

THE UNIVERSITY OF ALABAMA AT BIRMINGHAM (UAB)

The President's
DIVERSITY LUNCHEON

sponsored by

**The Office of the President
and
The Office of the Vice President
for Equity and Diversity**

January 23, 2013
UAB Alumni House
Birmingham, Alabama

UAB has a longstanding commitment to diversity and inclusiveness. In The Princeton Review, UAB has been heralded as "truly a great American melting pot" and a "mecca of multiculturalism" and is ranked among the top five universities nationally for diversity.

UAB

THE UNIVERSITY OF ALABAMA AT BIRMINGHAM

The University of Alabama at Birmingham is a research university and academic health center that is positioned to attain its vision of being an internationally renowned research university: a first choice for education and health care. Located in the heart of Birmingham, Alabama, the campus covers 82 city blocks and has a student enrollment of more than 18,000 from around the state, nation and world. UAB is known for its outstanding research, its patient care and its innovative educational programs. In addition to its reputation for biomedical programs, UAB's expertise extends to business, education, music technology, engineering, social sciences and many other fields.

UAB is home to a large graduate school, a world-renowned health care complex and more than 70 research centers. UAB is committed to providing undergraduate programs that are broad-based and designed to serve the needs of a diverse student body without sacrificing a strong general educational foundation. The central mission of UAB is to discover, teach and apply knowledge for the intellectual, cultural, social and economic benefit of Birmingham, the state and beyond. UAB recognizes that teaching and research are mutually supportive activities. Therefore, while a high priority is the development of student potential through excellent teaching, the promotion of research that is recognized at national and international levels is also of major significance.

TRUSTEES

The Honorable Robert J. Bentley
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PRESIDENT

Dr. Richard Marchase, Interim

PROVOST

Dr. Linda Lucas

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Dr. Louis Dale	Vice President for Equity and Diversity
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Dr. Doug Rigney	Vice President for Information Technology
Dr. Ray L. Watts	Senior Vice President for Medicine



COMMUNITY WEEK

January 21-26, 2013

What Is Community Week?

Motivated by the vision of “enriching the university experience by valuing diversity and providing opportunities for lifelong learning,” it is the pleasure of the Office of the Vice President for Equity and Diversity and the Office of the Provost to announce **UAB Community Week, January 21 - 26, 2013.**

The purposes of the week, which has been endorsed by Interim President Richard Marchase and the President’s Cabinet, are to recognize UAB’s diverse population and to provide opportunities to learn about and appreciate diversity through various programs.

These include lectures, discussions, films, volunteer projects, cultural events, an international bazaar, the President’s Diversity Luncheon and an annual Diversity Awards Banquet.

UAB Community Week 2013 celebrates UAB’s unique student body and workforce by encouraging unity, dialogue and learning. Each year a mixture of student groups and academic and administrative departments come together to create a week that promotes understanding and unification around campus.

What Is The UAB Diversity Award?

As a part of UAB Community Week 2013, the Office of the Vice President for Equity and Diversity and the Office of the Provost announced a call for nominations for the UAB Diversity Award. Former President Carol Z. Garrison emphasized the importance of institutional diversity and established a definitive goal for the university to nurture diversity of thought, culture, gender and ethnicity.

In recognition of this important objective, the university established the UAB Diversity Award in honor and appreciation of those who have demonstrated outstanding efforts towards advancing the university’s mission of embracing diversity while maintaining academic excellence. There are five categories in which these outstanding individuals may be nominated: faculty, staff and professional, graduate and undergraduate students. A panel of faculty and staff review nominations and select winners. The winners are recognized at the annual UAB Diversity Awards Banquet.

