



# The Leadership Alliance Symposium 2010

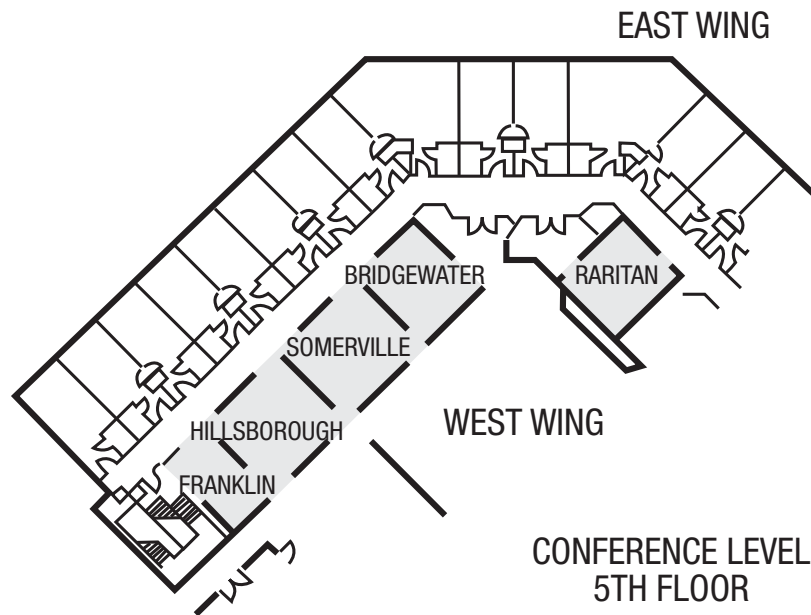
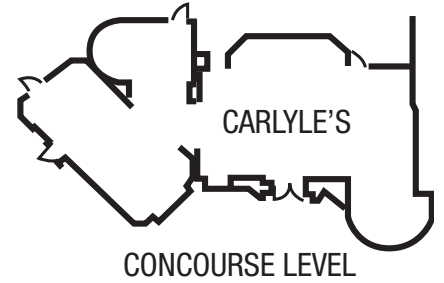
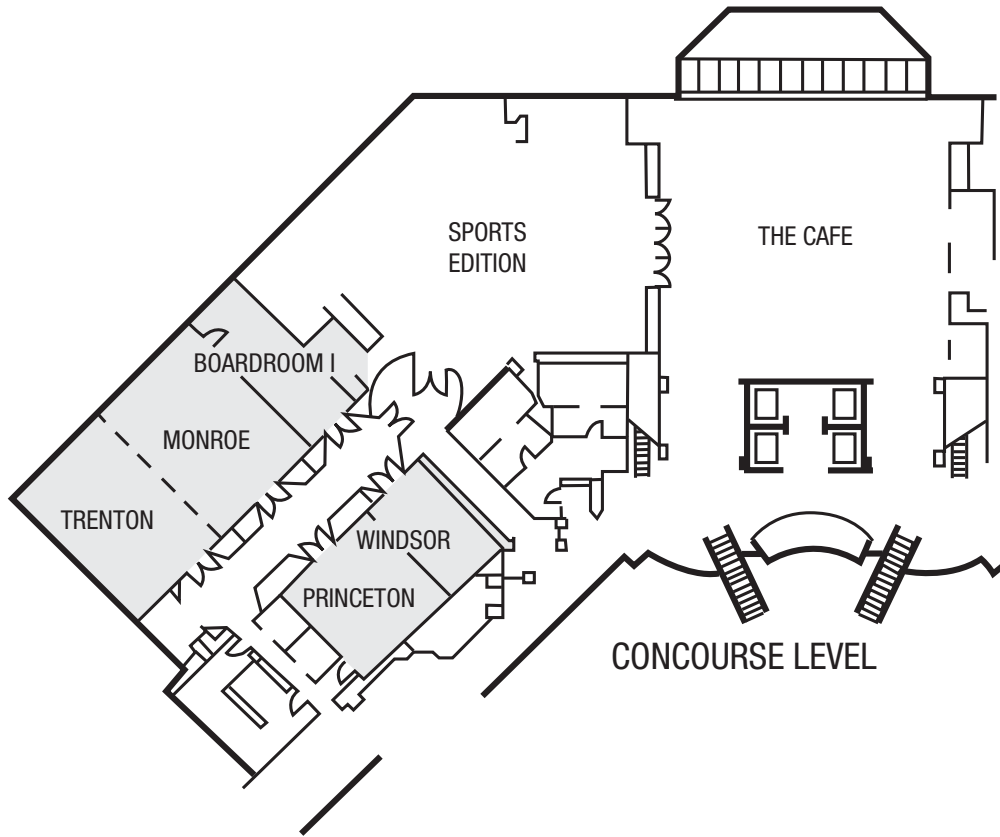
## TAKING THE NEXT STEP: DECISION MAKING STRATEGIES

