



**Tenth Annual Field of Dreams Conference**  
**Hosted by:**  
**The National Alliance for Doctoral Studies**  
**in the Mathematical Sciences & Washington University in St. Louis**  
*November 4-6, 2016*

**Friday, November 4**

| Time  | Event  | Room                 |
|---|--|----------------------|
| 12:00-4:00 pm                                     | Registration   | Concourse Foyer      |
| 12:00-9:30 pm                                     | Mix, Mingle and Network  | Heathrow AB          |
| 1:30-2:00 pm<br>(all undergrad scholars)          | <b>Maximizing Opportunities</b><br>Interactive workshop<br><b>Facilitators:</b> Syvillia Averett- College of Coastal Georgia; Miles Dietz- University of Iowa; Rosemary Guzman-University of Illinois at Urbana-Champaign  | Concourse Ballroom   |
| 2:00-3:00 pm<br>(undergrads sophomores & juniors) | <b>REU- The Value of a Research Experience</b><br>Summer internships are a great way to learn more about the climate and culture of graduate school.<br><b>Moderator:</b> Tuncay Aktosun, University of Texas at Arlington<br><b>Panelists:</b> Helena Noronha- California State University, Northridge; Ariel Cintron-Arias-  | Lambert Ballroom     |
| 2:00-3:00 pm                                      | <b>Math Institutes Presentations</b><br><b>Moderator:</b> David Goldberg, Purdue University<br><b>Panelists:</b> Edray Goins, MSRI & Purdue University; Benjamin Risk, SAMSI & University of North Carolina- Chapel Hill; William Velez, PCMI & Arizona State University; Ulrica Wilson, ICERM & Morehouse College   | Concourse Ballroom   |
| 3:00-3:45 pm<br>(Everybody)                       | <b>Mathematics and Music</b><br><b>Moderator:</b> Phil Kutzko, University of Iowa<br><b>Speaker:</b> David Wright, Washington University in St. Louis  | Concourse Ballroom   |
| 4:00-4:30 pm                                      | <b>Welcome</b> <ul style="list-style-type: none"> <li>• Philip Kutzko, Professor of Mathematics, University of Iowa and Director, National Alliance for Doctoral Studies in the Mathematical Sciences</li> <li>• David Goldberg – Professor of Mathematics, Purdue University and Executive Director, National Alliance for Doctoral Studies in the Mathematical Sciences</li> <li>• Elizabeth Taparowsky, Associate Dean College of Science, Purdue University</li> <li>• Holden Thorp, Provost, Washington University</li> <li>• Rochelle Smith, Assistant Provost, Washington University</li> </ul> | Concourse Ballroom   |
| 4:30-5:15 pm                                      | <b>Fields of Success: Alliance graduates tell their stories</b><br><b>Moderator:</b> Donald Cole<br><b>Panelists:</b> Alejandra Alvarado-Eastern Illinois University; Syvillia Averett-College of Coastal Georgia; Mاتي Ortiz-Albino- University of Puerto Rico, Mayaguez; Victor Vega- College of Coastal Georgia   | Concourse Ballroom   |
| 5:15-6:30 pm                                      | <b>Dinner and Poster Session</b>   | Renaissance Ballroom |

|                              |  |                  |
|------------------------------|--|------------------|
| 6:45-7:30 pm                 | <b>REU and MSI Fair</b>  | Gatwick AB       |
| 7:30-8:30 pm<br>(MS Faculty) | <b>MS Programs Meeting</b><br><b>Moderator:</b> Helena Noronha | Lambert Ballroom |
| 8:00-9:00 pm                 | <b>Employment Opportunities</b>                                | Concourse Foyer  |
| 8:30- 9:30 pm                | <b>Gulf States Alliance Meeting</b>                            | Lambert Ballroom |

