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IUSM students earn summer pediatrics research fellowships

Two IUSM students from the Northwest Center for Medical Education have earned coveted fellowships through the American Pediatric Society, the Society for Pediatric Research and the National Institutes of Health.

Patrick M. Hagan will work with Dr. Lonnie Zelter in the Department of Pediatrics at the University of California - Los Angeles School of Medicine. **Kathleen O'Connell** will be doing research under the direction of Dr. Cynthia Cole, Department of Newborn Medicine, New England Medical Center/Tufts University School of Medicine.

The purpose of the Student Research Program is to encourage highly qualified medical students to consider careers in pediatric research. It is specifically designed for students seeking a research opportunity at a school other than their own. Students spend eight to 10 weeks working under the supervision of an experienced scientist in a laboratory conducting research related to pediatrics.

In 2001, the program received 150 applications and, following the review process, 45 students over 540 laboratories located in the United States and Canada.

were selected. The students chose a location for their research experience from a directory of

The laboratories of five IUSM researchers are among those involved with the program. They are Wade Clapp, MD, Mark Kelley, PhD, Ora Pescovitz, MD, Robert Tepper, PhD, and David Williams, MD.

During the summer of 2000, three IUSM students participated in the fellowship program. They are:

Vani Sabesan is a student at the Indianapolis campus. She worked with Dr. Bruce Shiramizu in the Department of Retrovirology Research Laboratory/HACTU at Leahi Hospital in Honolulu, Hawaii.

Vani submitted an abstract which was accepted by the Program Committee and she will be presenting her abstract entitled "Identification of Patient-Specific Primers to Assay Minimal Residual Disease in Pediatric Lymphoma" in a poster session related to Leukemia/Lymphoma on Sunday, April 29 at the PAS Annual Meeting in Baltimore, Maryland.

Eleanor A. Erwin, currently attending the Lafayette Medical Education Center, worked with Dr. Gary A. Silverman in the Department of Newborn Medicine at Children's Hospital in Boston.

Brian Ulmer, who is a student at Indianapolis campus, worked with Dr. Robert C. McEvoy in the Department of Pediatric

For additional information about the fellowship, contact Kathy Crews, student research program coordinator, at 281-419-0052 or student-research@aps-spr.org. Student applications and additional information can be found at <http://www.aps-spr.org>.

Seminar reviews study on motorists endangering school bus riders

A Bowen Research seminar on the legal measures in place to protect children riding school buses will be from noon to 1 p.m., Friday, April 20, in the Ruth Lilly Learning Center of the Riley Outpatient Center.

"Putting Children In Harm's Way: A Study on School Bus Stop-Arm Violations in Indiana" will be presented by Jeff Mathews, MPH, director, Automotive Safety Program.

Discussions will cover:

- What are the laws pertaining to stop-arm violations in Indiana?

- How big is the problem in Indiana?
- What is the rate of stop-arm violations in Indiana?
- What is the best way to measure stop-arm violations?
- What can be done to remedy the problem?

The Indiana University School of Medicine's Automotive Safety Program conducted studies in 1999 and 2000 to measure the prevalence of school bus stop-arm violations in Indiana. Despite steep fines and possible jail time, Indiana motorists put children at risk of injury or death each day by illegally passing school buses as they load and unload children.

Only a few other states have attempted to measure the prevalence of stop-arm violations. The Automotive Safety Program teamed up with WTHR-Channel 13 to conduct an investigative report on stop-arm violations. Results and video of this report will be shown as part of the presentation.

Those who RSVP to kcunning@iupui.edu or call 278-0312 will receive a boxed lunch.

Annual Child Care Conference -- May 16 and 17

Nationally recognized violence prevention expert Howard Spivak, MD, professor of pediatrics and community health at Tufts University School of Medicine, will be one of the speakers at the 36th Annual Indiana Multidisciplinary Child Care Conference, May 16 and 17, at the Omni Indianapolis North Hotel.

The conference is sponsored by the IUSM Department of Pediatrics, James Whitcomb Riley Hospital for Children and the Indiana Chapter of the American Academy of Pediatrics.

Dr. Spivak will present "Dying Is No Accident: Children, Violence and Violence Prevention" at the Children First Luncheon on Wednesday, May 16. He also will speak on Thursday, May 17. That presentation is entitled "Violence Prevention: The Role of the Physicians and Other Health Care Providers for Children.

Pre-registration by May 7 is preferred but not required. To register, contact Mary Ann Underwood, conference coordinator, at 317-274-0993 or June Dailey at 317-274-4034.

International symposium on neurodegeneration -- June 25

Experts on neurodegeneration from around the world will gather at IUSM June 25 to discuss prion diseases, Alzheimer disease and related disorders. The conference, sponsored by the Indiana Alzheimer Disease Center and IUSM will be from 8 a.m. to 5 p.m.