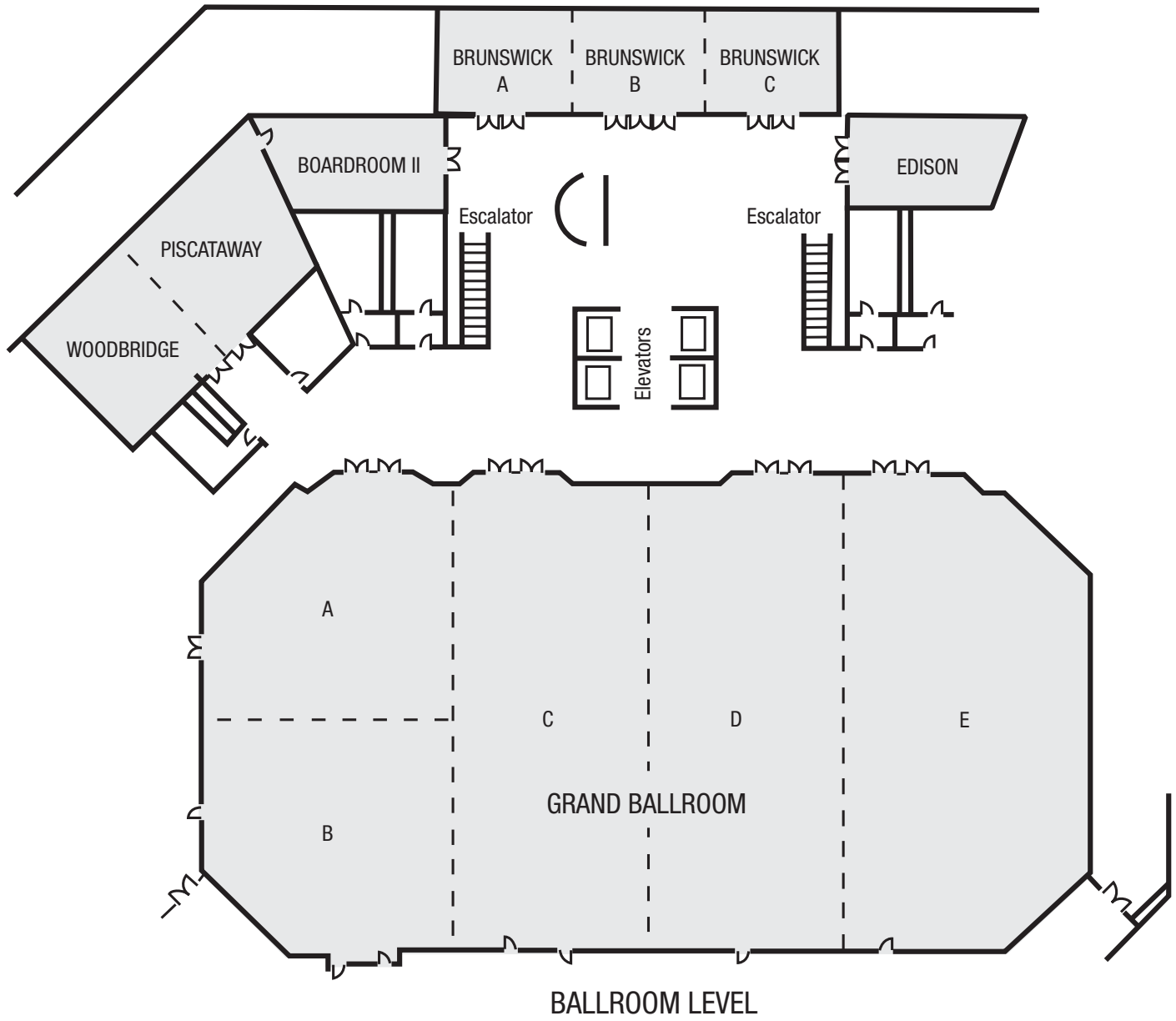
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### PRESENTATION CATEGORIES KEY

