Friday, July 10, 2015

12-6pm  Check-in for registered participants

1:45 – 2:00pm Welcome

**Enhancing the professional pipeline**

2:00 – 3:00pm Opening Plenary: Race Matters. David Asai, Senior Director, Undergraduate and Graduate Programs, Howard Hughes Medical Institute

3:00 – 3:45pm Global diversification of graduate education. Jason Blackard, Director of Office of Global Health, University of Cincinnati

3:45 – 4:00pm Coffee Break

4:00 – 4:45pm Open Discussion: Developing relationships and skills for multidisciplinary discovery and applied research careers. 15 min opening remarks from UC about Systems Biology training grant (Yana Zavros, UC), and linking Clinical Pharmacology to basic science training (Sander Vinks, UC/CCHMC).

4:45 – 5:30pm Open discussion: Tracking student progress before and after graduation. 15 min opening remarks (Chip Montrose, UC) about Individual Development Plans (IDPs) followed by open discussion about new ideas and best practices.

5:30 – 6:30pm Break

6:30 - 8:00pm Meeting Banquet and after-dinner talk: Big data can reveal the economic imprint of graduate education and PhD career pathways. Bruce Weinberg, Ohio State University
Fitting training to emerging needs

8:30 – 8:50am How the NIH BEST grants approach training for alternate careers. 
*Joey Barnett, Vanderbilt Univ.*

8:50 – 9:30am Life outside academic: how does training need to change for non-academic careers? *4 short talks from CROs and pharmaceutical company representatives*

9:30 – 10:00am Ask the panel: Is my university strategy a good route to train for alternate careers? *Panel of Joey Barnett and corporate representatives*

10:00 – 10:45am Coffee Break

10:45 – 11:30am Where is the worldwide demand for Pharmacologists & Physiologists? *Michael Mulvany, from ORPHEUS (Organisation for PhD Education in Biomedicine and Health Sciences in the European System; [www.orpheus-med.org](http://www.orpheus-med.org))*

11:30 – 12:15pm Vision and Change in undergraduate biological sciences. *30 min remarks from Tom Pressley (Texas Tech), who was involved in this AAAS/NSF initiative ([visionandchange.org](http://visionandchange.org)) that affects the training of our incoming graduate students.*

12:15 – 1:30pm Lunch

1:30 – 2:15pm Panel discussion: National expansion of revenue driven degrees: a new balancing act. *Opening remarks (15 min, John Lorenz & John Maggio, UC) about experience from UC Physiology and Pharmacology*

2:30–4pm Small group discussions.

- *Topics to be decided based on discussion hot points earlier in the meeting.*

4 – 6pm Graduate student/postdoctoral fellow poster session with beer/wine/cheese.

7–10:30pm *Dinner on your own, or join dinner event at Cincinnati Zoo (walking distance from campus/hotel) for extra cost ($55/person)*
2015 NDOGS Meeting program
Pharmacology-Physiology Pipelines: Pressures, Leaks, and Output

Sunday, July 12 2015

8:30 – 11:30am Workshop on NIH Training Grants (optional for attendees based on their interests)
NIGMS staff attends and presents. Panel of program directors will lead subsequent discussion

NDOGS 2015 Meeting Organizers at the University of Cincinnati:

Department of Molecular and Cellular Physiology
Christian Hong, PhD
Marshall Montrose, PhD
Yana Zavros, PhD
Jeannie Cummins

Department of Pharmacology and Cell Biophysics
Guo-Chang Fan, PhD
Ronald Millard, PhD
Robert Rapoport, PhD
Jo El Schultz, PhD
Nancy Thyberg

Pediatrics Division of Clinical Pharmacology
Sander Vinks, PharmD, PhD, FCP