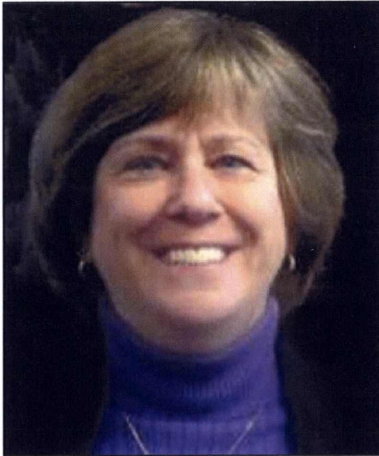




National Science Foundation
WHERE DISCOVERIES BEGIN

GUEST SPEAKER

Dr. Joan Ferrini-Mundy



Dr. Joan Ferrini-Mundy is Assistant Director of the National Science Foundation (NSF) for Education and Human Resources, a position she has held since February 2011, and is responsible for the leadership of the NSF Directorate for Education and Human Resources (EHR). She had served the Foundation in a number of capacities since 2007 including as inaugural director (through an Intergovernmental Personnel Act appointment) of the EHR Directorate's Division of Research on Learning in Formal and Informal Settings.

From 2007 through 2009, Ferrini-Mundy was a member of the National Science and Technology Council's (NSTC) Subcommittee on Education, and currently co-chairs the Strategic Plan workgroup of the National Science and Technology Council Committee on STEM Education. She is a member of the Mathematics Expert Group of the Programme for International Student Assessment (PISA), and in 2007-2008, representing NSF, she served as an ex officio member of the President's National Mathematics Advisory Panel, and co-chaired its Instructional Practices Task Group.

From 1999 - 2011 Ferrini-Mundy held an appointment at Michigan State University (MSU), where she was a University Distinguished Professor of Mathematics Education in the Departments of Mathematics and Teacher Education, and Associate Dean for Science and Mathematics Education in the College of Natural Science. Her research interests include calculus teaching and learning, mathematics teacher learning, and mathematics and science education policy at the K-12 level. Ferrini-Mundy holds a PhD in mathematics education from the University of New Hampshire. She was elected a fellow of the American Association for the Advancement of Science in 2011.



THE PRESIDENT'S DIVERSITY LUNCHEON

UAB Alumni House

January 23, 2013

PROGRAM

Welcome

Dr. Louis Dale

Vice President for Equity and Diversity, UAB

Greetings

Dr. Richard Marchase

Interim President, UAB

Lunch will be served.

Introduction of Speaker

Dr. John Mayer

Associate Chair, Department of Mathematics, UAB

Speaker

Dr. Joan Ferrini-Mundy

Assistant Director, National Science Foundation

Special Presentation

Dr. Carolyn Braswell

Associate Vice President, Equity and Diversity, UAB

Closing Remarks

Dr. Linda Lucas

Provost, UAB



The National Science Foundation

Dr. Subra Suresh, *Director*

Dr. Cora Marrett, *Deputy Director*



The National Science Foundation (NSF) is an independent federal agency created by Congress in 1950 "to promote the progress of science; to advance the national health, prosperity and welfare; to secure the national defense..." With an annual budget of \$7.033 billion (FY 2012), we are the funding source for approximately 20 percent of all federally supported basic research conducted by America's colleges and universities. In many fields such as mathematics, computer science and the social sciences, NSF is the major source of federal backing.

WHO WE ARE

NSF leadership has two major components: a director who oversees NSF staff and management responsible for program creation and administration, merit review, planning, budget and day-to-day operations; and a 24-member National Science Board (NSB) of eminent individuals that meets six times a year to establish the overall policies of the foundation. The director and all Board members serve six year terms. Each of them, as well as the NSF deputy director, is appointed by the President of the United States and confirmed by the U.S. Senate. At present, NSF has a total workforce of about 2,100 at its Arlington, VA., headquarters, including approximately 1,400 career employees, 200 scientists from research institutions on temporary duty, 450 contract workers and the staff of the NSB Office and the Office of the Inspector General.

WHAT WE DO

As described in our strategic plan, NSF is the only federal agency whose mission includes support for all fields of fundamental science and engineering, except for medical sciences. We are tasked with keeping the United States at the leading edge of discovery in areas from astronomy to geology to zoology. So, in addition to funding research in the traditional academic areas, the agency also supports "high-risk, high pay-off" ideas, novel collaborations and numerous projects that may seem like science fiction today, but which the public will take for granted tomorrow. And in every case, we ensure that research is fully integrated with education so that today's revolutionary work will also be training tomorrow's top scientists and engineers.

