



Division of Health Sciences:

## *Ignite Research Colloquium*

Monday, February 10, 2014

Hallie E. Ford Center for Healthy Children & Families, Room 115

### Agenda

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| 1:00        | Lunch  |
| 1:30        | Welcome on behalf of the Deans<br><br>Tammy Bray<br>College of Public Health & Human Sciences<br><br>Susan Tornquist<br>College of Veterinary Medicine |
| 1:45 – 3:00 | Session I- Moderator: Mark Leid<br>Associate Dean for Research, College of Pharmacy  |
| 3:00 – 3:30 | Break  |
| 3:30 – 4:45 | Session II – Moderator, Mark Leid<br>Associate Dean for Research, College of Pharmacy  |
| 4:45 – 6:00 | Reception and Networking   |

## Session I

(1:45 - 3:00 pm)

**Benjamin “BJ” Philmus, Assistant Professor, College of Pharmacy**

*Secondary Metabolites of Bacterial Origin*

**Patrick Chappell, Assistant Professor, College of Veterinary Medicine**

*The Clock on Steroids: The Role of Endogenous Oscillators in Reproduction and Cancer*

**Ana Lu Fonseca, Extension Faculty, College of Public Health & Human Sciences**

*Culturally Relevant Outreach*

**Jane Ishmael, Associate Professor, College of Pharmacy**

*OSU Natural Products as Probes for the Study of Autophagy and Cell Death*

**Shay Bracha, Assistant Professor, College of Veterinary Medicine**

*Developing Biomarker Assays for Diagnosing Transitional Cell Carcinoma in Canine Urine*

**Perry Hystad, Assistant Professor, College of Public Health & Human Sciences**

*Ideas and Opportunities for Environmental Health Research in a Global Context*

**Arup Indra, Associate Professor, College of Pharmacy**

*The Melanoma Zoo*

**Jean Hall, Professor, College of Veterinary Medicine**

*Health Benefits of Agronomic Biofortification with Selenium*

**JK Yun, Associate Professor, College of Public Health & Human Sciences**

*3M: Measurement, Method, and Mechanism*

**Sandra Loesgen, Assistant Professor, Dept. of Chemistry, College of Science**

*Natural Products in Drug Discovery - from Microbes to New Antiviral Chemistry*

**Stephen Ramsey, Assistant Professor, College of Veterinary Medicine**

*An Integrative Computational Systems Biology Approach to Mapping Gene Regulatory Networks in Macrophages*

**Daniel Rackham, Assistant Professor, College of Pharmacy**

*Acid Suppressive Therapy in Hospitalized Patients*

**Jennifer Warnock, Assistant Professor, College of Veterinary Medicine**

*Meniscal Tissue Engineering*

**Oleh Taratula, Assistant Professor, College of Pharmacy**

*Development of Multifunctional Nanomedicine Platforms for Combinatorial Treatment of Cancer*

## Session II

(3:30 - 4:45 pm)

**Jocelyn Warren, Asst. Prof. (Sr. Res.), College of Public Health & Human Sciences**

*Opportunities for Public Health in Health Care Transformation*

**John Molitor, Associate Professor, College of Public Health & Human Sciences**

*Modeling of Nutrition Mixtures and their Associations with Blood Pressure*

**Natalia Shulzhenko, Assistant Professor, College of Veterinary Medicine**

*Immune and Metabolic Conversations with our Extended Genome - The Microbiome*

**Jeff Bethel, Assistant Professor, College of Public Health & Human Sciences**

*Conducting Research as Part of a Public Health Emergency Response*

**Claudia Hase, Associate Professor, College of Veterinary Medicine**

*Lateral Flow Immunoassay (Dipstick) Detection of Pathogens*

**Andres Houseman, Associate Professor, College of Public Health & Human Sciences**

*Methods in Epigenetic Epidemiology: Adjusting for Cell Mixture in Epigenomewide Association Studies*

**Jan Medlock, Assistant Professor, College of Veterinary Medicine**

*Optimizing Influenza Vaccine Allocation*

**Urszula Iwaniec, Associate Professor, College of Public Health & Human Sciences**

*Alcohol and Bone*

**Taifo Mahmud, Professor, College of Pharmacy**

*Natural Products-Based Drug Discovery*

**Michelle Odden, Assistant Professor, College of Public Health & Human Sciences**

*Cardiovascular Disease Prevention in the Very Old: The Emperor has no Clothes!*

**Russell Turner, Professor, College of Public Health & Human Sciences**

*Mast Cells*