AB	Applied Biosciences (Human Biology & Disease, Public Health, Biomedical Engineering)
BB	Basic Biosciences (Molecular Processes and Genetics, Biochemistry)
ES	Earth Sciences (Environment Sciences, Geosciences, Marine Sciences)
EN	Engineering (Mechanical, Electrical & Materials Engineering)
HU	Humanities (Literature, Language Arts, History, Media)
PS	Physical Sciences (Chemistry, Math, Physics, Computer Sciences, Computer Engineering)
PE	Policy & Ethics (Politics, Policy & Legislation, Ethics, Philosophy & Reasoning)
SS	Social Sciences (Sociology, Economics, Psychology, and Behavioral Sciences)








**Leadership Alliance National Symposium**  
**July 30-August 1, 2010**  
**At-A-Glance**


<u>Time</u>	<u>General Sessions</u>	<u>Undergraduate Sessions</u>	<u>Graduate Sessions</u>	<u>Coordinators, Faculty Mentors, Doctoral Scholars &amp; Guests</u>
<b>Day 1 - Orientation, Networking &amp; Alumni Career Panel</b>				
11:00 a.m. - 3:00 p.m.	Registration & Professional Headshots			
11:00 a.m. - 3:00 p.m.		PowerPoint Prep I		
2:30 p.m. - 5:15 p.m.	Orientation, Networking, and Funding Sessions by Discipline (Refreshments served 2:30 p.m.- 3:00 p.m.)			
5:30 p.m. - 6:45 p.m.		PowerPoint Prep II		
5:30 p.m. - 6:30 p.m.			Graduate Students: <i>Moderators Training</i>	Doctoral Scholars: <i>Meet &amp; Greet with Program Officers</i>
7:00 p.m. - 9:15 p.m.	Dinner/Welcome/Alumni Research & Career Panel Presentations			
9:30 p.m. - 10:30 p.m.		PowerPoint Prep III	Reception for Doctoral Scholars, Faculty Mentors, Coordinators, Graduate Students & Guests	
<b>Day 2 - Student Presentations &amp; Panel Discussions</b>				
7:30 a.m. - 8:45 a.m.		Poster Setup		
7:30 a.m. - 8:30 a.m.		Networking Breakfasts	Breakfast for Graduate Students and Doctoral Scholars: <i>Grantsmanship 101</i>	
8:45 a.m. - 9:45 a.m.	Student Poster Presentations Session I			
9:45 a.m. - 10:45 a.m.	Student Poster Presentations Session II			
11:15 a.m. - 12:45 p.m.	Student Oral Presentations Session I			
1:00 p.m. - 2:30 p.m.		Lunch Panel: <i>The Graduate School Experience (PhD Program)</i>		
1:00 p.m. - 2:30 p.m.		Lunch Panel: <i>The Graduate School Experience (MD/PhD Program)</i>	Lunch Panel: <i>Life After Graduate School: The Postdoc Experience</i>	Lunch & Roundtable Discussion: <i>Navigating Your Career</i>
2:45 p.m. - 4:15 p.m.	Student Oral Presentations Session II			
4:20 p.m. - 4:30 p.m.	Break/Snack/Professional Headshots			
4:30 p.m. - 5:45 p.m.	Student Oral Presentations Session III			
6:00 p.m. - 7:00 p.m.	Program Specific Cohort Photo Opportunity: Lilly Scholars and Leadership Alliance Mellon Initiative Cohorts/ Individual Professional Headshots/Free Time			
7:00 p.m. - 9:00 p.m.	Dinner & Keynote Speaker			
9:00 p.m. - 10:00 p.m.			Leadership Alliance Community Meeting: <i>Leadership Alliance Overview Bok Center Players: Trouble in the Lab</i>	
9:00 p.m. - 12:00 a.m.	Dance Party			
<b>Day 3 - Recruiting Fair &amp; Next Steps</b>				
7:30 a.m. - 10:00 a.m.	Exhibitors Set-up for Recruiting Fair			
8:00 a.m. - 9:45 a.m.		Breakfast Panel: <i>Biosciences</i>	Graduate Student Breakfast: <i>Achieving Balance and Self Knowledge</i>	Doctoral Scholars Breakfast: <i>Preparing for Success</i>
8:00 a.m. - 9:45 a.m.		Breakfast Panel: <i>MD/PhD</i>		
8:00 a.m. - 9:45 a.m.		Breakfast Panel: <i>Social Sciences &amp; Humanities</i>		
8:00 a.m. - 9:45 a.m.		Breakfast Panel: <i>Engineering &amp; Physical Sciences</i>		
10:00 a.m. - 12:00 p.m.	Recruiting Fair/Exhibitors			
12:00 p.m. - 1:00 p.m.	Fill out surveys/Closing Remarks/Adjournment			





