2017 HEALTH SCIENCES RESEARCH WEEK
PEDIATRIC RESEARCH

WEDNESDAY, APRIL 19
Postdoctoral Fellows, Faculty and Staff
### SCHEDULE OF EVENTS

#### TUESDAY, APRIL 18

- **10:15 — 11:15am |** East Room, UIHC (8th Floor, JCP)
  - Paul Rothman, MD | Johns Hopkins Medicine
  - *The Interplay of Technology in 21st Century Medicine*

- **12:00 — 1:15pm |** Prem Sahai Auditorium (1110 MERF)
  - Jeffery Molkentin, PhD | University of Cincinnati
  - *Mitochondrial calcium regulatory genes, cell death and metabolism in heart and skeletal muscle*

- **1:30 — 2:30pm |** East Room, UIHC (8th Floor, JCP)
  - Richard Gregory, PhD | Harvard Medical School
  - *RNA Regulation in Stem Cells and Disease*

- **1:30 — 3:30pm |** MERF Atrium
  - **Poster Session | Graduate, Medical, PharmD Students**

- **4:00 — 6:00pm |** EMRB Atrium
  - **Poster Session | Pediatrics Research Day**

#### WEDNESDAY, APRIL 19

- **12:00 — 1:00pm |** Medical Alumni Auditorium (E331 GH)
  - **Faculty TED Talks**

  - Vinit Mahajan, MD, PhD | Clinical Assistant Professor of Ophthalmology
    - *Real-Time Drug Repositioning Using Personalized Proteomics*

  - Richard Smith, MD | Director, Iowa Institute of Human Genetics
    - *Do You Hear What I Hear?*

  - Joseph Zabner, MD | Professor of Internal Medicine
    - *Evolution in a Test Tube for Gene Therapy of Cystic Fibrosis*

- **1:30 — 3:30pm |** MERF Atrium
  - **Poster Session | Graduate, Medical, PharmD Students**

#### THURSDAY, APRIL 20

- **12:00 — 1:00pm |** Prem Sahai Auditorium (1110 MERF)
  - Wendy Chung, MD, PhD | Columbia University
    - *Precision Pediatrics Powered by Genomics*

- **1:00 — 2:00pm |** MERF Atrium
  - **Awards Reception**

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A searchable database of submitted research week poster titles and authors is available through the event website: [www.medicine.uiowa.edu/researchweek](http://www.medicine.uiowa.edu/researchweek)

