Power Point presentations for the Department Research Rounds can now be found on the Department of Pediatrics and Human Development website. You may use the following link to locate them: http://phd.msu.edu/research/research-rounds.html

DEPARTMENT MEETINGS AND RESEARCH SEMINARS

- **Tuesday, January 21, 2014, Biostatistics Course for Clinicians:** Ira H. Gewolb, MD, Professor & Chief, Division of Neonatology; Associate Chair for Research, Department of Pediatrics & Human Development; Director, Neonatal Fellowship Training Program, “Comparing Two Groups: Continuous and Ordinal Data”, 2:30p.m – 4:00pm. RNICU Conference Room, Sparrow.

- **Thursday, January 23, 2014, Pediatric Grand Rounds -** There will be no Pediatric Grand Rounds. Grand Rounds will resume on January 30th.

OTHER DEPARTMENT MEETINGS AND RESEARCH SEMINARS

- **Monday, January 20, 2014, Annual Martin Luther King, Jr. Day Program:** David Newhouse, MD, MPH, MSU ’74, Kaiser Permanente & Institute for Culturally Competent Care; Tawara D. Goode, MA, Georgetown University, National Center for Cultural Competence; Sheryl McCalla, JD, American College of Rheumatology, The Lupus Initiative and Kimberly Papillon, Esq, Papillon Institute & Think Tank for the National Center for Cultural Competence, “The Impact of Conscious and Unconscious Bias in Health Care Delivery: Improving Health Outcomes for the Underserved.” 3:30pm – 5:00pm, 130 Secchia Center, Grand Rapids and Radiology Auditorium, East Lansing (the event will be broadcast). Please R.S.V.P. with location by January 17, 2014 at noon to Beth Dow at Bethany.dow@hc.msu.edu.

- **Tuesday, January 21, 2014, Biochemistry & Molecular Biology - Faculty Search Special Seminar:** Dr. Xueyang Feng, The University of Illinois, “Systems Metabolic Engineering of Yeast for Utilizing Pentose Sugar and Producing Fatty Acids-derived Chemicals”, 11:30am – 12:30pm. Room 1420 Biomedical and Physical Sciences Building.

- **Tuesday, January 21, 2014, Metabolism, Membranes, and Metalloenzymology (3M Interest Group):** Kristen Entwistle, “Glucose Metabolism in GLUT1 Containing Cells Altered by Addition of C Peptide and Zinc”, 12:00p.m. Room 1400 Biomedical & Physical Sciences Building.

- **Tuesday, January 21, 2014, Microbiology & Molecular Genetics:** Dr. Meghan Duffy, PhD, The University of Michigan, “Eco-Evolutionary Dynamics of Host-Parasite Interactions”, 4:10p.m. 1415 Biomedical & Physical Sciences.

- **Thursday, January 23, 2014, Biochemistry & Molecular Biology Colloquium Series Seminar:** Gilles Basset, University of Nebraska, “A System Biology APPROACH TO Elucidating the Metabolism of Terenoid Quinones Throughout the Tree of Life”, 11:30am – 12:30pm. 101 Biochemistry Bldg.
Thursday, January 23, 2014, Pharmacology & Toxicology - Dissertation Seminar: Kate O’Brien, Dual-Degree Doctoral Candidate, Pharmacology & Toxicology and the Center for Integrative Toxicology, “Elucidation of the Mechanisms of Interaction Between Bile Acids and the Interleukin-23/Interleukin-17 Axis During Cholestasis”, 12:00p.m - 1:00pm. B448-9 Life Science Bldg.

Thursday, January 23, 2014, IAMSE Webcast Audio Seminar Series Sponsored by OMERAD - Practical Applications of Active Learning: “A Pedagogically Driven Redesign to Fulfill Medical Education’s Social Contract”, 12:00p.m - 1:00pm. A216 East Fee Hall (bring your own lunch).

Current – April 14, 2014, The MSU Rally for Research - Mini Car. Giant Cause: The Michigan State University College of Human Medicine is raffling off a 2013 MINI Cooper, with all proceeds going toward the purchase of a highly sophisticated electronic device researchers will use to unravel the mystery of Parkinson's and other diseases. Think of it as a Rally for Research.

