showalter Research Trust will be reviewed in two stages by the Biomedical Research Committee at IUSM. An initial review will select the most meritorious proposals for further discussion and ranking. The BRC will provide a ranking of the proposals, which will be presented to the Showalter Trustees.

Applications for funding beginning July 1, 2001, must be received by the Dean's Office, IU School of Medicine, by **Jan. 3, 2001**. Submission of the original, thirty (30) complete sets, and an Institutional Route Sheet are required.

Only current faculty having a rank of assistant professor or assistant scientist are eligible to apply for funding from the trust.

Funds awarded this year are expected to be fully expended in FY 2001-02, or within the

approved award period if longer than one (1) year. However, if there is a need to carry over award funds beyond the initial award period, the awardee should be allowed a one (1) year extension after routing (internally only) a brief progress report and justification for the carry-over. Most awardees should be able to utilize the funds in a two (2) year period, but projects indicating a need to extend beyond a two-year completion will be reviewed on an 'as requested' basis. Also, if a funded investigator leaves the university during an approved funding period, the non-expended funds would be transferred to another qualified IUSM investigator, provided a brief progress report and justification are submitted.

Please see the attached Showalter guidelines for application submission.

Submitted by:
Ora Pescovitz, MD
Executive Associate Dean for Research Affairs

Showalter Trust general instructions

Current faculty having a rank of assistant professor or assistant scientist will be eligible to apply for funding.

Applications for Showalter funding (to begin July 1, 2001) must be received in the Dean's office, IU School of Medicine, Fesler Hall, Room 207, by **Jan. 3, 2001**. Applications will be reviewed by the Biomedical Research Committee at IUSM. Complete applications include: One (1) original Thirty (30) complete sets
Institutional Route Sheet

The original and each set must include the following:

- 1. The "Proposal To" cover sheet, which includes the title of the project, the name of the principal investigator, and the investigator's rank, department and address.
- 2. A one-page "Summary" that emphasizes the importance of the work in layman's terms. If the application is selected for presentation to the Showalter Trust, this summary will be forwarded to the Trustees. It replaces the abstract that is normally part of a grant proposal. It should be carefully written to explain the proposal to a wider audience.
- 3. A brief but carefully developed scientific proposal, which does not exceed eight pages, uses one-inch margins and font point sizes no smaller than NIH guidelines allow, and includes "Specific Aims," "Significance," "Research Plan," and a paragraph about "Future Direction." The independence of the investigator and proposal should be documented, and the proposal should not continue research funded currently as part of a larger group.

- 4. A budget and a one-page budget justification which also will be forwarded to the Showalter Trustees. The maximum budgetary request is \$60,000, which must include indirect costs calculated as 20 percent of direct costs (excluding equipment). The percent effort of the principal investigator to be funded by the proposal should be limited to no more than 10 percent. Funds should go primarily toward needed supplies and technical assistance. No salary for other faculty will be allowed.
- 5. A "Biosketch" of the principal investigator in NIH form, which includes a grant history and any pending proposals. Applicants with a current Showalter Award should provide a progress/status report.
- 6. A letter from the department chair that indicates support for the proposal and for the development of the research career of the faculty member.
- 7. Appendices are not permitted.

It is suggested that applicants ask senior colleagues to review and comment on the proposal before submission.

If your proposal is funded, a final narrative progress report, in layman's terms, is due within 60 days of the end of the grant year. The original narrative progress report and two (2) complete copies should be sent to the Dean's Office, School of Medicine (Institutional Route Sheet not required).

Showalter Trust budget instructions

The attached budget format should be used for Showalter Trust project budgets. The budget, which must include indirect costs calculated at 20 percent of direct costs minus equipment costs, should not exceed a total cost of \$60,000. Budget must be completed in accordance with the following:

I. SALARIES & FRINGES

A. Principal Investigator

The budget should identify the percent of full-time university effort (not to exceed 10 percent) devoted to the project and the amount of salary support requested. Salary not allowed for any other faculty.

B. Post-Doctoral Fellows/Graduate Research Assistants

The budget should indicate the number of post-doctoral fellows/graduate research assistants to be employed on the research project, the percent of effort each will devote to the project, and the equivalent salary and fringe amount requested from Showalter for each person.

C. Clerical, Technical, Service Support

The budget should indicate the type of support requested (i.e., clerical or service), the percent of full-time university effort requested for each clerical or secretarial position and the amount of funds requested.

D. Student Labor

The budget should identify the amount requested for student labor.

II. PERMANENT EQUIPMENT

Each item of permanent equipment requested should be separately identified along with its estimated cost, which must be at least \$1,000.