HOW WE WORK

NSF's task of identifying and funding work at the frontiers of science and engineering is not a "top-down" process. NSF operates from the "bottom up," keeping close track of research around the United States and the world, maintaining constant contact with the research community to identify ever-moving horizons of inquiry, monitoring which areas are most likely to result in spectacular progress and choosing the most promising people to conduct the research.

The President's
DIVERSITY LUNCHEON

January 23, 2013
UAB Alumni House
12:00 Noon

Attendees

The University of Alabama at Birmingham
Faculty, Staff and Students (104)

1. Dr. Olivia Affuso
2. Dr. Jonas S. Almeida
3. Dr. Donna Arnett
4. Mr. Maurice Asouzu
5. Dr. Karlene Ball
6. Dr. Olga Beliaeva
7. Dr. Joel Berry
8. Dr. Martha Bidez
9. Dr. Serge Bokobza
10. Dr. Mary-Ann Bjornsti
11. Dr. Scott Brande
12. Dr. Carolyn Braswell
13. Dr. Daniel C. Bullard
14. Dr. April Carson
15. Dr. Olivio Clay
16. Dr. Jim Coker
17. Dr. Bill Cockerham
18. Dr. Renato Corbetta
19. Dr. Lori Cormier
20. Dr. Louis Dale
21. Dr. Catherine Danielou
22. Dr. Derrick Dean
23. Dr. Alan W. Eberhardt
24. Dr. Isao Eto
25. Dr. Michelle V. Fanucchi
26. Dr. Elizabeth Gardner
27. Dr. Timothy Gawne
28. Dr. Amber Genau
29. Dr. John Grimes
30. Dr. David Graves
31. Dr. William Grizzle
32. Dr. Wendy Gunther-Canada
33. Dr. Akhlaque Haque
34. Dr. Mark Hickson
35. Dr. David Hilton
36. Dr. Kejin Hu
37. Mr. Byron Hurst
38. Dr. Jeanne Hutchison
39. Dr. Peter Jezewski
40. Dr. Pauline Jolly
41. Mr. Christopher Jones
42. Ms. Denise Joseph
43. Dr. Kent Kerley
44. Dr. Helen Kim
45. Dr. Robert Kimberly
46. Dr. Lynn Kirkland
47. Ms. Karen King
48. Dr. Melinda Lalor
49. Dr. Chris Lawson
50. Dr. Elliot J. Lefkowitz
51. Dr. Karthik Lingasubramania
52. Mr. Jeff Little
53. Dr. Christopher Lowther
54. Dr. Farah Lubin
55. Dr. Linda Lucas, *Provost*
56. Dr. Angela K. Lewis
57. Dr. Richard Marchase, *Interim President*
58. Dr. John Mayer
59. Ms. Treva McAboy
60. Dr. Miguel Melendez-Ferro
61. Dr. Kristi Menear
62. Dr. Steven Merritt
63. Dr. Kathryn Morgan
64. Dr. David Morrow
65. Dr. Karolina M. Mukhtar
66. Dr. Shahid Mukhtar
67. Dr. Timothy R. Nagy
68. Dr. Marius Nkashama
69. Dr. Robert Palazzo
70. Dr. Boris Pasche
71. Dr. Emma Perez-Costas
72. Dr. Bob Peters
73. Dr. Brian Pillay
74. Dr. Susan Rich
75. Simone Ridgeway
76. Dr. Rosalinda C. Roberts
77. Mr. Julius Robinson
78. Dr. Jane Roy
79. Dr. David Schwebel
80. Dr. Anthony Skjellum
81. Dr. Rose Scripa
82. Dr. David Shealy
83. Dr. Melanie Shores
84. Dr. John Sloan
85. Dr. Scott Snyder
86. Dr. Andrei Stanishevsky
87. Ms. Marie Sutton
88. Dr. Hessem Taherian
89. Dr. Murat Tanik
90. Dr. Robert Thacker
91. Ms. Kelli Thompson
92. Dr. Uday Vaidya