## Saturday, November 5

| Time/Location                               | Event   | Room                 |
|---|---|----------------------|
| 8:00-12:00 pm                               | Registration  | Concourse Foyer      |
| 8:00-9:00 am                                | Breakfast buffet  | Renaissance Ballroom |
| 9:00-10:00 am<br><b>(everybody)</b>         | <b>Math Science Talk</b><br>Speaker: <b>Roger Peng, Johns Hopkins University</b><br><b>Title:</b> Data Science: The Good, the bad, and the future   | Concourse Ballroom   |
| 10:00-10:15 am                              | Break   | Concourse Foyer      |
| 10:15-10:30 am<br>(everybody)               | <b>State of the Alliance</b><br>Edray Goins, David Goldberg, and Phil Kutzko  | Concourse Ballroom   |
| 10:35-11:35 am<br><b>(Doctoral Mentors)</b> | <b>Mentoring at the Doctoral Level</b><br>Alliance Doctoral Mentors will discuss their experiences and lessons learned. They will discuss the role that mentors play at PhD granting departments and give some practical advice for new mentors.<br><b>Moderator:</b> Richard McGehee<br><b>Panel:</b> Renato Feres-Washington University; Michelle Lacey-Tulane University; and Mark Ward- Purdue University | Lambert Ballroom     |
| 10:35-11:35 am<br>(Predoctoral Mentors)     | <b>Mentoring at the Predoctoral Level</b><br>Panelists will discuss best practices for mentors at undergraduate and Master's granting institutions.<br><b>Moderator:</b> Helena Noronha<br><b>Panel:</b> Joan Evans-Texas Southern University; Doug Mupasiri-University of Northern Iowa; William Vélez-University of Arizona   | Orly Room            |
| 11:35-12:00 pm<br>(all mentors)             | <b>Predoctoral and Doctoral Mentors best practices</b><br>Reports from the two previous panels. Discussion.<br><b>Facilitator:</b> Michael Young  | Lambert Ballroom     |
| 10:35-12:00 pm                              | <b>The Doctoral Experience</b> ( <i>for predoctoral and doctoral students only!</i> )<br>How to succeed in a math science doctoral program.<br><b>Moderator:</b> Ranthony Edmonds-Univ. of Iowa<br><b>Panel:</b> Chassidy Bozeman-Iowa State University; Brandon Coya-UC Riverside; Kevin Jones-St. Louis University; Mark Pengitore-Purdue University; and Octavious Talbot-Harvard University               | Concourse Ballroom   |
| 12:15-1:15 pm                               | <b>Lunch</b>  | Renaissance Ballroom |

|                                      |  |                      |
|--------------------------------------|--|----------------------|
| 1:30-2:30 pm                         | <p><b>Fields of Research</b></p> <p>There are a wide range of opportunities for research in the Mathematical Sciences. This panel will explore the various possibilities for math sciences research.</p> <p><b>Moderator:</b> Sarah Reznikoff</p> <p><b>Panel:</b> David Cox- Amherst College; David Harrington-Harvard University; and Colleen Mitchell-University of Iowa</p>  | Concourse Ballroom   |
| 1:30-2:30 pm<br>(All Mentors)        | <p><b>Our Regional Alliances</b></p>   | Lambert Ballroom     |
| 2:30- 3:30 pm<br>(All Scholars)      | <p><b>Academic and Government Careers</b></p> <p>Panelists will discuss the many different opportunities available to PhDs in the mathematical sciences.</p> <p><b>Moderator:</b> Mark Ward- Purdue University</p> <p><b>Panel:</b> Matt Ando-University of Illinois at Urbana-Champaign; Emma Benn-Mt. Sinai School of Medicine; Helen Grundman-American Mathematical Society; Bill Jones-Xavier University of Louisiana</p>  | Concourse Ballroom   |
| 2:30-3:30 pm                         | <p><b>The Alliance Statistics Initiative</b></p> <p><b>Leslie McClure</b></p> <p>To discuss recent developments by the Alliance Statistics Initiative.</p>   | Lambert Ballroom     |
| 3:30-4:30 pm<br>Grads & Faculty      | <p><b>How to Prepare for your First Academic Position</b></p> <p>Each of the various faculty positions in the mathematical sciences requires special skills and training. Our panelists will discuss ways in which you can gain these qualifications while in graduate school.</p> <p><b>Moderator:</b> Morris Kalka</p> <p><b>Panel:</b> Bill Barker-Bowdoin College; Megan Neely-Duke University; and Matiel Ortiz-Albino- University of Puerto Rico, Mayaguez</p>   | Lambert Ballroom     |
| 3:30-4:30 pm<br>(undergrad scholars) | <p><b>Paths to the doctorate: finding the right graduate program for you</b></p> <p>As a graduating senior you are faced with many choices when it comes to selecting a graduate program. Should you enter a doctoral program, select a Master's program or one of the new post baccalaureate programs before entering a doctoral program? How will you know which program is the best fit for you? How do you succeed in a math science graduate program? Our panelists, all of them math sciences faculty, will address these questions.</p> <p><b>Moderator:</b> Julian Wolfson- University of Minnesota</p> <p><b>Panel:</b> Sally Thurston-University of Rochester, Bill Jones-Xavier University of Louisiana, Gregory Budzban-Southern Illinois University, Edwardsville</p> | Concourse Ballroom   |
| 4:30-6:15 pm<br>everyone             | <p><b>Graduate Department /Career/Summer Programs Fair</b></p>   | Renaissance Ballroom |
| 7:00-9:00 pm                         | <p><b>Banquet &amp; Keynote Presentation</b></p> <ul style="list-style-type: none"> <li>• <b>Introductions:</b> Philip Kutzko, University of Iowa</li> <li>• <b>Keynote Speaker:</b> William Vélez, University of Arizona</li> </ul> <p><b>Title:</b> Number Theory, Algebra and Analysis</p>  | Concourse Ballroom   |