The sporty two-door sedan, imported from Britain and painted MSU green and white, will be raffled off at $100 a ticket with one hundred percent of proceeds going toward the purchase a laser scanning confocal microscope. That device, more advanced than any now used by the Grand Rapids-based researchers, will help the College of Human Medicine's neuroscience team discover what happens inside brain cells that causes Parkinson's, Alzheimer's and other neurological diseases.

George Sharpe, owner of four Grand Rapids auto dealerships, offered to underwrite the cost of purchasing the MINI Cooper, which is displayed at his MINI of Grand Rapids, 1010 28th St. SE, as well as at events around town. Raffle tickets are $100 each and may be purchased at MINI of Grand Rapids or online at msurally4research.com.

The raffle will end April 14, and the drawing will be held at 7 p.m. that day at MINI of Grand Rapids. The College of Human Medicine is limiting ticket sales to 2,500, enough to cover the cost of the laser scanning confocal microscope.

"The confocal microscope uses a laser beam to focus on cells, giving a much clearer image than less-advanced devices, as well as three-dimensional images," said Jack Lipton, chair of the College of Human Medicine's Translational Science and Molecular Medicine Department. "It will allow researchers to look at proteins in brain cells and understand how they interact and thereby target the proteins involved in causing degeneration," Lipton said. "Such information not only can hold clues to better treatments for Parkinson's and Alzheimer's, but for many other diseases, including cancer, as well as traumatic brain injuries," he said.

Sharpe, diagnosed four years ago with Parkinson's, is a member of the Translational Science and Molecular Medicine Department's Community Engagement Board. He offered to support the raffle, because the laser scanning confocal microscope can help MSU's researchers develop better treatments for the nearly one million Americans and seven million worldwide afflicted with Parkinson's, as well as those who will be diagnosed in the future.
SAVE THE DATE

- **Tuesday, January 28, 2014**, Biostatistics Course for Clinicians: Ira H. Gewolb, MD, Professor & Chief, Division of Neonatology; Associate Chair for Research, Department of Pediatrics & Human Development; Director, Neonatal Fellowship Training Program, “Comparing Two Groups: Nominal Data”, 2:30p.m – 4:00pm. RNICU Conference Room, Sparrow.

- **Thursday, January 30, 2014**, Pediatric Grand Rounds - Faculty Development Presentation: William Anderson, PhD, Professor, Office of Medical Education Research and Development, College of Human Medicine, Michigan State University, “Addressing the Mentoring Needs of Clinician Educator Faculty”. 8:00am – 9:00am, Sparrow Hospital Auditorium.

- **Thursday, January 30, 2014**, IAMSE Webcast Audio Seminar Series Sponsored by OMERAD - Practical Applications of Active Learning: “Practical Tips for Active Learning in Large Scale Classrooms”, 12:00p.m – 1:00pm. A216 East Fee Hall (bring your own lunch).

- **Friday, January 31, 2014**, Respiratory Research Initiative Seminar: Dr. Jack Harkema, Michigan State University, “The Interface of Health Effects Caused by Air Pollutants and the Metabolic Syndrome (EPA Clean Air Research Center Update)”, 11:30a.m – 1:00pm. Room 162 Food Safety and Toxicology Building.

- **Tuesday, February 5, 2014**, Biostatistics Course for Clinicians: Ira H. Gewolb, MD, Professor & Chief, Division of Neonatology; Associate Chair for Research, Department of Pediatrics & Human Development; Director, Neonatal Fellowship Training Program, “Comparing More Than Two Groups of Continuous Data: Analysis of Variance”, 2:30p.m – 4:00pm. RNICU Conference Room, Sparrow.

- **Thursday, February 6, 2014**, IAMSE Webcast Audio Seminar Series Sponsored by OMERAD - Practical Applications of Active Learning: “MOOCS and health Sciences Education: Hype or Disruption?” 12:00p.m – 1:00pm. A216 East Fee Hall (bring your own lunch).

- **Tuesday, February 11, 2014**, Biostatistics Course for Clinicians: Ira H. Gewolb, MD, Professor & Chief, Division of Neonatology; Associate Chair for Research, Department of Pediatrics & Human Development; Director, Neonatal Fellowship Training Program, “Comparing More Than Two Groups of Non-Parametric Data”, 2:30p.m – 4:00pm. RNICU Conference Room, Sparrow.

