



NPSMA 3rd NATIONAL CONFERENCE

November 7-9, 2012

DoubleTree by Hilton Hotel, Denver, CO

Agenda

"Enhancing Global Workforce Competitiveness through PSMs"

Wednesday November 7

- 4:30 – 5:30 p.m. **Registration**
- 5:30 – 7:00 **Reception and Annual NPSMA Members' Meeting** (Grand I) * Take time to view posters*
Members and non-members are welcome. Cash bar.

Thursday November 8

- 6:30 – 8:00 a.m. **Breakfast** (General Session room)
- 8:00 – 8:45 **Registration**
- 8:45 – 9:00 **Greeting and Remarks** (Grand I)
Bogdan Vernescu, NPSMA President
Professor of Mathematics and Department Head, Worcester Polytechnic Institute
- 9:00 – 9:15 **Industry Welcome** (Grand I)
Steve VanNurden, President and Chief Executive Officer
Fitzsimons Redevelopment Authority
- 9:15 – 9:45 **Plenary Speaker** (Grand I)
The Value of Cross-sector Collaboration
Susan Sauer Sloan, Director GUIRR, The National Academies of Science
NPSMA National Advisory Board Member
- 9:45 – 10:30 **Keynote Speaker** (Grand I)
The PSM as a Map for New Undergraduate Pathways
Stephen Barkanic, Senior Director of STEM Policy and Programs
The Business-Higher Education Forum
- 10:30 – 11:00 **Break** (General Session room) * Take time to view posters*
- 11:00 – 11:30 **Plenary Speaker** (Grand I)
How PSM Programs Participate in Biomedical Innovation and Commercialization
Arlen Meyers, Professor, Departments of Otolaryngology,
Dentistry and Engineering, University of Colorado; President and CEO
Society of Physician Entrepreneurs; Director, CU Graduate School
Program in Bio-innovation and Entrepreneurship

11:30 – 12:00

Updating of Long-standing Science Curricula to PSM Programs to Compete in a Global Job Market (Grand I)

Marilyn Wells, System Liaison for Strategic Initiatives, Academic and Student Affairs
Pennsylvania State System of Higher Education

Qiana Lightner, PSM Planning Coordinator, Pennsylvania State System of Higher Education

12:00 – 1:15

Lunch (General Session room)

1:20 – 2:20

Workshop Session 1 (Crystal I)

International Educational Opportunities

Joaquin Carbonara, Professor of Mathematics and Point Person for the Applied Mathematics PSM Program, Buffalo State College; NPSMA Board Member

Elizabeth Friedman, Director, Professional Master's Programs, Illinois Institute of Technology

Deborah Silver, Executive Director, Professional Science Master's Program
Rutgers, The State University of New Jersey; NPSMA Board Member

Workshop Session 3 (Crystal II)

Teaching Ethics with a Cross Sector Perspective

Camille Nebeker, Research Associate, Center for Education, Leadership, Innovation and Policy
San Diego State University Research Foundation

John Nishio, Former PSM Director, California State University, Chico;
HydroBlox™ Western Region; NPSMA Board Member

Linda Tiggs-Taylor, College of Education, California State University, Long Beach

Workshop Session 4 (Crystal III)

Challenges and Opportunities of Recruiting International Students

James Sterling, Vice President for Academic Affairs, Dean of Faculty,
and the Sidney J. Weinberg Professor at the Keck Graduate Institute

Amanda Haslam Wirtz, Assistant Director of Recruitment, Keck Graduate Institute

2:30 – 3:30

Workshop Session 2 (Crystal I)

Preparing a Diversified Student Body to be Successful in Global Business Environments

Dagmar Beck PSM Program Director, Rice University; NPSMA Immediate Past President

Joseph Whittaker, Dean and Professor of Biology, Morgan State University; NPSMA Board Member

Workshop Session 6 (Crystal II)

Enhancing PSM Program Quality and Global Competitiveness through System-wide Collaboration on Professional Skills Courses

Marilyn Wells, System Liaison for Strategic Initiatives, Academic and Student Affairs
Pennsylvania State System of Higher Education

Qiana Lightner, PSM Planning Coordinator, Pennsylvania State System of Higher Education

3:30 – 4:00

Break (General Session room) * Take time to view posters*

4:00 – 5:00

Workshop Session 1 (Crystal I)

International Educational Opportunities

Joaquin Carbonara, Professor of Mathematics and Point Person for the Applied Mathematics PSM Program, Buffalo State College; NPSMA Board Member

Elizabeth Friedman, Director, Professional Master's Programs, Illinois Institute of Technology