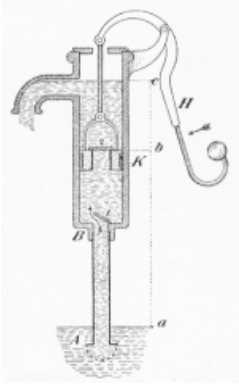
# Sunday, November 6

| <b>Time/Location</b> | <b>Event</b>  | <b>Room</b>           |
|----------------------|---|-----------------------|
| 5:00-10:00 am        | <b>Grab &amp; Go Breakfast</b>                          | Library/<br>Reception |
| 8:00-9:30 am         | <b>Breakfast Buffet</b>                                 | Concourse A           |
| 8:30-11:30 am        | <b>Alliance Faculty/Mentors Meeting Wrap up session</b> | Orly Room             |

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**Dr. David Allison  
& the Science Unbound  
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## Field of Dreams Conference 2016

### Meetings and Locations

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#### Friday Nov. 4th

| Number                  | Time         | Room                 | Attendees                           |
|-------------------------|--------------|----------------------|-------------------------------------|
| Registration            | 12:00-4:00pm | Concourse Foyer      | Everyone                            |
| Mix & Mingle            | 12:00-9:30pm | Heathrow AB          | Everyone/ breaks                    |
| Maximizing Opps.        | 1:30-2:00pm  | Concourse Ballroom   | Undergrad Scholars                  |
| REU-Research Experience | 2:00-3:00pm  | Lambert Ballroom     | Undergrad Sophomore and Juniors     |
| Institute Presentations | 2:00-3:00pm  | Concourse Ballroom   | Faculty, Grad students, and Seniors |
| David Wright's Talk     | 3:00-3:45pm  | Concourse Ballroom   | Everyone                            |
| Welcome                 | 4:00-4:30pm  | Concourse Ballroom   | Everyone                            |
| Fields of Success       | 4:30-5:15pm  | Concourse Ballroom   | Everyone                            |
| Dinner                  | 5:15-6:30pm  | Renaissance Ballroom | Everyone                            |
| REU & MSI Fair          | 6:45-7:30pm  | Gatwick AB           | Undergrad Scholars                  |
| MS Programs             | 7:30-8:30pm  | Lambert Ballroom     | Predoctoral Mentors                 |
| Employment Opps.        | 8:00-9:00pm  | Concourse Foyer      | Graduate Students                   |
| Gulf States Alliance    | 8:30-9:30pm  | Lambert Ballroom     | All Faculty                         |

#### Saturday Nov. 5th

| Number                                   | Time             | Room                 | Attendees                              |
|--|------------------|----------------------|--|
| Breaks                                   | 8:00am-9:30pm    | Heathrow AB          | Everyone/ breaks                       |
| Registration                             | 8:00am-12:00pm   | Concourse Foyer      | anyone not registered yesterday        |
| Breakfast                                | 8:00-9:00am      | Renaissance Ballroom | Everyone                               |
| Math Science Talk                        | 9:00-10:00am     | Concourse Ballroom   | Everyone                               |
| State of the Alliance                    | 10:15-10:0am     | Concourse Ballroom   | Everyone                               |
| Doctoral Level Mentoring                 | 10:35-11:35am    | Lambert Ballroom     | Doctoral Mentors                       |
| Predoctoral Level Mentoring              | 10:35-11:35am    | Orly Room            | Predoctoral Mentors                    |
| Mentoring- Best practices                | 11:35am-12:00 pm | Lambert Ballroom     | All Mentors                            |
| The Doctoral Experience                  | 10:35am-12:00 pm | Concourse Ballroom   | Predoctoral and Doctoral students only |
| Lunch                                    | 12:15-1:15pm     | Renaissance Ballroom | Everyone                               |
| Fields of Research                       | 1:30-2:30pm      | Concourse Ballroom   | All Scholars                           |
| Our Regional Alliances                   | 1:30-2:30pm      | Lambert Ballroom     | All Mentors                            |
| Academic & Government Careers            | 2:30-3:30pm      | Concourse Ballroom   | All Scholars                           |
| Statistics Initiative                    | 2:30-3:30pm      | Lambert Ballroom     | All Mentors                            |
| Preparing for your 1st Academic Position | 3:30-4:30pm      | Lambert Ballroom     | Grad Students & Faculty                |
| Paths to the Doctorate                   | 3:30-4:30pm      | Concourse Ballroom   | Undergrad Scholars                     |
| Grad School/Career/ Summer Programs Fair | 4:30-6:15pm      | Renaissance Ballroom | Everyone                               |
| Banquet                                  | 7:00-9:00pm      | Concourse Ballroom   | Everyone                               |

#### Sunday Nov. 6th

| Number                          | Time         | Room              | Attendees                   |
|---------------------------------|--------------|-------------------|-----------------------------|
| Grab and Go Breakfast           | 5:00-10:00am | Library/Reception | Anyone with an early flight |
| Breakfast Buffet                | 8:00-9:30am  | Concourse A       | Everyone                    |
| Faculty/Mentors Wrap up Session | 8:30-11:30am | Orly Room         | All Mentors                 |