

# **SSPPS Research Retreat**

**January 8, 2015**

**Martin Johnson House, SIO**

**7:15 – 8:00 am**      **Continental Breakfast and Slide Files for Computer Laptop**

**8:00 – 8:10 am**      **Introduction: Goal of Retreat**  
*Vivian Hook and Dean James McKerrow*

**8:10 – 9:10 am**      **Group 1 Clinical Faculty Presentations**  
*Chairs: Jan Hirsch and Joe Ma*

*Therapeutic Areas:*

8:10 am	Eduardo Fricovsky	Diabetes, Ambulatory Medicine
8:15	Sarah McBane	Family Medicine, Diabetes, Women's Health
8:20	Nathan Painter	Family Medicine, Diabetes
8:25	Candis Morello	Diabetes
8:30	Renu Singh	Diabetes, Ambulatory Medicine
8:35	Ila Saunders	Hematology/Oncology
8:40	Linda Awdishu	Kidney Diseases and Transplantation
8:45	Shirley Tsunoda	Liver Transplantation, Drug Metabolism/PK
8:50	Rabia Atayee	Pain and Palliative Care
8:55	Joe Ma	Pain and Palliative Care, Drug Metabolism
9:00	Felix Yam	Cardiology, Acute/Critical Care

**9:10 – 9:20 am**      **Q & A, Discussion**

**9:20 – 10:20 am**      **Group 2 Pharmaceutical Sciences Faculty Presentations**  
*Chairs: Bill Gerwick and Dong Wang*

*Therapeutic Areas:*

9:25 am	Asa Gustafsson	Cardiovascular Research
9:30	Marion Sewer	Molecular Endocrinology
9:35	James McKerrow	Neglected Tropical Diseases
9:40	Jair Lage de Siqueira-Neta	Tropical Diseases
9:45	Vivian Hook	Neurological & Neurodegenerative Diseases
9:50	Victor Nizet	Infectious Diseases, Immunology, Antimicrobials
9:55	Debbie Spector	Viruses and Vaccines
10:00	Ana Pajor	SLC Transporters
10:05	Dong Wang	Transcriptions, DNA, Cancer

*Pharmacology/Neuropharmacology:*

10:10	Palmer Taylor	Neuropharmacology, Molecular Recognition
10:15	Katharina Brandl	Pharmacology, Educational Research

**10:20 – 10:30 am**      **Q & A, Discussion**

**10:30 – 10:50 am**      **Break**

**11:00 – 12:00 n      Group 3 Clinical Faculty Presentations***Chairs: Brookie Best and Jennifer Le**Pharmacokinetics:*

11:00 am	Brookie Best	Pharmacokinetics, Perinatal, Infectious Disease
11:05	Edmund Capparelli	Pharmacokinetics, Pediatrics, Infectious Disease
11:10	Jennifer Le	Pharmacokinetics, Pediatrics, Infectious Disease
11:15	Jeremiah Momper	Kidney Transplantation, Pharmacokinetics

*Pharmacogenomics, Pharmacoeconomics, Outcomes Research*

11:20	Grace Kuo	Medication Safety & Therapy Management (Mgt), Pharmacogenomics
11:25	Kelly Lee	Psychiatry, Medical Therapy Mgt, Pharmacogenomics
11:30	Jan Hirsch	Pharmacoeconomics, Medications Therapy Mgt, Outcomes
11:35	Charles Daniels	Pharmacoeconomics, Medication Use Systems
11:40	Jonathan Watanabe	Medication Adherence, Outcomes Research
11:45	David Adler	Anticoagulant Therapy and Outcomes

*Education:*

11:50	James Colbert	Experiential Education, Pediatrics
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**12:00 – 12:10 pm      Q & A, Discussion****12:10 – 12:40 pm      Lunch****12:40 – 1:40 pm      Group 4 Pharmaceutical Sciences Faculty Presentations, with Lunch***Chairs: Vivian Hook and Tracy Handel**Natural Products and Chemistry:*

12:40 pm	Bill Gerwick	Natural Products, Oncology, Neuropharmacology
12:45	Brad Moore	Marine Genomics & Drug Development
12:50	Ted Molinski	Natural Products Drug Design
12:55	Dio Siegel	Synthetic Organic Chemistry, Medicinal Chemistry

*Computational Drug Docking/Design:*

1:00 pm	Ruben Abagyan	Computational Drug Design
1:05	Larissa Podust	Drug discovery for parasitic diseases using structure-aided medicinal chemistry

*Structural Biology:*

1:10	Geoffrey Chang	Structural Biology of Transporters in Disease
1:15	Tracy Handel	Chemokine Structures and GPCRs
1:20	Brendan Duggan	NMR

*Analytical & Chemical Drug Technologies:*

1:25	Ada Almutairi	Nanotechnology, Drug Delivery & Diagnostics
1:30	Pieter Dorrestein	Analytical Mass Spectrometry
1:35	Nuno Bandeira	Computational Mass Spectrometry and Chemistry

**1:40 – 1:50 pm      Q & A, Discussion**

- 1:55 – 2:35 pm**      **Breakout Session I: Therapeutic Areas**
- Cancer
  - Pediatrics
  - Neurological and Mental Disorders, Geriatrics
  - Infection, Inflammation, and Neglected Tropical Diseases
  - Cardiovascular, Renal, Liver, Transplant, Diabetes, Endocrine
  - Medication Optimization, Pharmacogenomics
- 2:35 – 3:05 pm**      **Summaries of Breakout I**  
*Chairs: Marion Sewer and Candis Morello*
- 3:05 – 3:20 pm**      **Break**
- 3:20 – 4:00 pm**      **Breakout Session II: Collaborative SSPPS Research**
- Translational Research: the drug development pipeline, target identification, screening approaches, compound collections, clinical trials
  - Graduate education in pharmaceutical sciences and pharmacy research: Integrative research for students, postdocs, residents
  - Innovative Technologies and Analytics: NMR, Mass spectrometry, Quantitative analytic support, nanotechnology, other
- 4:05 – 4:30 pm**      **Summaries of Breakout II**  
*Chair: Victor Nizet and Pieter Dorrestein*
- 4:30 – 5:00 pm**      **Faculty Discussion and Wrap-up, Future Plans**  
*Moderators: Vivian Hook and Jan Hirsch (former EPAOC)*
- 5:00 to ~7:00 pm**      **Reception and Happy Hours**