National Directors of Graduate Studies in Pharmacology and Physiology

MEETING DATES: July 10-12, 2015
Registration deadline: July 1, 2015
Travel Award application deadline: July 1, 2015

NDOGS is a biennial meeting that is a forum for exchanging information among those training graduate students in the disciplines of Pharmacology and Physiology. As a collaboration between the American Society for Pharmacology and Experimental Therapeutics (ASPET) and the American Physiological Society (APS), the meeting has broad participation among colleagues with a common cause and similar challenges.


Meeting Location - The 2015 NDOGS Meeting will take place on the campus of the University of Cincinnati, mostly at the Vontz Center for Molecular Studies at 3125 Eden Avenue. The Vontz is conveniently located less than 5 minutes walking distance from the conference hotel.

An Evening at the Cincinnati Zoo - An optional Saturday dinner and evening event at the Cincinnati Zoo (in walking distance from UC campus and the hotel) being provided free for meeting attendees. Included are zoo admission, a 'wild encounter' with zoo animals, appetizers, little Italy buffet dinner, soft drinks/coffee/iced tea, and a cash bar. You are welcome to attend with any family or friends that join you in Cincinnati for an additional cost of $55/extra guest. Event begins at 7pm but all must enter before 8pm.

Attending with Guests (Family, Friends, etc.) - There is no separate meeting registration for guests, but we would be happy to welcome them to join us at the Friday meeting banquet for an additional cost of $35 per person, and join the group for our Saturday Zoo event ($55 per person).

For general questions:
Pharmacology - Ms. Nancy Thyberg, 513-558-2333, nancy.thyberg@uc.edu
Physiology - Ms. Jeannie Cummins, 513-558-3102, jeannie.cummins@uc.edu

For questions regarding the meeting program:
Dr. Chip Montrose, 513-556-4336, montromh@ucmail.uc.edu

Sponsored by:
2015 NDOGS Meeting Program
Pharmacology-Physiology Pipelines: Pressures, Leaks, and Output

Friday, July 10, 2015

Vontz Center for Molecular Studies

Noon-6:00pm
Vontz - Atrium
Check-in for registered participants

1:45-2:00pm
Vontz - Rieveschl Auditorium
Welcome:
Chip Montrose, Meeting Chair & Dean of Graduate School
Bill Ball, Dean of the College of Medicine
Robert Highsmith, Chair of Pharmacology Department and Physiology Department

Enhancing the professional pipeline
Session Moderator – Chip Montrose

2:00-3:00pm
Vontz - Rieveschl Auditorium
Opening Plenary – What actually works to build and sustain diversity among scientific professionals?
David Asai, Senior Director, Undergraduate and Graduate Programs, Howard Hughes Medical Institute

3:00-3:45pm
Vontz - Rieveschl Auditorium
Global diversification of graduate education:
Jason Blackard, Director, Office of Global Health, University of Cincinnati

3:45-4:00pm
Coffee Break

4:00-4:45pm
Vontz - Rieveschl Auditorium
Open Discussion – Developing relationships and skills for multidisciplinary discovery and applied research:
Yana Zavros, University of Cincinnati – Systems Biology Training Grant
Sander Vinks, University of Cincinnati/Cincinnati Children’s Hospital Medical Center – Linking Clinical Pharmacology to Basic Science Training

4:45-5:30pm
Vontz - Rieveschl Auditorium
Open Discussion – Tracking student progress before and after graduation:
Chip Montrose, University of Cincinnati – Individual Development Plans (IDPs) followed by discussion about new ideas and best practices.

5:30-6:30pm
Break

Cincinnati Children’s Hospital Medical Center

6:30-8:30pm
CCHMC – Building D
Sabin Auditorium
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
# 2015 NDOGS Meeting Program

**Pharmacology-Physiology Pipelines: Pressures, Leaks, and Output**

**Saturday, July 11, 2015**

**Vontz Center for Molecular Studies**

**Fitting training to emerging needs**

**Session Moderators – John Maggio/Robert Rapoport**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Content</th>
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<tbody>
<tr>
<td>8:30-8:50am</td>
<td>How the NIH BEST grants approach training for alternate careers:</td>
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<td>Joey Barnett, Vanderbilt University</td>
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<td>8:50-9:30am</td>
<td>Life outside academia – How does training need to change for non-academic careers?</td>
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<td>Mary Jeanne Kallman, Global Director Nonclinical Neuroscience-Covance Laboratories</td>
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<td>Ruth Stevens, Camargo Pharmaceutical Services</td>
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<td>Ray Takigiku, CEO-Bexion</td>
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<td>9:30-10:00am</td>
<td>Ask the panel – Is my university strategy a good route to train for alternate careers?</td>
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<td>Panel of Joey Barnett, Vanderbilt University and industry representatives</td>
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<td>10:00-10:45am</td>
<td>Coffee Break</td>
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<tr>
<td>10:45-11:30am</td>
<td>Common understanding for PhD training: The ORPHEUS perspective</td>
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<td>Michael Mulvany, ORPHEUS (Organisation for PhD Education in Biomedicine and Health Sciences in the European System <a href="http://www.orpheus-med.org">www.orpheus-med.org</a>)</td>
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<tr>
<td>11:30-12:15pm</td>
<td>Vision and Change in undergraduate biological sciences – AAAS/NSF initiative (<a href="http://visionandchange.org">visionandchange.org</a>) that affects the training of our incoming students:</td>
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<td>Tom Pressley, Texas Tech University</td>
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**Medical Sciences Building & CARE/Crawley Building**