# LEADERSHIP ALLIANCE NATIONAL SYMPOSIUM AGENDA 2010

## FRIDAY, JULY 30

 Leadership Alliance Conference Registration ..... 11:00am – 3:00pm  
*Grand Ballroom Pre-function area*

 PowerPoint Preparation I ..... 11:00am – 3:00pm  
*Grand Ballroom E*

 Professional Headshots ..... 1:00pm – 3:00pm  
*Grand Ballroom Pre-function Area*

 Orientation/Networking/Funding Sessions by Discipline ..... 2:30pm – 5:15pm  
(Refreshments served 2:30 – 3:00pm. Session begins at 3:00pm)

### **Biosciences – Grand Ballroom A,B**

Moderators: Joel Oppenheim, Senior Associate Dean for Biomedical Sciences, New York University School of Medicine; Jocelyn Spragg, Faculty Director, Diversity Programs, Harvard University Division of Medical Sciences

Funding Panel:

- Emmitt R. Jolly, Jr., Assistant Professor of Biology, Case Western Reserve University, UNCF-Merck Science Initiative Fellow
- Tiffani Fonseca, Fellowship Programs Coordinator, Education Department, American Society for Microbiology
- Sharon Milgram, Director of the Office of Intramural Training and Education, National Institutes of Health

### **Social Sciences and Humanities – Brunswick A, B, C**

Moderators: Kenneth Warren, Deputy Provost for Research and Minority Issues, University of Chicago; Karen Jackson-Weaver, Associate Dean of Academic Affairs and Diversity, Princeton University

Funding Panel:


- Steven J. Breckler, Executive Director for Science, American Psychological Association
- Margaret Petrochenkov, Program Officer, Fellowships Office, National Academy of Sciences
- Cedric Williams, Program Director, Neural Systems, National Science Foundation, and Professor of Psychology and Neuroscience, University of Virginia


### **Engineering and Physical Sciences – Woodbridge and Piscataway**

Moderator: Michelle Nearon, Assistant Dean and Director, Office for Diversity and Equal Opportunity, Yale University

Funding Panel:

- Allyson Fauver, Policy Analyst, Media Specialist, Institute for Broadening Participation
- Scott Keller, Adjunct Instructor, MDT/MSU Design Unit Supervisor, Department of Civil Engineering, Montana State University-Bozeman
- Aileen Walter, Vice President, University Programs at the National Action Council for Minorities in Engineering

 PowerPoint Preparation II ..... 5:30pm – 6:45pm  
*Grand Ballroom E*

 Moderators Training ..... 5:30pm – 6:30pm  
*Trenton and Monroe*

Moderators: Laurel Southard, Director of Undergraduate Research in Biology, Cornell University, and Jabbar Bennett, Assistant Dean for Recruiting and Professional Development, The Graduate School, Brown University





 Doctoral Scholar Meet and Greet with Program Directors ..... 5:30pm – 6:30pm  
*Carlyle*

Moderator: Mark Hernandez, Professor, Department of Civil, Environmental, and Architectural Engineering, University of Colorado at Boulder

Discussants:


- Dean Evasius, Program Director, Division of Mathematical Sciences, National Science Foundation
- Dana Lehr, Associate Program Director in the Division of Astronomical Sciences, National Science Foundation
- Laina King, Director, Diversity in Life Science Programs, Keystone Symposia on Molecular and Cellular Biology
- Siovah Walker, Program Officer, Social Science Research Council
- Cedric Williams, Program Director, Neural Systems, National Science Foundation, and Professor of Psychology and Neuroscience, University of Virginia

 Dinner .....7:00pm  
*Grand Ballroom C, D*

 Welcome and Opening Remarks.....7:30pm  
*Grand Ballroom C, D*


Medeva Ghee, Acting Executive Director, Leadership Alliance


Liza Cariaga-Lo, Chair Symposium Planning Committee, Assistant Provost for Faculty Development and Diversity, Harvard University

 Alumni Research and Career Panel .....8:00pm – 9:30pm  
*Grand Ballroom C, D*

Moderator: Meda Higa, Postdoctoral Fellow, University of Pennsylvania

- Travis Boyce, Assistant Professor of Africana Studies and Social Science, University of Northern Colorado
- Marcus Jones, Staff Scientist, J. Craig Venter Institute
- Sophia Suarez, Assistant Professor, Department of Physics, Brooklyn College

 PowerPoint Preparation III.....9:30pm – 10:30pm  
*Grand Ballroom E*

 Reception for PhDs, Faculty Mentors, Coordinators, Graduate Students and Guests .....9:30pm – 10:30pm  
*Carlyle*



## SATURDAY, JULY 31









-  Professional Headshots .....7:00am – 11:00am  
*Grand Ballroom Pre-functional Area*
-  Posters Set-up .....7:30am – 8:45am  
*Grand Ballroom D,E*
-  Networking Breakfasts .....7:30am – 8:30am  
**Biosciences – *Grand Ballroom C***  
**Social Sciences and Humanities – *Grand Ballroom A***  
**Engineering and Physical Sciences – *Grand Ballroom B***  
**Leadership Alliance Mellon Initiative Networking Breakfast – *Woodbridge and Piscataway***  
**Lilly Scholars Program Networking Breakfast – *Boardroom II***
-  Grantsmanship 101 .....7:30am – 8:30am  
*Carlyle*  
 Moderator: Earnestine Baker, Assistant to the Vice President of Institutional Advancement and Executive Director, Meyerhoff Scholars Program, University of Maryland, Baltimore County
  - Cedric Williams, Program Director, Neural Systems, National Science Foundation, and Professor of Psychology and Neuroscience, University of Virginia
-  Student Poster Presentations .....8:45am – 10:45am  
*Grand Ballroom D,E*  
 Session I .....8:45am – 9:45am  
 Session II .....9:45am – 10:45am
-  Student Oral Presentations Session I .....11:15am – 12:45pm
-  Lunch and Panel Discussion for Undergraduates,  
**Interested in the PhD: The Graduate School Experience** .....1:00pm – 2:30pm  
*Grand Ballroom C*  
 Moderator: Pamela Scott-Johnson, Chair and Associate Professor, Department of Psychology, Morgan State University
  - Brenda Cadiz-Rivera, University of Rochester, Biochemistry
  - Charisma Edwards, Louisiana State University Baton Rouge, Electrical Engineering
  - Oscar Figueredo, Cornell University, Hispanic Literature
  - Andrew Hao, University of California, Berkeley, Socio-Cultural Anthropology
-  Lunch and Panel Discussion for Undergraduates,  
**Interested in the MD/PhD: The Graduate School Experience** .....1:00pm – 2:30 pm  
*Grand Ballroom A*  
 Moderator: Ruth Gotian, Administrative Director, Weill Cornell/Rockefeller/Sloan-Kettering, Tri-Institutional MD-PhD Program
  - Aliya Frederick, Vanderbilt University
  - Tiffany Link, Johns Hopkins University
  - Joseph Marlin, New York University School of Medicine
  - Jose Ricardo McFaline-Figueroa, Columbia University