93. Dr. Vladimir Vantsevich
94. Dr. Kristina Visscher
95. Dr. Yogesh Vohra
96. Dr. Deborah Voltz
97. Dr. Steve Watts
98. Dr. Rudi Weikard
99. Dr. Tim Wick
100. Mr. Steve Wood
101. Dr. Nicole C. Wright
102. Dr. J. Michael Wyss
103. Dr. Nikos Zahariadis
104. Dr. Mary Ellen Zvanut

Alabama LSAMP

1. Dr. Luther Williams, *Provost*, Tuskegee University

Site Coordinators (10)

1. Dr. Viola Acoff, The University of Alabama
2. Dr. Florence Holland, Auburn University
3. Dr. Shaik Jeelani, Tuskegee University
4. Dr. Mary Jane Krotzer, Stillman College
5. Dr. Kenneth LaiHing, Oakwood University
6. Dr. Carl Pettis, Alabama State University
7. Dr. John Steadman, University of South Alabama
8. Dr. Sam Subramaniam, Miles College
9. Dr. Emanuel Waddell, The University of Alabama in Huntsville
10. Dr. Herman Windham, Tuskegee University

Students (21)

1. Joy Agee
2. Matthew Bishop
3. Jaquice Hughes Boyd
4. Michael Daniel
5. Morgan Davis
6. Romone Fancy
7. Alanzo Granville
8. Nicole Gray
9. Carol Harden
10. Christophe Jackson
11. Samuel Jasper
12. Carnella Lee
13. Tiara Napier
14. Harsh Patel
15. Deonna N. Pompey
16. Veronica Powell
17. Diane Render
18. Kevin Scriber
19. Dennis Steverson
20. Derrick Stokes
21. Glenn Terrell

Florida-Georgia LSAMP

Principal Investigator & Co-PI's (3)

1. Dr. Bernard Baston
2. Mr. Byron Greene
3. Dr. Ralph Turner

Students (1)

1. Tamina Johnson

Houston LSAMP

Faculty (1)

1. Dr. Beverly Brown

Kentucky-West Virginia LSAMP

Principal Investigator and Faculty (3)

1. Dr. Judy Jackson
2. Dr. David Miller
3. Dr. Jeffery Osborn

Louisiana LSAMP

Co-Principal Investigator (1)

1. Dr. Luria Young

Students (3)

1. Desmond Fernandez
2. Ariel Harrison
3. Jalissa Wynda

Mississippi LSAMP

Co-Principal Investigator (1)

1. Dr. Ashton Hamme II

Students (3)

1. Aisha Reed
2. Shelton Griffith
3. Lisa Wren

NAPIRE

Co-Principal Investigator (1)

1. Dr. Jonathan Giles

National Science Foundation

Assistant Director (1)

1. Dr. Joan Ferrini-Mundy

New Mexico LSAMP

Principal Investigator and Faculty (2)

1. Ms. Michele Auzenne
2. Dr. Ricardo Jacques

Peach State LSAMP

Director (1)

1. Dr. Angela Birkes-Grier

South Carolina LSAMP

Executive Director (1)

1. Dr. Judith Salley

University of Texas System LSAMP

Principal Investigator and Faculty (2)