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>12:30-1:30pm</td>
<td>Lunch</td>
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<td>CARE/Kaplan - Atrium (Subway Area)</td>
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**Session Moderator – Jo El Schultz**

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<th>Time</th>
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<tr>
<td>1:30-2:30pm</td>
<td>Panel discussion – National expansion of revenue driven degrees; a new balancing act:</td>
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<td>William F. Jackson, Michigan State University</td>
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<td>John Lorenz, Physiology, University of Cincinnati</td>
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<td>John Maggio, Pharmacology, University of Cincinnati</td>
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</tbody>
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2015 NDOGS Meeting Program

Pharmacology-Physiology Pipelines: Pressures, Leaks, and Output

Saturday, July 11, 2015 (continued)

2:30-4:00pm
Small group discussions:
Topics to be decided based on discussion hot points earlier in the meeting.

CARE/Kaplan - Atrium (Subway Area)

4:00-6:00pm
Graduate student poster session with beer/wine/cheese

CARE/Kaplan - Main Atrium

7:00-10:30pm
Dinner on your own or join dinner event at Cincinnati Zoo
• Must enter before 8pm
• Parking included with admission (see attached map)
• Walking distance from campus/hotel

Sunday, July 12 2015

Vontz Center for Molecular Studies

Session Moderator – Yana Zavros

8:30-11:30am
Workshop on NIH Training Grants
John Laffan, NIH
Panel of Training Grant Pls (Joey Barnett, David Port, Yana Zavros)

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
Wireless Locations
Help Phones
Wall Mounted Help Phones
bldg D
Driving Directions to Main Campus

3333 Burnet Avenue, Cincinnati, OH 45229-3039 • 513-636-4200 • www.cincinnatichildrens.org

FROM THE SOUTH

Via I-75 North
• Exit at Hopple St. (exit #3), from the left.
• Turn left onto Hopple St., which becomes Martin Luther King Dr. when it crosses Central Parkway.
• Follow Martin Luther King Dr. about 2 miles to Burnet Ave. Turn left.
• Follow Burnet Ave. about 1/4 mile to main entrance, on the left.
• Turn right at driveway for underground parking.

Via I-71 North
• Exit at Reading Rd. (exit #2), from the left.
• Bear left onto Reading Rd., going north.
• At fork in the road, about 1 mile, bear left under the overpass onto Burnet Ave.
• Follow Burnet Ave. about 1 mile to main entrance, on the left.
• Turn right at driveway for underground parking.

Via I-275 North
• Take I-275 to I-471N.
• Take I-471N to Liberty St. (exit #7).
• Turn right onto Reading Rd., going north.
• At fork in the road, about 1 mile, bear left under the overpass onto Burnet Ave.
• Follow Burnet Ave. about 1 mile to main entrance, on the left.
• Turn right at driveway for underground parking.

FROM THE CINCINNATI/ NORTHERN KENTUCKY INTERNATIONAL AIRPORT

Via I-71 North
• Follow the airport exit to I-275E.
• Follow I-275E to I-71N/I-75N.
• Follow signs for I-71N when crossing the bridge to Ohio.
• Exit I-71 at Reading Rd. (exit #2), from the left.
• Bear left onto Reading Rd., going north.
• At fork in the road, about 1 mile, bear left under the overpass onto Burnet Ave.
• Follow Burnet Ave. about 1 mile to main entrance, on the left.
• Turn right at driveway for underground parking.

FROM THE NORTH

Via I-75 South
• Exit at Mitchell Ave. (exit #6). Turn left onto Mitchell Ave.
• Turn right onto Vine St.
• Follow Vine St. toward the Cincinnati Zoo.
• Turn left onto Erkenbrecher Ave.
• Turn right onto Burnet Ave.
• At first light, turn right into main entrance.
• Turn right at driveway for underground parking.

Via I-71 South
• Exit at William Howard Taft Rd. (exit #3).
• At second light, turn right onto Burnet Ave.
• Follow Burnet Ave. about 3/4 of a mile to main entrance, on the left.
• At first light, turn left into main entrance.
• Turn right at driveway for underground parking.

FROM THE WEST

Via I-74 East
• Merge onto I-75N.
• Exit at Mitchell Ave. (exit #6). Turn right onto Mitchell Ave.
• Turn right onto Vine St.
• Follow Vine St. toward the Cincinnati Zoo.
• Turn left onto Erkenbrecher Ave.
• Turn right onto Burnet Ave.
• At first light, turn right into main entrance.
• Turn right at driveway for underground parking.

FROM THE EAST

Via Columbia Parkway (Route 50)
• Turn right onto William Howard Taft Rd.
• Follow Taft Rd. about 2 miles.
• Turn right onto Burnet Ave.
• Follow Burnet Ave. about 3/4 of a mile to main entrance, on the left.
• At first light, turn left into main entrance.
• Turn right at driveway for underground parking.