### 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:**

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

<table>
<thead>
<tr>
<th>Time</th>
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</thead>
<tbody>
<tr>
<td>9:25 am</td>
<td>Asa Gustafsson</td>
<td>Cardiovascular Research</td>
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<tr>
<td>9:30</td>
<td>Marion Sewer</td>
<td>Molecular Endocrinology</td>
</tr>
<tr>
<td>9:35</td>
<td>James McKerrow</td>
<td>Neglected Tropical Diseases</td>
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<tr>
<td>9:40</td>
<td>Jair Lage de Siqueira-Neta</td>
<td>Tropical Diseases</td>
</tr>
<tr>
<td>9:45</td>
<td>Vivian Hook</td>
<td>Neurological &amp;Neurodegenerative Diseases</td>
</tr>
<tr>
<td>9:50</td>
<td>Victor Nizet</td>
<td>Infectious Diseases, Immunology, Antimicrobials</td>
</tr>
<tr>
<td>9:55</td>
<td>Debbie Spector</td>
<td>Viruses ands Vaccines</td>
</tr>
<tr>
<td>10:00</td>
<td>Ana Pajor</td>
<td>SLC Transporters</td>
</tr>
<tr>
<td>10:05</td>
<td>Dong Wang</td>
<td>Transcriptions, DNA, Cancer</td>
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</tbody>
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**Pharmacology/Neuropharmacology:**

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<thead>
<tr>
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<tbody>
<tr>
<td>10:10</td>
<td>Palmer Taylor</td>
<td>Neuropharmacology, Molecular Recognition</td>
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<tr>
<td>10:15</td>
<td>Katharina Brandl</td>
<td>Pharmacology, Educational Research</td>
</tr>
</tbody>
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#### 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

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