1. Dr. Ariana Arciero-Pino
2. Dr. Benjamin Flores

The President's
DIVERSITY LUNCHEON

January 23, 2013
UAB Alumni House
12:00 Noon

POSTER TITLES

Alabama LSAMP	
Tuskegee University Bridge to the Doctorate Alumni	
NAME	POSTER TITLE
Morgan Davis	Characterization of High Performance Carbon/Epoxy-CNF Laminated Composites under Dynamic Loads
Vertonica Powell	Processing and Performance Evaluation of Composites Made from a Biobased Polymer and Surface Treated Woven Flax Fibers
Diane Render	Biobased Calcium Carbonate Nanoparticles for Drug Delivery Applications
The University Alabama at Birmingham Bridge to the Doctorate Fellows	
NAME	POSTER TITLE
Matthew Bishop	1,1-Diamino-2,2-Dinitroethylene (FOX-7) Under High Pressure-Temperature
Michael Daniel	Pterostilbene: Regulatory Effects on Breast Cancer Cells In Vitro
Romone Fancy	Characterize CaM/Fas Death Domain Interaction with Combined ITC, CD and Computational Studies
Carol Harden	Alterations in the Induction of Muscarinic M1 Receptor Dependent Long-Term Depression in Juvenile versus Adult Rats
Carnella Lee	Growth Characteristics of Breast Cancer Stem Cells In Vitro and In Vivo
Tiara Napier	Effect of the Combined Treatment of TRA-8, an Agonistic DR5 Antibody, and Tamoxifen on Breast Cancer Cell Apoptosis
Harsh Patel	Tubular Electrospun Scaffold for Vascular Tissue Engineering Application
Deonna N. Pompey	Implementing Methods to Obtain Low-Dimensional Subspaces of High-Dimensional Structures
Kevin Scriber	Examination of the Feeding Preferences of the Freshwater Amphipod <i>Hyalella Azteca</i> for Aquatic Vascular Plants, and Algae: the Potential Roles of Prey Nutritional Quality, Structural and Chemical Defenses
The University Alabama at Birmingham Bridge to the Doctorate Alumni	
NAME	POSTER TITLE
Jaquice Hughes Boyd	The Effects of Sodium Silicate on the Drinking Water of Birmingham, AL
Alanzo Granville	Construction of 3D Cardiopulmonary Resuscitation Emergency Scenarios for First Responder Pre-Nursing Training on Stereoscopic Display Systems
Nicole Gray	Development of a Concept Exploration Based Teaching Methodology for Undergraduate Chemistry Education

Christophe Jackson	Save Sounds Initiative New Orleans Musicians Clinic - Assessing the Barriers to Hearing Loss Prevention in Music Students
Samuel Jasper	Damping Characteristics of Long- Fiber Thermoplastics
Dennis Steverson	Tribble 3 is induced in macrophages during foam cell formation and facilitates lipid accumulation in a TLR4 dependent manner
Glenn Terrell	The Potential Unintended Effects Of Meeting Water Quality Regulations: A Distribution Metals Release Study
The University of Alabama Bridge to the Doctorate Alumnus	
NAME	POSTER TITLE
Derrick Stokes	Development of Ti-TiAl3 Metallic-Intermetallic Composites for Structural, Defense, and Aerospace Applications
The University of Alabama in Huntsville Graduate Student	
NAME	POSTER TITLE
Joy Agee	Genomic Regulation in Triple Negative Breast Cancer by Glucocorticoid Receptor and STAT3
Florida Georgia LSAMP	
University of South Florida	
NAME	POSTER TITLE
Tamina Johnson	Expression and Purification of Recombinant Functional Biomaterials for Neuronal Regeneration
Louisiana LSAMP	
Southern University and A&M College	
NAME	POSTER TITLE
Desmond Fernandez	Uniform" Planning Target Volume of Proton Therapy for Pediatric Brain Tumors
Ariel Harrison	Sweet tastants influence insulin synthesis in β cells in Islets of Langerhans
Jalissa Wynda	The Function of Ethylene in Synechocystis, Sp. PPC6803
Mississippi LSAMP	
Jackson State University	
NAME	POSTER TITLE
Shelton Griffith	Scenario Driven Data Modeling: A Method for Integrating Diverse Sources of Data and Data Streams
Aisha Reed	Silica-TMPyP for Photodynamic Therapy
Lisa Wren	Effect of Various Agonists and Pathological Cyclic Stretch on Connexin 43 Protein Expression

Education and Human Resources (EHR)

Dr. Joan Ferrini-Mundy, *Assistant Director* Dr. Pamela G. O'Neil, *Deputy Assistant Director*

The mission of EHR is to achieve excellence in U.S. science, technology, engineering and mathematics (STEM) education at all levels and in all settings (both formal and informal) in order to support the development of a diverse and well-prepared workforce of scientists, technicians, engineers, mathematicians and educators and a well-informed citizenry that have access to the ideas and tools of science and engineering. The purpose of these activities is to enhance the quality of life of all citizens and the health, prosperity, welfare and security of the nation.

GOALS

1. Prepare the next generation of STEM professionals and attract and retain more Americans to STEM careers.
2. Develop a robust research community that can conduct rigorous research and evaluation that will support excellence in STEM education and that integrates research and education.
3. Increase the technological, scientific and quantitative literacy of all Americans so that they can exercise responsible citizenship and live productive lives in an increasingly technological society.
4. Broaden participation (individuals, geographic regions, types of institutions, STEM disciplines) and close achievement gaps in all STEM fields.