III. SUPPLIES AND EXPENSE

The budget should identify major supplies and expenses, including equipment costing less than \$1,000.

Harris named to Letzter professorship

Alon Harris, PhD, has been named the Letzter Professor of Ophthalmology at IUSM.

The chair was established in 1999 by the estate of Lois Letzter.

Dr. Harris joined the IUSM faculty in 1991 as a visiting assistant professor of physiology and biophysics and director of curricula, Bloomington Medical Sciences Program. In 1992, he was named assistant professor of physiology and biophysics and of ophthalmology at the Indianapolis campus and director of the Glaucoma Research and Diagnostic Center, Department of Ophthalmology. In 1997, he was named co-director of Age-Related Macular Degeneration Clinical and Research Center. In 1999, he became a professor of ophthalmology and of physiology and biophysics.

Among Dr. Harris' research areas are blood flow to the eye and novel ways to record that

blood flow.

IUSM programs seeking consumer materials

The Office of Public and Media Relations and the Office of Consumer Health Information will start a consumer health radio program and Web site in the spring. Staff are seeking health-related documents and other materials in any medium produced by faculty that are targeted to lay audiences.

A database will be created with information built on the expertise of the IUSM faculty. Since it is counterproductive to "reinvent wheels," staff are asking faculty to contribute any consumer-oriented health information. Please contact Eric Schoch, director of New Media, Consumer Health Information, at 274-8205 or eschoch@iupui.edu.

Health delivery disparities topic of Bowen Research seminar

Bowen Research Center's monthly research seminar, entitled "Eliminating Health Disparities: A Community-based Approach," will be presented from noon to 1 p.m. Tuesday, Dec. 5, in the IU Cancer Research Institute auditorium.

Nancy Jewell, MPA, special projects consultant for the Indiana Minority Health Coalition, will be the speaker.

A box lunch will be available for those who RSVP to vabele@iupui.edu or call 278-0320.

The IMHC is a statewide, grassroots organization whose mission is to ensure that race is not a factor in health care service delivery. The organization was established in 1992 and given the legislative responsibility of implementing Indiana's minority health initiative in 1994. Since its inception, IMHC has been funded to implement prenatal intervention, immunization, HIV/AIDS, child abuse prevention, teen pregnancy prevention and an array of chronic disease education and screening programs targeting various racial and ethnic minority communities throughout Indiana.

Combined Seminar Series December schedule

The Combined Seminar Series, meeting from 4 p.m. to 5 p.m. in the IU Cancer Research Institute auditorium, December schedule includes:

Dec. 6 -- David Strayer, professor of pathology, anatomy and cell biology, Jefferson Medical College, "Effective Gene Transfer Using Vectors Derived from SV40."

Dec. 13 -- Myles Brown, MD, associate professor of medicine, Dana-Farber Cancer Institute, "Dynamics of Estrogen Action."

Dec. 20 -- Walter Storkus, PhD, associate professor of surgery and molecular genetics and biochemistry, University of Pittsburgh School of Medicine. Title to be announced.

Dec. 27 -- No seminar due to the holiday.

The Culture of Pain seminar topic

The John Shaw Billings History of Medicine Society will present a lecture by Patrick Kiley, PhD, in the Ruth Lilly Medical Library, room 318, on Monday, Dec. 4. Refreshments will be served at 3:30 and the lecture will begin at 4 p.m.

Dr. Kiley, assistant professor of French at Marian College, will present "The Cult(ure) of Pain: Looking at the Present, Turning to the Past."

IU Center for Sports Medicine offers two monthly seminars

For sports medicine professionals:

Thursday, Dec. 7

7-8 a.m.

Sports Medicine Discussion Series: Concussion

National Institute for Fitness and Sport, 2nd floor boardroom

Breakfast will be available for those who RSVP to vabele@iupui.edu or call 278-0320.

- Does "heading" a soccer ball cause brain injury?
- What about neuropsychological testing?
- Can repeated mild concussions cause long term brain damage?

- Does the "second impact syndrome" exist?
- Why is there no universal acceptance of "return to play" guidelines?

Please join Douglas B. McKeag, MD, director, IU Center for Sports Medicine, as he discusses these and other concussion-related issues. CEUs are available.

For the Community:

Monday, Dec. 11

Noon- 1 p.m.

Sports Injuries - Head to Toe: Wrist/Hand/Fingers

Douglas B. McKeag, MD, director, IU Center for Sports Medicine

Kevin Gebke, MD, sports medicine fellow

National Institute for Fitness and Sport, Auditorium

A box lunch will be available for those who RSVP to vabele@iupui.edu or call 278-0320.

