

Fifth Annual Mathematical Field of Dreams Conference
Arizona State University • October 14-16th, 2011

Friday, October 14th

<i>Time/Location</i>	<i>Event</i>
3:00-5:00p Old Main: Carsen Ballroom	<p>Institute Day (<i>All participants invited</i>)</p> <p>Institute Presentations <i>Moderator: Dr. Robin Wilson, Assistant Professor of Mathematics, Cal Poly Pomona</i></p> <ul style="list-style-type: none"> • Dr. Cheri Shakiban, Associate Director of IMA, Professor of Mathematics, University of St. Thomas (<i>representing IMA</i>): “Programs and opportunities at the Institute for Mathematics and Its Applications (IMA)” • Dr. Deena Schmidt, Postdoctoral Scholar, Departments of Mathematics and Biology, Case Western Reserve University, MBI Long Term Visitor, Ohio State University (<i>representing MBI</i>): “Using Mathematical Models to Study Sleep-wake Regulation” • Dr. Roselyn Williams, Associate Professor of Mathematics, Florida A & M University (<i>representing AIM</i>): “Research Opportunities at the American Institute of Mathematics” • Dr. David Auckly, Associate Director, Mathematical Sciences Research Institute (<i>representing MSRI</i>): “An Introduction to Math Circles”
5:30-7:00p Old Main: Carsen Ballroom	<p>Institute Day Reception <i>(All students, graduate students, and faculty participants invited)</i></p> <ul style="list-style-type: none"> • Program; 6:15p • Graduate Student Poster Session Alliance Doctoral Students present their work

Saturday, October 15th

<i>Time/Location</i>	<i>Event</i>
7:45-8:30a MU: Ventana	Breakfast
8:30-9:00a MU: Ventana	<p>Welcome <i>Moderator: Dr. Phil Kutzko</i> <i>Welcome remarks: Art Blakemore, Senior Vice Provost, Arizona State University</i></p>

<p>9:00-10:00a</p> <p>MU: Turquoise</p>	<p>Fields of Success: Alliance Ph.D. Graduates tell their story (*For everyone); <i>Moderator: Dr. Donald Cole, Professor of Mathematics, University of Mississippi</i></p> <ul style="list-style-type: none"> • Dr. Kevin Flores, Postdoctoral Research Associate, School of Life Sciences, Arizona State University • Dr. Omayra Ortega, Assistant Professor of Applied Mathematics, Arizona State University • Dr. Danielle Robbins, Research Analyst and Evaluations, Southwest Interdisciplinary Research Center • Dr. Paulette N. Willis, NSF Postdoctoral Fellow, University of Houston • Dr. Joaquin Rivera-Cruz, Assistant Professor of Mathematics, Colgate University • Dr. Louis Beaugris, Assistant Professor of Mathematics, Kean University
<p>10:00-10:15a</p> <p>MU: Ventana</p>	<p>Break</p>
<p>10:15-11:15a</p> <p>MU: Turquoise</p>	<p>Fields of Opportunities: Graduate opportunities for math majors in quantitative scientific disciplines (*For undergraduates and Post-bacs); <i>Moderator: Dr. Joe Omojola, Professor of Mathematics, Southern University of New Orleans</i></p> <ul style="list-style-type: none"> • Dr. Kate Cowles, Associate Professor of Statistics and Biostatistics, Director of Graduate Program in Geoinformatics for Environmental and Energy Modeling and Prediction (GEEMaP), University of Iowa • Dr. Zdzislaw Jackiewicz, Professor and Director, School of Mathematical and Statistical Sciences, Arizona State University • Dr. Bill Velez, Professor of Mathematics, University of Arizona • Dr. Richard Rebarber, Professor of Mathematics, University of Nebraska-Lincoln • Dr. Rachata Muneeppeerakul (Chot), Assistant Professor, School of Sustainability & Mathematical, Computational, and Modeling Sciences Center, Arizona State University • Dr. Derrick Rollins, Professor of Statistics and Chemical and Biological Engineering, Iowa State University
<p>11:15-11:30a</p>	<p>Walk to Lunch</p>
<p>11:30-12:30p</p> <p>MU: Ventana</p>	<p>Lunch <i>Moderator: Dr. Loek Helminck</i> Keynote Speaker: Dr. Alberto Ríos, Regents' Professor, Katharine C. Turner Chair, Department of English, Arizona State University</p>
<p>12:45-1:45p</p>	<p>How to select a graduate program in the math sciences and NSF</p>