Poster competition winners and event photos will be available on the web on Friday, April 21.
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<td>“Arginine vasopressin acts directly upon human placental trophoblasts to elicit calcium responses”</td>
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<td>“The role of Bbs8 in rods and the retinal pigmented epithelium”</td>
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<td>“Med12 is an essential, early regulator of adipogenesis”</td>
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<td>Stacy Kern, Mark Frey, Huiyu Gong, David Meyerholz, John Swain, Melissa H Wong</td>
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<td>“DITHIZONE INDUCES PANETH CELL DISRUPTION THROUGH AUTOPHAGY AND NOT CELLULAR NECROSIS”</td>
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<td>“TXLNB Regulates Protein Production During Cardiac Stress”</td>
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<td>“RhoBTB1 is a Novel Gene Protecting Against Hypertension”</td>
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<td>Mercy Rajesh, Deng Guo, Kamal Rahmouni</td>
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<td>“Role of BBS proteins in insulin receptor trafficking and signaling”</td>
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<td>Eva N Rodriguez Cruz, Donald A Morgan, Kevin C Davis, Kenji Saito, Brandon A Toth, Eduardo III Martinez</td>
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<td>“Lateral Hypothalamic Regulation of Energy Homeostasis and Sympathetic Outflow: The Role of Leptin and Melanocortin Signaling”</td>
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| 26 | **Kathryn Harmoney** | Arun Modi  
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| 27 | **Ryan Kolb** | Paige N. Kluz, Tan Zhen Wei, Nicholas Borman, Nicholas Borcherding, Kathleen R Markan  
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| 28 | **Nicole Merritt** | Colleen Fullenkamp, Sarah Hall, Benjamin Miller, Mohammed Mihem, Munir Tanas  
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| 29 | **Aaron Seaman** | Kimberly Dukes, Richard M Hoffman, Alan Christensen, Miriam Vélez-Bermúdez, Nicholas Kendell  
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| 30 | **Umesalma Shaikamjad** | Ryan M Sheehy, Jussara Hagen, Fenghuang Zhan, Thomas M O’Dorisio, James R Howe  
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| 33 | **Meredith Ginn** |  
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| 35 | **Mark W Chapleau** | Rasna Sabharwal, Ramzi N El Accaoui, Robert M Weiss, Melissa K Davis, Francois M Abboud  
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| 36 | **Frank Faraci** | T Michael De Silva, Mary L Modrick  
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| 40 | **Larry N Agbor** | Anand Nair, Jing Wu, Deborah R Davis, Henry L Keen, Frederick W Quelle  
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| 44 | **Lin Lu** I Nick Andresen, Thomas O Moninger, Lynda S Ostedgaard, Michael J Welsh  
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| 45 | **Anand Nair** I Larry N Agbor, Masashi Mukohda, Chunyan Hu, Jing Wu, Curt D Sigmund  
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| 54 | Amaris Hanson | Jamie Smelser  
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| 55 | Gina M Morgan | William J Kutschke, Daniel S Matasic, Michael W Epperly, Joel S Greenberger, Jin-Young Yoon  
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| 56 | Yihui Wang | Biyi Chen, Ang Guo, Cheng Chen, Rong Chen, Chun-Kai Huang  
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| 59 | Daniel Miller | Priyanka Vakkalanka, Mark Moubarek, Sangil Lee, Nicholas Mohr  
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| 62 | **Ginny Ryan** I Kenda Stewart, Anne Sadler, Michelle Mengeling, Carrie Franciscus, Jim Torner  
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| 65 | **Kate Robb** I Marcy Rosenbaum  
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| 66 | **Baiba Steinbreker** | Robert D Roghair  
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| 67 | **Brianne K Bakken** I Michael J Brownlee, David B Weetman  
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| 68 | **Eva Coulson** I Lee Kral, Jamie Smelser  
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| 69 | **Jessica Dizon** I Courtney Gent, Shane Sedenka, Lisa Mascardo  
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| 70 | **Lisa Dykes** I Shannon Heintz, Brett Heintz, Daniel Livorsi, Jason Egge, Brian Lund  
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| 74 | Jonathan R Linder | Nancee V Waterbury, Bruce Alexander, Brian C Lund  
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| 80 | Cassie Goedken | Dan Livorsi, Mark Vander Weg, Michael Sauder, Heather Schacht Reisinger  
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| 84 | Melissa A Ward | Alexandre Rodrigues Marra, Thomas Collins, Johnson Ding, Loreen Herwaldt  
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| 88 | Jack Stapleton | Nirjal Bhattarai, James H McLinden, Jinhua Xiang, M Maleah Mathahs, Warren Schmidt  
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| 89 | Withdrawn |
| 90 | Jennifer Berger | Huiyu Gong, Steve McElroy  
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| 95 | **Ann Miller** I Jenna M McCracken, Lee-Ann Allen  
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| 98 | **Adam J Rauckhorst** I Lawrence R Gray, Ryan D Sheldon, Xiaorong Fu, Alvin D Pewa, Charlotte R Feddersen  
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| 99 | **Sabrina M Scroggins** I Donna A Santillan, Jenna M Peterson, Kathryn J Huber-Keener, Eric J Devor, Lindsay K Gravatt  
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| 102 | **Rachel Dyke** | Elizabeth Amelon, Ghada Abusin  
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| 108 | **Qian Dong** | Viral S Shah, Xiaoxiao Tang, David Meyerholz, Lynda S Ostedgaard, Michael J Welsh  
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| 110 | **Ryan Lee** | Kelly Messingham, Samantha Aust  
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| 112 | Hong Wang I Craig T Morita  
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| 113 | Jinhua Xiang I James H McLinden, Nirjal Bhattarai, Jack T Stapleton, Qing Chang, Thomas M Kaufman  
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| 114 | Mona K Garvin I Qingyang Su, Jui-Kai Wang, Mohammad Saleh Miri, Victor A Robles  
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| 115 | Brandon Rea I Aaron Fairbanks, Bennett Robertson, Cameron Brown, Jayme Waite, William Castonguay  
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| 116 | Mark A Yorek I Eric P Davidson, Lawrence J Coppey, Hanna Shevalye, Alexander Obrosova, Randy H Kardon  
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| 117 | Javier Gomez I Pablo Nakagawa, Keisuke Shinhara, Donald A Morgan, Benjamin J Weidemann, Matthew D Folchert  
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| 118 | Subhash C Gupta I Rebecca J Taughher, Ali Ghobbeh, Rong Fan, Ryan T Lalumiere, John A Wemmie  
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| 120 | Levi Sowers I Brandon Rea, Rebecca Taughher, Young-cho Kim, John Wemmie, Andrew Russo  
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| 122 | Kevin Vervier | Iman Dehzangi, Jacob Michaelson  
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