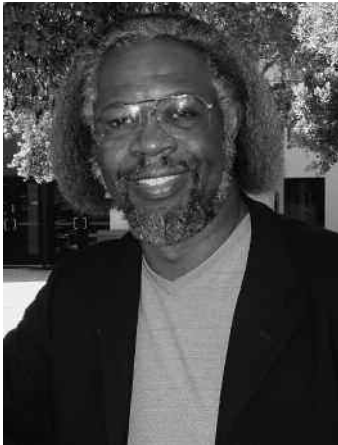


- Lunch and Panel Discussion for Graduate Students,  
**Life after Graduate School: The Postdoc Experience** .....1:00pm – 2:30pm  
*Grand Ballroom B*  
 Moderator: David Redman, Associate Dean for Academic Affairs, Princeton University
  - Million Arefayene, Postdoctoral Scientist, Eli Lilly and Company
  - Charla Lambert, NIH IRACDA Postdoctoral Fellow, University of Pennsylvania
  - Paulette McRae, Postdoctoral Fellow, Children’s Hospital of Philadelphia, Diversity Officer, NPA
  - Marguerite Nguyen, Mellon Postdoctoral Fellow, Department of English, Tulane University
  - Glenn Rowe, Postdoctoral Fellow, Biological Sciences, Harvard University
  
- Lunch and Roundtable Discussion for Doctoral Scholars,  
**Navigating Your Career** .....1:00pm – 2:30pm  
*Carlyle*  
 Moderator: John Wilson, Co-Director, Dillard University Minority Health & Health Disparities Research Center and Professor of Biology, Dillard University  
 Discussants: Cedric Williams, National Science Foundation and University of Virginia; Medeva Ghee, Leadership Alliance  
 Topic: Government/Non-profit  
 Discussant: Willie Pearson, Georgia Institute of Technology; Dawn Brown, Eli Lilly and Company  
 Topic: Industry  
 Discussants: Liza Cariaga-Lo, Harvard University; Patti Lee-Robinson, Chaminade University of Honolulu  
 Topic: Academia
  
- Student Oral Presentations Session II .....2:45pm – 4:15pm
- Break .....4:15pm – 4:30pm
- Student Oral Presentations Session III.....4:30pm – 5:45pm
- Professional Headshots .....5:30pm – 7:00pm  
*Grand Ballroom Pre-function Area*
- Program Specific Cohort Photo Opportunity .....6:00pm – 7:00pm  
*Hotel Lobby*  
 Lilly Scholars Program Participants  
 Leadership Alliance Mellon Initiative Participants
- Dinner and Keynote Speaker .....7:00pm – 9:00pm  
*Grand Ballroom C,D*
- Leadership Alliance Community Meeting .....9:00pm – 10:00pm  
 Faculty Mentors, Coordinators, Doctoral Scholars, Administrators, Graduate Students and Guests  
*Grand Ballroom A*  
 Moderators: Liza Cariaga-Lo, Chair Symposium Planning Committee, Assistant Provost for Faculty Development and Diversity, Harvard University and Medeva Ghee, Acting Executive Director, Leadership Alliance
- Dance.....9:00pm – 12:00am  
*Grand Ballroom E*