<p>MU: Turquoise</p>	<p>Fellowship Opportunities (IMPORTANT) (*For undergraduate students, post-bacs, and mentors)</p> <ul style="list-style-type: none"> • Dr. Phil Kutzko, Director of the National Alliance for Doctoral Studies in the Mathematical Sciences, Professor of Mathematics & Collegiate Fellow, University of Iowa • Dr. Loek Helminck, Co-Director of the National Alliance for Doctoral Studies in the Mathematical Sciences, Professor and Head, Department of Mathematics, North Carolina State University • Dr. Richard Aló, Professor and Director of The Center for Computational Science and Advanced Distributed Simulation, University of Houston-Downtown, Program Director, National Science Foundation (NSF) Division of Undergraduate Education (DUE)
<p>1:45-2:45p MU: Turquoise</p>	<p>Graduate Student (only!) Panel The Graduate School Experience: What to expect, how to succeed, challenges and how to overcome them (*For undergraduates and Post-bacs); <i>Moderator: Syvillia Averett, PhD Student in Mathematics, University of Iowa</i></p> <ul style="list-style-type: none"> • Alex Sawyer, University of Iowa • Wela Yong, University of Iowa • Danielle Dodgen, University of Iowa • Kehinde (Kenny) Salau, Arizona State University • Maytee Cruz Aponte, Arizona State University • Romarie Morales, Arizona State University • Chad Vidden, Iowa State University
<p>1:45-2:45p MU: Alumni Lounge</p>	<p>Tips for Post-docs and New Faculty (*For new faculty and post-docs; no undergraduates); <i>Moderator: Dr. Gerard Buskes, Professor of Mathematics, University of Mississippi</i></p> <ul style="list-style-type: none"> • Dr. Cliff Bergman, Professor of Mathematics and Computer Science, Iowa State University • Dr. David Goldberg, Professor of Mathematics, Purdue University • Dr. Gary Jensen, Professor Emeritus of Mathematics, Washington University in St. Louis • Dr. Tom Kennedy, Associate Head for the Graduate Program, Department of Mathematics, University of Arizona • Dr. Gerardo Chowell-Puente, Associate Professor, School of Human Evolution and Social Change, Arizona State University

2:45-3:00p MU: Ventana	Break
3:00-3:45p MU: Turquoise	<p>Fields of Summer Programs Panel (panelists will include faculty and students) (*For undergraduates who will not be graduating by June 2012); Moderator: <i>Dr. Tong Li, Professor of Mathematics, University of Iowa</i></p> <ul style="list-style-type: none"> • Dr. Jonathan Hodge, Associate Professor and Assistant Chair, Department of Mathematics, Grand Valley State University • Dr. Gideon Zamba, Assistant Professor of Biostatistics, University of Iowa • Dr. David Auckly, Associate Director, Mathematical Sciences Research Institute, MSRI-UP • Anarina Murillo, Graduate Student, Arizona State University • Dr. Stephen Wirkus, Associate Professor of Mathematics and Natural Sciences, Arizona State University, West Campus • Dwight Williams, Undergraduate student, Florida A & M University
3:00-3:45p MU: Alumni Lounge	<p>Tracks to the Doctorate Panel: Alliance-affiliated Master's programs and Post-Baccalaureate Programs; Moderator: <i>Dr. Jianzhong Su, Professor of Mathematics, University of Texas at Arlington</i></p> <ul style="list-style-type: none"> • Dr. Lawrence Morris, Professor of Mathematics, Clark University; Program: Post-Baccalaureate Program in Quantitative Science, Department of Mathematics and Computer Science, Clark University, Worcester, MA • Dr. Loek Helminck, Professor and Head, Department of Mathematics, North Carolina State University • Dr. Ruth Haas, Chair, Department of Mathematics and Statistics, Smith College; Program: Post-Baccalaureate Program titled Center for Women in Mathematics • Dr. Doug Mupasiri, Interim Department Head and Professor of Mathematics, University of Northern Iowa • Dr. Brandy Wieggers, Project Director, Center for Science and Mathematics Education, San Francisco State University • Dr. Belisario Ventura, Professor of Mathematics, California State University, San Bernardino
3:45-5:15p Old Main: Carsen Ballroom	Graduate Department /Career/Summer Programs Fair
5:15-6:00p	Time for networking or break

6:00-9:00p MU: Ventana	Banquet <ul style="list-style-type: none"> • Seating and appetizers; 6:00-6:30p • Program; 7:15p • <i>Moderator: Dr. Phil Kutzko</i> • <i>Introduction of speaker: Dr. Carlos Castillo-Chavez</i> • Keynote Speaker: Dr. Richard Tapia, University Professor and Maxfield-Oshman Professor of Engineering, Rice University; Recipient of the 2011 National Medal of Science, awarded by President Obama to recognize individuals who have made outstanding contributions to science and engineering
	Return to hotel

Sunday, October 16th

<i>Time/Location</i>	<i>Event</i>
8:15-9:00a MU: Alumni Lounge	Breakfast
9:00-10:00a MU: La Paz	All Alliance Mentor Meeting and Photo <i>All Mentors</i>
10:00-10:15a MU: Alumni Lounge	Break
10:15-11:00a MU: La Paz	Graduate Mentor Meeting <i>Graduate Mentors Only</i>
11:00a	Conclusion of Field of Dreams 2011