Physicians, nurses, veterinarians, psychologists and other health care professionals are invited to register early by contacting Linda Bailey, IUSM Division of Neuropathology at 317-274-7843.

Nominate a colleague for the AAMC Herbert W. Nickens Award

The Herbert W. Nickens Award is granted annually to an individual who has made outstanding contributions to promote justice in medical education and health care. The recipient will receive a \$10,000 award and will give the Nickens Memorial Lecture at the AAMC annual meeting.

This award was inaugurated in 2000. The first recipient was Donald Wilson, MD, vice president of medical affairs and dean, School of Medicine, University of Maryland.

The nomination packet must consist of eight collated sets to include:

- Nomination letter not to exceed five (5) pages. This letter should explain the nominee's qualifications for the award.
- A current CV for the nominee.

Nominations must be received in the AAMC office no later than May 15. Address all mail and inquiries to:

Winopa Young Mbakop

Herbert W. Nickens, M.D.

Award Division of Community and Minority Programs

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Indiana University School of Medicine Grants & Awards

February 1, 2001 - February 28, 2001

Project Director	Agency Grant Number Agency Type	Award Type	Title	Start/Stop	Total Award
Vincent H. Gattone	Polycystic Kidney Foundation	New Research	The Basis for Multiorgan Cystogenesis in Murine ARPKD	1/1/01 12/31/01	\$ 50,000
Peter J. Roach	NIH-NIDDK RO1 DK42576-10 -	Contin/Competing RESEARCH	Glycogen Metabolism & Signal Transduction in Yeast	2/01/01 11/30/01	\$285,879
Terry E. Reed	SRI INTERNATIONAL C-LO408 Non-Profit	Contin/Competing RESEARCH	CVD Risk Factors and Brain Morphology in NHLBI Twins	12/01/98 11/30/01	\$ 95,822
Meei-Huey Jeng	UNITED STATES ARMY DAMD17-97-1-7066 P10002	New Research 2/28/01	In Vivo Transcriptional Activation of Estrogen Receptor Target Genes: Differential Regulation in Mammary Gland, Uterus, and Bone	1/01/01 3/31/02	\$ 70,662
Xuening Chem	NATIONAL KIDNEY	New Research 2/28/01	Role of Sodium/Phosphate Co-Transport in Vascular Calcification in ESRD	2/28/01 2/27/02	\$ 10,000

Sharon M. Moe	NATIONAL KIDNEY	New Research 2/28/01	The Natural History of Coronary Artery Calcification in Renal Transplant Recipients	2/28/01 2/27/02	\$ 10,000
Veena B. Antony	NIH-NIAID RO1 AI37454-06A1	Contin/Competing RESEARCH	Monocyte Recruitment in Pleuropulmonary TB in AIDS	2/01/01 1/31/02	\$248,100
Mark D. Williams	CLARIAN HEALTH vfr-86	New Research 2/01/01	Stereotactic Body Radiotherapy for Early Stage Lung Cancer	2/01/01 1/31/03	\$100,000
John S. Fuqua	CLARIAN HEALTH vfe-53	New Instruction 2/01/01	A Pocket Rotation in Pediatric Endocrinology	2/01/01 1/31/01	\$ 80,000
Sandeep K. Gupta	CLARIAN HEALTH vfr-90	New Research 2/01/01	Treatment of Non Gastroesophageal Reflux-Related Eosinophilic Esophagitis: A Randomized, Prospective Study Comparing Prednisone and Fluticasone	2/01/01 1/31/03	\$ 98,558
Susan H. Ballinger	CLARIAN HEALTH vfr-90 Non-Profit	New Research 2/01/01	OSCE Evaluation of Core Clinical Competencies in Pediatric and Med-Peds Residents	2/01/01 1/31/02	\$ 36,414

Judith A. Richter	NIH R21 NS41162-01	New Research 2/13/01	Hyperglycemia-Induced Neuronal Sensitization	9/30/00 8/31/01	\$144,639
Michael R. Vasko	NIH-NINDS R01 NS34159-05	Contin/Competing RESEARCH 2/02/01	Eicosanoid Mechanisms Initiating Neurogenic Inflammation	12/15/00 11/30/01	\$324,225
Mark P. Cain	CLARIAN HEALTH vfr-95	New Research 2/01/01	Long Term Complications of Major Urinary Tract Reconstruction Associated with Alterations in Tissue Perfusion	2/01/01 1/31/03	\$ 96,775
Chinghai Kao	NIH RO1 CA8082501A2	New Research 2/09/01	Tissue-Specific Gene Therapy for Pulmonary Metastasis	1/04/01 12/31/01	\$283,286

Submissions to Scope

Scope wants your news items.

Scope is produced every two weeks. The deadline for submission is 8:30 a.m. on the Friday *Scope* is sent electronically to faculty, staff and students.

There are three easy ways to submit story ideas or information to *Scope*:

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