

***Van Liere Research Conference***

**March 22 and 23, 2018**

Plenary Lecture

March 23, 2018

12:00 PM – 1:00 pm

**Scientific Misadventures: Learning from the Past**

**Paul Offit, MD**

Maurice R. Hileman Professor of Vaccinology

Professor of Pediatrics at the Perelman School of Medicine, University of Pennsylvania

Director, Vaccine Education Center and

Professor of Pediatrics in the Division of Infectious Diseases at the Children’s Hospital of Philadelphia

***Live Webcast*** – Lunch boxes available for the first 100 in attendance

**Full Agenda**

**March 22,2018**

*Fukushima Auditorium*

**8:30 am Clinical Translational Science Oral Presentations \****CE*

**10:20 am** *Break*

**10:30 am - Basic Science Oral Presentations \****CE*

**12:00 pm**

*Pylons Lobby, Learning Center Commons*

**3:00 pm Undergraduate Research Poster Session**

**4:30 pm - Graduate Education at WVU Networking**

**March 23, 2018**

*Pylons Lobby, Learning Center Commons*

**8:30 am - Poster Session**

**11:45 am**

*Okey Patteson Auditorium*

**12:00 pm Plenary Lecture \****CE*

**1:15 pm - Awards Ceremony**

**1:50 pm**

*Pylons Lobby, Learning Center Commons*

**2:00 pm - Reception, Meet & Greet, Book Signing**

**4:00 pm**

**Target Audience:** Faculty, Residents, Nursing Professionals, Medical Students, and Graduate Students.

**Conference Objectives:** By attending this conference, participants should be able to:

* Discuss and apply new research connected to health and outcomes
* Recognize new technologies and how to apply new technological advances to patient care
* Discuss new technology and/or fundamental research as it relates to clinical and translational science, public health, basic science, and epidemiology and health outcomes.

**\* Continuing Education Credit:**

**Physicians**: The West Virginia University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The WVU Office of CME designates this live activity for a maximum of 4.25 *AMA PRA Category 1 Credits*TM. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Nurses**: This continuing education activity has been provided by the West Virginia University School of Nursing for 5.2 contact hours. The West Virginia University School of Nursing is an approved provider of continuing education by the State of West Virginia Board of Examiners for Registered Professional Nurses, Legislative Rule § 19CSR11-4 under provider number WV1996-0120RN.

**Disclosure:** All those in a position to control content of this program have indicated that they have no relevant interests to disclose.

*For more information, contact Holly Legleiter@ hlegleiter@hsc.wvu.edu, 304-293-7207.*

**Oral Presentations - March 22, 8:30am**

**Clinical & Translational Science, Epidemiology**

Makenzie Barr

*Masters Student*

Animal Nutritional Science

**“Bariatric Surgery Effectiveness in a Health Disparate Appalachian Population”**

Advisor: Melissa Olfert

Daniel Bravin

*Clinical Fellow/Resident*

Orthopedic Surgery

**“A Prospective Randomized Controlled Trial comparing Immediate Weight Bearing Versus Touch-Down Weight Bearing in Extra-Articular Distal Femur Fractures”**

Advisor: Michelle Bramer

David McDermott

*Clinical Fellow/Resident*

Radiation Oncology

**“Tumor Cavity Recurrence after Stereotactic Radiosurgery of Surgically Resected Brain Metastases: Implication of Deviations from Contouring Guidelines”**

Advisor: John Vargo

Charles Mosimah

*Graduate Student*

Clinical and Translational Science

**“Relationship Between Insulin Resistance and Triglyceride/HDL-C ratio, and Triglyceride/LDL-C ratio in a group of 5th grade Students”**

Advisor: James Simpkins

Rahul Patel

*Clinical Fellow/Resident*

Internal Medicine

**“Development of high sensitivity screening for assessing individual level risk for peripheral arterial disease”**

Advisor: Abbas Ali

Daniel Vanderbilt

*MD/PhD Student*

MD/PhD, Graduate Medical Education

**“Hypoxic gene expression defines novel tumor subtypes in glioblastoma”**

Advisor: John Varga/Michael Ruppert

Xiohui Zhao

*Graduate Student*

Health Services and Outcomes Research

**“Incremental Medical Expenditure of Comorbid Depression and Anxiety Disorders among Adults with Arthritis in the United States”**

Advisor: Usha Sambamoorthi

**Oral Presentations - March 22, 10:30am**

**Basic Science**

Alaeddin Abukabda

*Graduate Student*

Cellular and Integrative Physiology

**“Group II Innate Lymphoid Cells Mediate the Microvascular and Reproductive Effects of Pulmonary Nanoparticle Exposure”**

Advisor: Timothy Nurkiewicz

Jessica Allen

*Graduate Student*

Cancer Cell Biology

**“Coronin 1B Overexpression Enhances HNSCC Patient Decline by Influencing Invasion and Tumor Cell Contractility”**

Advisor: Scott Weed

Ashley Brandebura

*Graduate Student*

Biochemistry and Molecular Biology

**“Single Cell Transcriptional Characterization of a Developing Neural System”**

Advisor: George Spirou

Jessica Clemente

*Graduate Student*

MD/PhD/Neuroscience

**“Novel Roles for JNK Signaling in Cerebral Cortex Formation”**

Advisor: Eric Tucker

Emel Sen Kilic

*Graduate Student*

Immunology and Microbial Pathogenesis

**“Novel Peptide-based FpvA Conjugate Vaccine Against Pseudomonas aeruginosa Respiratory Infections”**

Advisor: Mariette Barbier

Katie Roach

*Graduate Student*

Pharmaceutical & Pharmacological Sciences

**“Surface area- and mass-based comparison of lung toxicity and allergic exacerbation in an ovalbumin asthma model following pulmonary exposure to fine and ultrafine nickel oxide”**

Advisor: Jenny Roberts

Ashley Russell

*Graduate Student*

Neuroscience

**“Cytokine-induced exosomes contain distinct microRNA profiles and enhance mitochondrial function in recipient cells”**

Advisor: James Simpkins