Friday, June 14th, 2013 (at Worthington Hotel)
12pm – 6pm:  Check-in for registered participants

2:00–2:15pm  Welcome – Dr. Michael Williams (President, UNT Health Science Center) and Dr. Jamboor K. Vishwanatha (Dean, Graduate School of Biomedical Sciences)

**Changing Landscape of Graduate Education**

2:15-3:00pm  Minority recruitment and retention- the PROMISE Program – Renetta Tull, PhD, University of Maryland, Baltimore

3:00-3:45pm  Improving Graduate Education to Support a Branching Career Pipeline – Cynthia N Fuhrmann, PhD, University of Virginia School of Medicine

3:45-4:00pm  Break

4:00 -4:45pm  Careers in the Pharmaceutical Industry - Skills required by pharmacologists and physiologists in “Big” Pharma – Iok-Hou Pang, PhD, UNT System College of Pharmacy

4:45–5:30pm  Career in the Pharmaceutical Industry: “Little” Pharma

5:30-6:30pm  Break

6:30– 8:00pm  Keynote Speech and Dinner - Biomedical Work Force Report – Sandra JF Degen, PhD, Associate Chair for Academic Affairs and Vice President for Research, University of Cincinnati.

Saturday, June 15th, 2013 (at Worthington Hotel)

**Adapting to New Landscapes**

9:00 - 9:30pm  Specialized MS programs – Patricia Gwirtz, PhD, Associate Dean UNT Health Science Center at Fort Worth

9:30 - 10:00pm  Online Degree programs – William F. Jackson, PhD, Michigan State University

10:00 -10:15pm  Break

10:15-10:45pm  Alternative careers: Teaching Physiology at undergraduate universities – Jonathan King, PhD, Trinity University

10:45 -11:15pm  Summer undergraduate programs in Pharmacology & Physiology – Best Practices – Jo El Schultz, PhD, University of Cincinnati and Marsha Lakes Matyas, PhD, Director of Education Programs, American Physiological Society

11:15–11:45pm  Incorporating Pharmacology/Toxicology “experiments” in high school classrooms – Kim Eberle-Wang, PhD, Springside Chestnut Hill Academy, Philadelphia, PA

11:45-12:30pm  American Physiological Society’s Best Practices for Outreach – J. Michael Wyss, PhD, Professor and Director of the Center for Outreach Research Development at the University of Alabama, Birmingham, and Marsha Lakes Matyas, PhD, Director of Education Programs, American Physiological Society
12:30-1:30pm Lunch (provided)

1:30-2:00pm Individual Development Planning – mentors and students as partners in training – Philip S. Clifford, PhD, Associate Dean for Postdoctoral Education, Medical College of Wisconsin

2:00-2:30pm Creating relationships with traditional URM schools - Best Practices from attendees - Discussion leaders: Barbara Goodman, PhD, Professor, University of South Dakota Sanford School of Medicine; Joey Barnett, PhD, Professor and Chair, Vanderbilt University School of Medicine; Harlan Jones, PhD, Director of Recruitment and Minority Affairs, UNT Health Science Center.

2:30 – 3:15pm Changes in Training grants John J. Laffan, PhD, Scientific Review Officer, Office of Scientific Review, National Institute of General Medical Sciences

3:15 – 3:30pm Break

3:30 – 4:30pm Concurrent Sessions with coffee and snacks

Presentation by Richard Okita, Ph.D., Program Director, Division of Pharmacology, Physiology and Biological Chemistry

Graduate Curriculum Issues in Pharmacology / defining and meeting objectives*

Graduate Curriculum Issues in Physiology / defining and meeting objectives*

*Roundtable presentations from representative programs chosen to illustrate different approaches to issues such as didactic curricula, independent learning, new course development, recruitment, and qualifying examinations. In addition, the group will initiate discussions on defining a set of “learning objectives” for Graduate Education in Pharmacology and Physiology, akin to that developed by Association of Medical School Chairs in Pharmacology and Physiology for Medical School curricula.

4:30-6:30 Break Out Sessions

Breakout Sessions

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<th>Time</th>
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At UNT Health Science Center Campus:
6:00-7:30pm  Graduate student/postdoctoral fellow poster sessions (UNTHSC students) with wine and cheese reception

7:30pm  Dinner hosted by UNTHSC

9:00pm – Visit Fort Worth Stockyards (Optional)

Sunday, June 16th 2013 (Worthington Hotel)

8:30-11:30am
Optional Workshop on NIH Training Grants - Dr. John Laffan, NIGMS
This workshop includes informal presentations and discussions by NIGMS staff and currently funded program directors. Detailed discussions of NIGMS training guidelines, application preparation instructions, review criteria, and an exchange of current practices in funded programs provides valuable information for T32 PI’s as well as for those interested in obtaining NIH funding.