The hand, wrist and fingers are the most common body parts injured in sports for persons 5-14 years of age and the second-most injured area regardless of age. The injured tend to minimize these injuries because the wrist, hand and fingers are usually non-weight bearing and injury is initially not debilitating. However, these injuries can be devastating and lifelong.

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December 11, 2000

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- McKeag Named American United Life Professor in Preventive Medicine
- Kelley Named Simmons Professor of Pediatrics
- Call for records: Preserving history
- Two IUSM projects receive Telly Awards
- Honors
- Computer Equipment Available Through UITS
- Scientific Calendar online
- Submissions to Scope

McKeag Named American United Life Professor in Preventive Medicine

Douglas McKeag, MD, MS, has been named the American United Life Professor in Preventive Medicine at IUSM. The endowed chair was established by the AUL Foundation, Inc., and is to be is to be held by a faculty member at the IUSM Bowen Research Center.

Dr. McKeag is professor and chairman of the IUSM Department of Family Medicine and director of the IU Center for Sports Medicine at the National Institute for Fitness and Sport.

Research conducted by Dr. McKeag as the AUL professor will focus on how to change attitudes and behaviors that cause preventable health problems and the untimely loss of life.

Kelley Named Simmons Professor of Pediatrics

Mark Kelley, PhD, has been named the Jonathon and Jennifer Simmons Professor of Pediatrics.

The endowed position is in honor of the Simmonses, who funded the position through the

Riley Memorial Association to benefit research and clinical programs at the Herman B Wells Center for Pediatric Research. Jonathon Simmons survived childhood leukemia.

Dr. Kelley is a professor of pediatrics and of biochemistry and molecular biology and is associate director of the Wells Center, section of hematology/oncology. His research interests are the molecular biology and biochemistry of DNA repair and cancer, and the use of DNA repair genes during chemotherapy to protect normal cells.

Two IUSM projects receive Telly Awards

An IUSM video on smoking cessation and *Riley Today* have received prestigious Telly Awards.

Reversing Trends: Smoking Cessation Techniques for the Health Care Professional received a 2000 Telly Award. Production of the video was supported by the IUSM Nicotine Dependence Program Co-director Stephen Jay, MD.

Reversing Trends, a collaborative effort with Healthcare Excel, was researched and written by Anna McDaniel, DNS, of the IU School of Nursing. The video project was produced and directed by Diane Hook and edited by Norm Legge of Creative Services facility of the Medical Education Resources Program/Continuing Medical Education at IUSM.

The smoking cessation video also received a 1999 Video Communicator Award, a national award recognizing outstanding work in the communications field.

Riley Today, a videotape medical journal sponsored by the James Whitcomb Riley Hospital for Children, received a Bronze Telly Award.

Produced three times a year, Riley Today keeps 3,000 Indiana pediatricians and family practitioners informed of the latest advances in pediatric medicine and surgical care. The video journal is hosted by Patricia Keener, MD, and is produced by the Creative Services facility.

The Telly Awards were founded in 1980 to showcase and give recognition to outstanding non-network film and video productions.

Honors

Sharon Andreoli, MD, has been elected secretary/treasurer of the American Society of Pediatric Nephrology. ASPN was founded in 1969 to promote optimal care for children with renal disease and to disseminate advances in clinical care and basic science of pediatric nephrology. The organization's central office is located in the Herman B Wells Center for Pediatric Research at Riley Hospital.

Patrick Hagan, a first-year medical student at the Northwest Center for Medical Education in Gary, is the recipient of one of 20 scholarships awarded by the Fetzer Institute for the second national meeting on Relationship-Center Care.

David A. Williams, MD, has been awarded the William Dameshek Prize for his pioneering contributions to the field of retroviral-mediated gene transfer and human gene therapy. The prize, which was presented Dec. 5 at the meeting of the American Society of Hematology, is endowed by the late Dr. William Dameshek, a past president of the society and the original editor of *Blood*.

Computer Equipment Available Through UITS

IU negotiates "deals" on computer equipment available for office or personal use. Information on these offers is available through University Integrated Technology Services at http://computerguide.indiana.edu.

Scientific Calendar online

A comprehensive listing on IUSM seminars, lectures and Grand Rounds can be accessed at http://www.medlib.iupui.edu/calendar/. To place items on the *Scientific Calendar*, please forward them to Iona Sewell at impeui.edu.

In an effort to keep the electronic version of Scope as streamlined as possible, only seminars and lectures of general or multi-disciplinary interest will be printed.

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