

SIU Med Students Complete Mentored Research Experiences

Twelve medical students at Southern Illinois University School of Medicine have completed their Mentored Professional Enrichment Experiences (MPEE).

The summer program is an SIU elective between the first and second years of medical school, designed as an opportunity for students to work with physicians or researchers at SIU or other medical campuses. Students give formal presentations about the experience to the medical school community this fall.

"With ten years of continuous support from the School of Medicine, select Year One medical students look forward to their eight-week clinical and/or basic science research exploration," explains Eric C. Niederhoffer, Ph.D., associate professor of biochemistry and molecular biology in Carbondale and program coordinator of the MPEE program. "We continue to receive very positive feedback from both students and their respective mentors."

The students, their project titles and their mentors are –

Timothy Ade, *Examine the Benefits of Vascularized Skin Substitutes Using Stro-1+ Adipocyte-Derived Adult Stem Cells and Keratinocytes Seeded onto MTF Acellular Dermal Membrane*, Michael Neumeister M.D., professor of surgery at SIU in Springfield; Ade is the son of David and Sharon Ade of Moline.

Shalini Bhattacharya, *Sleep Disturbance During the Menopausal Transition in a Multi-Ethnic Community Sample of Women*, Howard Kravitz, D.O., Rush University Medical Center in Chicago; Bhattacharya is the daughter of Sankar and Anuradha Bhattacharya of Champaign.

Bryan J. Glaenzer, *Primum Non Nocere: An Investigation into the Cytoprotective Effects of D-Methionine on Kidney Cells Treated with Iodinated Contrast Agents*, Bradley Schwartz, D.O., professor of surgery at SIU in Springfield; Glaenzer is the son of Larry and Cindy Glaenzer of Millstadt.

Michael G. Guignon Jr., *The Association of Electrocardiogram Low Voltage Myocardial Infarctions with Heart Failure and Poor Prognosis*, Stuart Frank, M.D., professor emeritus of internal medicine at SIU in Springfield; Guignon is the son of Mike and Patty Guignon of Belleville.

Anand Haryani, *The Survivors Taking Action and Responsibility (STAR) Research Project*, Aarati Didwania, M.D., Northwestern Medical Faculty Foundation in Chicago; Haryani is the son of Dr. Vijay and Paras Haryani of Bourbonnais.

Jeffrey A. Hassenflug, *Residential Assessment Instrument/Minimum Data Set Analysis of Nursing Homes in England*, Don Scott, M.D., associate professor of family and community medicine at SIU in Springfield, and John Gladman, M.D., Queen's Medical Centre, in Nottingham, England; Hassenflug is the son of David Hassenflug of Edwardsville and Kathy Hassenflug of Glen Carbon.

Kara L. McCoy, *Physical Activity and Psychosocial Outcomes for Breast Cancer Survivors: Factors Influencing Long Term Adherence to Physical Activity*, Laura Rogers, M.D., associate professor of internal medicine at SIU in Springfield; McCoy is the daughter of Carl and Patti Krause of Cullom.

Rosemary T. Owusu, *Effects of DEAF-1 on Cell Cycle and Apoptosis in Prostate Cancer Cells*, Jodi Huggenvik, Ph.D., associate professor of physiology at SIU in Carbondale; Owusu is the daughter of George Owusu of Bronx, N.Y., and Irene Pokuah of Ghana.

Aisha T. Pitts, *The Effects of Genotypes on the Brain, Specifically Child Behavior*, Lisabeth DiLalla, Ph.D., professor of family and community medicine at SIU in Carbondale;

Pitts is the daughter of Eldon Horton and Denetrice Hill, both of Chicago.

Michael R. Ruebhausen, *A Quantitative Comparative Analysis of Auditory Brainstem Response Electrode Arrays in Rattus Norvegicus*, Carol Bauer, M.D., professor surgery at SIU in Springfield; Ruebhausen is the son of Ron and Lori Ruebhausen of Highland.

Emily S. Tignor, *Apoptotic Potential of Peritonealcarcinomatosis after Hyperthermic Intraperitoneal Chemotherapy: Impact of Hyperthermic Intraperitoneal Chemotherapy on PPAR-Gamma and Apoptosis of Colon Cancer Cells, Potential Peritoneal Metastasis*, Sandra Shea, Ph.D., associate professor of family and community medicine at SIU in Carbondale, and Wolfgang Dubiel, Ph.D., and Beate Rau, Ph.D., Charité - Universitätsmedizin Berlin, Berlin, Germany; Tignor is the daughter of John and Sandy Tignor of Washington.

Amanda Velazquez, *Promoting Nutrition Education of Medical Students*, Reed Berger, M.D., University of Illinois Medical Center at Chicago; Velazquez is the daughter of Rudy and Nancy Velazquez of Oak Park.

Established in 1970, SIU School of Medicine is this year celebrating the 40th anniversary of its founding. The School's mission is to assist the people of central and southern Illinois in meeting their health needs through education, patient care, research and community service. Its Web site is www.siumed.edu and its main number is 217-545-8000.