## SUNDAY, AUGUST 1

-  Exhibitors Set-up for Recruiting Fair.....7:30am – 10:00am  
*Grand Ballroom D, E*
-  Breakfast and Panels: The Graduate School Application Process.....8:00am – 9:45am  
(Breakfast served 8:00 – 8:45am. Panels begin at 8:45am)
- Biosciences — Grand Ballroom C**  
Moderator: Joel Oppenheim, Senior Associate Dean for Biomedical Sciences,  
New York University School of Medicine
- Anita Blanco, Director, Genetics and Genomics Diversity Program, Stanford University School of Medicine
  - Laurel Southard, Director of Undergraduate Research in Biology, Cornell University
  - Jocelyn Spragg, Faculty Director, Diversity Programs, Division of Medical Sciences
- MD/PhD — Grand Ballroom A**  
Moderator: Ruth Gotian, Administrative Director, Weill Cornell/Rockefeller/Sloan-Kettering,  
Tri-Institutional MD-PhD Program
- Lawrence “Skip” Brass, Associate Dean and Director, University of Pennsylvania MD-PhD Program
  - Sharon Welling, Director of Finance and Operations, Johns Hopkins University MD-PhD Program
- Social Sciences and Humanities — Grand Ballroom B**  
Moderator: Louise Hainline, Dean, Research and Graduate Studies, Brooklyn College
- Liza Cariaga-Lo, Assistant Provost for Faculty Development and Diversity, Harvard University
  - David Redman, Associate Dean of Academic Affairs, Princeton University
  - Kenneth Warren, Deputy Provost for Research and Minority Issues, University of Chicago
- Engineering and Physical Sciences — Brunswick A,B**  
Moderator: Mark Hernandez, Professor in the Department of Civil, Environmental and Architectural  
Engineering, University of Colorado at Boulder
- Michelle Nearon, Assistant Dean and Director, Office for Diversity and Equal Opportunity, Yale University
  - Scott Keller, Adjunct Instructor, MDT/MSU Design Unit Supervisor, Department of Civil Engineering,  
Montana State University-Bozeman
-  Graduate Student Breakfast Seminar: Achieving Balance and Self Knowledge.....8:00am – 9:45pm  
(Breakfast served 8:00-8:45am. Panels begin at 8:45am)  
*Piscataway*  
Moderator: Jabbar Bennett, Assistant Dean for Recruiting and Professional Development, The Graduate  
School, Brown University
- Lynette Lopes, Imagine You lc
-  Doctoral Scholars Breakfast: Preparing for Success .....8:00am – 9:45am  
*Carlyle*  
Moderator: Cheryl Apprey, Director of Graduate Student Diversity Programs, University of Virginia
- Keith Micoli, Manager Postdoctoral Programs, Sackler Institute of Graduate Biomedical Sciences, New  
York University School of Medicine
-  Recruiting Fair/Exhibitors.....10:00am – 12:00pm  
*Grand Ballroom D, E*
-  Fill out surveys — *Grand Ballroom A, B, C*.....12:00pm – 12:30pm
-  Closing Remarks — *Grand Ballroom A, B, C*.....12:30pm – 1:00pm  
Medeva Ghee, Acting Executive Director, Leadership Alliance
-  Adjourn & Departures — *Grand Ballroom A, B, C* .....1:00pm



JIM GATES

**S**ylvester “Jim” Gates is the John S. Toll Professor of Physics at the University of Maryland at College Park, the first African American to hold an endowed chair in physics at a major research university in the United States. Dr. Gates has held appointments at MIT, Harvard, the California Institute of Technology and Howard University. He has served as a consultant to the National Science Foundation, the U.S. Department of Energy, the U.S. Department of Defense, the Educational Testing Service and Time-Life Books, and is a member of the Maryland State Board of Education. Gates was named in April 2009 by President Obama as a member of the President’s Council of Advisors on Science and Technology (PCAST). Dr. Gates has also been engaged in many issues of science and education policy at the international level.

Dr. Gates is a Fellow of the American Association for the Advancement of Science (AAAS), and was named by AAAS as the winner of its 2006 Public Understanding of Science and Technology Award. He is also a Fellow of the American Physical Society (APS), and the National Society of Black Physicists (NSBP), where he was a past president. Dr. Gates was the first recipient of the APS Bouchet Award. In 1983, he co-authored the book “*Superspace: 1001 Lessons in Supersymmetry*,” which more than two decades later remains a standard in the field. He has authored or co-authored over 200 research papers published in scientific journals, and contributed numerous articles in others. Dr. Gates has also appeared in four scientific documentaries on PBS.

Among his students, Dr. Gates is known as an inspiring teacher and role model. He has received many awards for his work as an educator. His awards include the MIT Martin Luther King, Jr. Leadership Award (1997), the College Science Teacher of the Year of the Washington Academy of Sciences (1999), and the Klopsteg Award of the American Association of Physics Teachers (2002). Gates delivered the annual Karplus Lecture to the National Science Teacher’s Association (2007), and received the Public Understanding of Science & Technology Award from the American Association for the Advancement of Science (2007). Dr. Gates has also received honorary Ph.D. degrees from Georgetown University (2001), and Loyola University - Chicago (2005).

Dr. Gates has a B.S. degree in both mathematics and physics, and a Ph.D. degree in elementary particle physics and quantum field theory, both from the Massachusetts Institute of Technology. His thesis was the first written at MIT on supersymmetry, an area closely related to string theory.