About the Medical Student Research program

George Harrell, M.D., the founding dean of Penn State Hershey College of Medicine, established the Medical Student Research (MSR) program as an integral part of this medical school’s curriculum. It is a requirement for the M.D. degree. The MSR program gives each medical student an opportunity to participate in mentored medical research. Students gain an understanding of the research process, limitations and variability of data, and an application of research to clinical practice. The MSR program provides the Penn State medical student with a distinct enhancement of his/her application for residency and other postgraduate programs. MSR projects are usually initiated in the first two years but can be conducted later. Projects may be in the clinical, social, or basic medical sciences and may be conducted on campus or at approved off-campus sites, nationally or internationally.
Opening Remarks
Richard J. Simons, M.D.
Vice Dean for Educational Affairs, Professor of Medicine

Moderators
Michael F. Verderame, Ph.D.
Associate Dean for Graduate Studies, Professor of Medicine

Oral Presentations
Alexis DiSilvestro—Evaluation of Logistic Regression Reporting in Current Obstetrics and Gynecology Literature
Sponsor: Rafael Mikolajczyk, M.D., M.Sc.

Elisabeth Garwood—Fluvastatin Reduces Proliferation and Increases Apoptosis in Women with High Grade Breast Cancer
Sponsor: Anjali Kumar, M.D., M.P.H.

Stephen Gingrich—Tailoring Photopolymerizable Hydrogel Scaffolds for Bone and Cartilage Tissue Engineering Using Human Mesenchymal Stem Cells
Sponsor: Stephanie J. Bryant, Ph.D.

Katherine Rittner—LH Receptor Expression in Theca Cells of Women with Polycystic Ovary Syndrome
Sponsor: Jan M. McAllister, Ph.D.

Poster Presentations
Daniel Betterly—Inflammatory Mechanisms of Acute Kidney Injury in Diabetes
Sponsor: W. Brian Reeves, M.D.

Ray Bradford—Serial Radiography in Abusive Head Trauma: A Penn State Update
Sponsor: Mark Dias, M.D.

Matthew Jansen—Alleviation of Anxiety in the Pediatric Patient during a Voiding Cystourethrogram
Sponsor: Benjamin Levi, M.D., Ph.D.

Mirjana Jojic—Parent Perceptions of the Pennsylvania Growth Screening Program as a Motivator or Deterrent to Follow-up with Primary Care Physician
Sponsor: Teresa T. Kern, Ph.D.

Rita Shah—Does Ultrasound Influence the Bond Between Mother and Fetus?
Sponsor: Serdar H. Ural, M.D.

Natalie Swartzentuber—Effect of Naltrexone on Corneal Neovascularization
Sponsor: David Liang, M.D.

Sponsor: Nasrollah Ghahramani, M.D., M.S.

Lunch sponsored by the Department of Comparative Medicine.