Deborah Silver, Executive Director, Professional Science Master's Program

Rutgers, The State University of New Jersey; NPSMA Board Member

Workshop Session 7 (Crystal II)

Teaching Intellectual Property Concepts for the Global Biotechnology Industry

Ross Barnard, Biotechnology Program Director & Affiliate Professor, Queensland Alliance for Agriculture and Food Innovation, School of Chemistry and Molecular Biosciences, Australian Infectious Diseases Research Centre, The University of Queensland, Australia

Workshop Session 8 (Crystal III)

Corporate and Academic Internships

Cynthia Bainton, NPSMA Finance Officer

Administrative Manager, Biotechnology Programs, Northeastern University

Jean Schaaque, NPSMA Vice President

Associate Dean for Academic Affairs, College of Arts and Sciences, University of North Texas

Bogdan Vernescu, NPSMA President

Professor of Mathematics and Department Head, Worcester Polytechnic Institute

5:30 – 7:00

Networking Reception (Grand I) * Take time to view posters*

Cash bar.

7:00

Dinner on your own (See List of Denver Restaurants)

Friday November 9

6:30 – 8:00 a.m.

Breakfast (General Session room)

8:00 – 8:35

Greeting and Introduction (Grand I)

Jean Schaaque, NPSMA Vice President

Associate Dean for Academic Affairs, College of Arts and Sciences, University of North Texas

NRC Report: Research Universities and the Future of America: Ten Breakthrough Actions Vital to Our Nation's Prosperity and Security

Peter H. Henderson, Director, Board on Higher Education and Workforce (BHEW)
Study Director, Committee on Research Universities, National Research Council
The National Academies

8:35 – 9:15

Keynote Speaker (Grand I)

PSM Today... What about Tomorrow?

Daryl E. Chubin, Senior Advisor, American Association for the Advancement of Science

9:15 – 9:45

Creation of NPSMA Alumni Chapters (Grand I)

David Jay, Community Engagement Strategy Consultant

9:45 – 10:15

Using Open Source Data to Advance PSM (Grand I)

Greg Busse, PSM Director, American University

Former Team Leader, Center for Drug Evaluation and Research, FDA

Sheila Tobias, Co-author *Rethinking Science as a Career*; NPSMA National Advisory Board Member

10:15 – 10:30	Break (General Session room) * Take time to view posters*
10:30 – 11:15	<p><u>Workshop Session 5</u> (Crystal I) Funding for PSM Programs Dagmar Beck PSM Program Director, Rice University; NPSMA Immediate Past President</p> <p>Michael Rappa, Director of the Institute for Advanced Analytics and Distinguished University Professor, North Carolina State University (via skype)</p> <p>Deborah Silver, Executive Director, Professional Science Master's Program Rutgers, The State University of New Jersey; NPSMA Board Member</p> <p>James Spohrer, Director, IBM University Programs (via Skype)</p> <p>Inge Wefes, Associate Dean, Graduate School, University of Colorado Denver NPSMA Board Member</p> <p><u>Workshop Session 8</u> (Crystal II) Corporate and Academic Internships Cynthia Bainton, NPSMA Finance Officer Administrative Manager, Biotechnology Programs, Northeastern University</p> <p>Jean Schaaque, NPSMA Vice President Associate Dean for Academic Affairs, College of Arts and Sciences, University of North Texas</p> <p>Bogdan Vernescu, NPSMA President Professor of Mathematics and Department Head, Worcester Polytechnic Institute</p> <p><u>Workshop Session 9</u> (Crystal III) Navigating the PSM Affiliation Process James Sterling, Vice President for Academic Affairs, Dean of Faculty, and the Sidney J. Weinberg Professor at the Keck Graduate Institute</p>
11:15 – 12:30	<p>Best Practices in PSM Development Panel (General Session Room) <u>Moderator:</u> Elizabeth Friedman, Director, Professional Master's Programs, Illinois Institute of Technology</p> <p><u>Panelists:</u> Robert Gamache, Associate Vice President for Academic Affairs, Student Affairs, and International Relations, University of Massachusetts</p> <p>Paul Hamilton, Director, MMB Program Department of Microbiology, North Carolina State University</p> <p>Patricia Komuniecki, Vice Provost for Graduate Affairs and Dean, College of Graduate Studies, University of Toledo; NPSMA Board Member</p>
12:30 – 1:00	Summary Session/Evaluation and Presentation of NPSMA Awards (General Session Room)
1:00	Lunch (General Session Room)

*Thank you for participating in the NPSMA 3rd National Conference and contributing to its success.
We hope to see you at our November 2013 National Conference in Arlington, Virginia!
Please complete the online evaluation form and have a safe trip home.*