- **Tuesday, February 18, 2014**, Biostatistics Course for Clinicians: Ira H. Gewolb, MD, Professor & Chief, Division of Neonatology; Associate Chair for Research, Department of Pediatrics & Human Development; Director, Neonatal Fellowship Training Program, “Correlation: Continuous and Ordinal Data”, 2:30p.m – 4:00pm. RNICU Conference Room, Sparrow.

- **Thursday, February 20, 2014**, Research Coffee Breaks: “Export Controls on Research”. 3:00p.m. – 4:00p.m. Main Library North Conference Room, 4th Floor.

- **Friday, February 21, 2014**, Respiratory Research Initiative Seminar: Melissa Bates, Michigan State University, “Dietary Intervention with HAD Inhibits Silica-Exacerbated SLE”, 11:30a.m - 1:00pm. Room 162 Food Safety and Toxicology Building.

- **Tuesday, February 25, 2014**, Biostatistics Course for Clinicians: Ira H. Gewolb, MD, Professor & Chief, Division of Neonatology; Associate Chair for Research, Department of Pediatrics & Human Development; Director, Neonatal Fellowship Training Program, “Association/ Correlation Nominal Data”, 2:30p.m – 4:00pm. RNICU Conference Room, Sparrow.

- **Wednesday, March 19, 2014**, 13th Annual Pediatric Research Day: New Frontiers in Pediatrics. Dr. Susan B. Shurin, MD, Deputy Director, National Heart, Lung, and Blood Institute, National Institutes of Health, “Pediatric Academics in the 21st Century”; Dr. Paul B. McCray, MD, Professor of Pediatrics, Microbiology and Internal Medicine; Vice Chair of Pediatrics Research Roy J. Carver Chair in Pulmonary Research, The University of Iowa, “Genetic Approaches to Restoring CFTR Function”; and Dr. Steven E. Lipshultz, MD, FAAP, FAHA, Professor and Chair, Department
of Pediatrics, Wayne State University; Pediatrician in Chief, Children’s Hospital of Michigan, Detroit Medical Center, “Optimizing Lifespan Health in the Transition from a Potentially Fatal Childhood Illness to Effective Chronic Disease Management: The Role of Gene-Based Personalized Cardioprotection in the Cardiotoxicity with Childhood Cancer Story”. 8:00am – 4:45pm, The Breslin Student Events Center, Michigan State University.

- Thursday, March 27, 2013, Graduate Medical Education, Inc: 9th Annual Mid-Michigan Regional Research Day. 7:30am – 1:00pm, The University Club, East Lansing, MI.
Bringing Literacy to the Underserved in Our Community

We are conducting a book drive to collect new or gently used children’s books (ages 6 months to 5 years). The Reach Out and Read Program is a nationwide nonprofit organization dedicated to promoting early childhood literacy. Our Sparrow Pediatric Residency program and MSU has been associated with Reach Out and Read for many years now. We strive to promote early literacy for the children of our community by handing out books at their well visits and discussing the importance and benefits of reading aloud with the parents. The books collected from this drive will be distributed to our underserved population (53% Medicaid) at their well visits by our medical providers.

We are also accepting monetary donations along with this book drive. Any amount you feel you can contribute to support this program is deeply appreciated. Every dollar makes a difference, and goes directly to the purchase of age appropriate books.

Putting Things in Perspective:

$10: will buy 4 books - (equivalent to 3 coffee lattes)
$20: will buy 8 to 10 books - (equivalent to 2 movie tickets)
$50: will buy 25 books - (equivalent to 1-2 video games)

Checks can be made payable to: Michigan State University and mailed to Kripa Thakur/ Jessica Gengler, A110 Clinical Center, 804 Service Rd, E.Lansing MI 48824.

Contacts:

Kripa Thakur, M.D. Email address: kripa.thakur@ht.msu.edu
Jessica Gengler, D.O. Email address: jessica.gengler@ht.msu.edu
Dania Al-Hamad, M.D. PGY2 Email address: dalhamad84@gmail.com

If you would like to drop off books at the Life Science Building, boxes have been placed in B240 (main office) as well as in B139 (the front of Olga Olowolafe’s office). Checks can be mailed as instructed above or dropped off with Michelle Volker in B136 Life Science.

Thank you for supporting this important literacy initiative!

We deeply appreciate your generosity. It truly takes a village to support the growth of our underserved youth.