CAPACITY-BUILDING STRATEGIES

1. Identify effective ways to prepare and support teachers and faculty who can inspire and challenge students in the STEM disciplines and to provide them with effective materials and strategies to promote and assess learning;
2. Invest in research on learning, facilitating the translation of research into practice, and create supportive learning environments and STEM pathways by developing models of reform/systemic change at both institutional and multi-institutional levels through networking, partnerships, alliances and collaborations;
3. Ensure that the STEM community is broadly representative of the nation's individuals, geographic regions, types of institutions and STEM disciplines; and
4. Identify effective ways (formal and informal) to address the STEM knowledge requirements of adults so that they can be productive members of the workforce and informed and active citizens.

UAB COMMUNITY WEEK ACTIVITIES: January 19-26, 2013

- January 19** SONGS OF FREEDOM GLENN MCCLURE Alys Stephens Center, Jemison Concert Hall | 3:00 pm
Sponsored by College of Arts & Sciences - Music Department
- January 21** MLK DAY OF SERVICE UAB Great Hall | 11:30 am - 4:00 pm
Sponsored by Leadership and Service Council (LSC), The Black Student Awareness Committee (BSAC) & the UAB Multicultural Council
- January 22** CIVIC ENGAGEMENT FAIR UAB Great Hall | 10:00 am - 2:00 pm
Sponsored by Student Involvement Career Center Honors College
- MULTICULTURAL MIXER Alumni Auditorium | 6:30 pm
Sponsored by UAB Multicultural Council
- WHEELCHAIR FLAG FOOTBALL GAME UAB Campus Recreation Center | 6:00 pm
Sponsored by Disability Support Services, in collaboration with UAB Campus Recreation Center & Lakeshore Foundation
- January 23** THE PRESIDENT'S DIVERSITY LUNCHEON UAB Alumni House | Noon
Sponsored by The Offices of the President & The Vice President for Equity and Diversity
- INTERNATIONAL BAZAAR HUC Great Hall | 11:00 am - 3:00 pm
Sponsored by UAB InterCulture Committee
- INTERNATIONAL TEA Lister Hill Library | 12:30 pm - 2:30 pm
Sponsored by Lister Hill Library
- COMMON CULTURES IN CARE: A NURSING PERSPECTIVE HUC Alumni Auditorium | 4:00 pm
Sponsored by UAB School of Nursing & UAB Student Nurses Association
- January 24** UAB DIVERSITY AWARDS BANQUET UAB Alumni Society House | 6:30 pm
Sponsored by Student Life & The Office for Equity & Diversity
- MICHAEL FRANTI Alys Stephens Center, Jemison Concert Hall | 7:30 pm
Sponsored by UAB College of Arts & Sciences, Anthropology & Social Work
- January 25** AWARE DISABILITY MANAGEMENT PROGRAM Administration Building Lobby | 9:00 am - 11:00 am
Sponsored by UAB Human Resources
- WORD OF MOUTH UAB Health Smart 301 20th Street | 10:00 am - 2:00 pm
Sponsored by UAB Dentistry
- INTERNATIONAL COFFEE HOUR Smolian International House | 11:30 am - 1:00 pm
Sponsored by International Recruitment & Student Services & Lister Hill Library
- BIRMINGHAM, BLENDING OF THE PAST AND THE PRESENT Mervyn H. Sterne Library, Room 174 |
Sponsored by Mervyn H. Sterne Library 4:00 pm with reception to follow
- INTERNATIONAL WELCOME PARTY HUC Great Hall | 7:00 pm - 9:00 pm
Sponsored by International Mentors
- January 26** "8" THE PLAY Alys Stephens Center, Sirote Theater | 7:00 pm
Sponsored by The UAB Department of Theatre, in collaboration with The Alliance For LGBT Equality at UAB

**For more information, contact Multicultural & Diversity Programs Office of Student Activities
Hill University Center, Room 136 or call 205.934.8225 | diversity@uab.edu**