



Integrating Science with Business: The PSM in the 21st Century Workforce

The Fourth Biennial Meeting of Professional Science Master's Program Leaders

October 5-7, 2005
Washington, DC

Wednesday, October 5, 2005

Afternoon Program leaders' meetings with Congressional representatives to promote the PSM

5:00 p.m. **Opening Reception**, co-sponsored by Congressional representatives and their staffs, Gold Room, 2168 Rayburn House Office Building, Capitol Hill, Washington, DC

Thursday, October 6, 2005

American Association for the Advancement of Science
Auditorium, 2nd Floor
1200 New York Avenue, NW
Washington, DC 20005

8:00 a.m. **Registration and Continental Breakfast**

8:30 a.m. **Welcome**

Alan Leshner, CEO, American Association for the Advancement of Science

8:35 a.m. **Setting the Stage**

Don Langenberg, Professor of Physics and Chancellor Emeritus, University of Maryland

9:00 a.m. **Introducing the PSM: Graduates/Employers Panel**

Moderator: **Peter Henderson**, Director, Board on Higher Education and Workforce, The National Academies

- **Gary Benzion**, Supervisory Patent Examiner, U.S. Patent and Trademark Office, and **Christopher Babic**, Patent Examiner, U.S. Patent and Trademark Office and Graduate of the Pennsylvania State University MS in Biotechnology Program
- **Richard Weed**, Senior Portfolio Manager, Managing Director, Small Cap Equities, Putnam Investments, and **Pam Gao**, Quantitative Analyst, VP, Putnam Investments and Graduate of the Worcester Polytechnic Institute Professional Master of Science in Financial Mathematics Program
- **Carll Ladd**, Supervisor of DNA Unit, Connecticut Forensic Lab, and **Eric Carita**, Criminologist, Connecticut Forensic Lab and Graduate of the University of Connecticut Applied Genomics Program
- **Michael Stocum**, Vice President of Business Development and Product Strategy, Tricon Pharmaceuticals, and **Rebecca Fitzula**, Associate Scientist, GlaxoSmithKline and Graduate of the North Carolina State University PSM/MMB Program
- **Anthony Hartman**, ALH Consulting, and **Megan Lehrkamp**, Associate Scientist, Ventana Medical Systems, and Graduate of the University of Arizona Professional Master's Degree Program in Applied Biosciences

11:00 a.m. **Break**

11:15 a.m. **Status Report on the Omnibus Innovation Legislation**

Bill Bates, Vice President for Congressional Outreach, Council on Competitiveness

11:20 a.m. **Panel II: New Industries and New Challenges**

Moderator: **Jennifer Bond**, Senior Advisor, Global Initiative, Council on Competitiveness

- **William Berry**, Acting Deputy Under Secretary for Defense, Laboratories and Basic Sciences, Department of Defense Research and Engineering
- **John Buchanan**, University Research Liaison, Electronic Arts
- **Jason Roos**, Associate, Booz Allen Hamilton
- **Lurita Doan**, Founder, New Technology Management, Inc.

12:30 p.m. **Lunch** (in breakout rooms by disciplinary group)

- Bioinformatics - Convener: **Jung Choi**
- Applied Biosciences and Biotechnology - Conveners: **Lis Hamer**, **Lindy Brigham** and **Loida Escote-Carlson**
- Chemistry and Related Sciences - Convener: **Jim Henkel**
- Physics - Convener: **Alaina Levine**
- Mathematics and Computational Sciences - Convener: **Bogdan Vernescu**

2:15 p.m. **Preview of PSM Online Database**

Susan Smith, Assistant Professor of Biology, Rensselaer Polytechnic Institute, and **Georgi Shablovsky**, Course Developer, Rensselaer Polytechnic Institute

3:00 p.m. **Program Leaders' Plenary No. 1**

Moderator: **Sheila Tobias**, Outreach Coordinator, Professional Science Master's Program

Where do we want to be in two years' time? And how are we going to get there?

General Discussion by Topics:

1. Marketing to Business and Industry and Cultivating Professional Alliances - Discussion Leaders: **Dave Bieber**, San Jose State University, and **Lis Hamer**, North Carolina State University
2. Tracking, Learning From, and Cultivating PSM Graduates - Discussion Leaders: **Elaine Turner**, formerly with the Keck Graduate Institute, and **Eleanor Babco**, Commission on Professionals in Science and Technology
3. Relations with Deans, Other University Programs, and Long-Term Financial Sustainability - Discussion Leaders: **Linda Strausbaugh**, The University of Connecticut, and **Priscilla Kimboko**, Grand Valley State University
4. Mounting or Purchasing "Plus" Courses: Business Basics, Communication, etc. - Discussion Leaders: **Charles MacCluer**, Michigan State University, and **Loida Escote-Carlson**, Pennsylvania State University
5. Nationwide Strategic Planning for the PSM - Discussion Leaders: **Dave Bieber**, San Jose State University, **Lis Hamer**, North Carolina State University, and **Paul Tate**, Council of Graduate Schools

5:00 p.m. Adjourn for the Day

(Dinner will be on your own)

Friday, October 7, 2005

American Association for the Advancement of Science
1200 New York Avenue, NW
Washington, DC 20005

8:00 a.m. **Continental Breakfast**

8:30 a.m. **Program Leaders' Plenary No. 2**

Facilitator: **Sheila Tobias**, Outreach Coordinator, PSM Program

Management Issues (Open Discussion)- Melding the Academic, the Professional, and the Student Service Components of the PSM: How Are We Managing To Do Our Jobs?

9:45 a.m. **Break**

10:00 a.m. **Small Group Sessions**

1. How to Talk to the Press - Session Leader: **Peter Rooney**, Gehrung Associates and **Yudhijit Bhattacharjee**, Science Magazine
2. Internships and Placement - Session Leader: **Elaine Turner**, President, The Turner Group, formerly with the Keck Graduate Institute
3. Mounting or Purchasing "Plus" Courses - A.M. Session Leaders: **Lis Hamer**, North Carolina State University, **Alaina Levine**, University of Arizona, and **Loida Escote-Carlson**, Pennsylvania State University.
P.M. Session Leader: **Jim Henkel**, University of Connecticut
4. Quality Control and Certification - Session Leaders: **Paul Tate**, Council of Graduate Schools, and **Sheila Tobias**, Arizona Outreach Project
5. Programs Primarily Targeting Part-Time Professionals - Session Leader: **Elizabeth Friedman**, Illinois Institute of Technology and **Andrew Howard**, Illinois Institute of Technology
6. Student Financing and Minority Recruitment - Discussion Leader: **Chuck Ambler**, University of Texas, El Paso

11:30 a.m. **Lunch**

12:30 p.m. **Small Group Sessions Repeated**

2:00 p.m. **Program Leaders Plenary No. 3**

Facilitator: **Don Langenberg**, Professor of Physics and Chancellor Emeritus, University of Maryland

Closing Session - Topics will include:

- Where will we go from here?
- New role for the Council of Graduate Schools.
- System-wide adoptions of the PSM.
- Should there be a national PSM Steering Committee?

Presenters: **Dave Bieber**, San Jose State University, and **Lis Hamer**, North Carolina State University

Respondent: **Paul Tate**, Senior Scholar in Residence, Council of Graduate Schools

3:30 p.m. **Adjournment**