

Featured Speakers



Ms. Kathleen Almy
Rock Valley College

Kathleen Almy is a mathematics professor and developmental math coordinator at Rock Valley College in Rockford, Ill. With 17 years of college instructional experience, she recently led a successful seven-year redesign of Rock Valley's mathematics program. Almy has been a member of the Quantway and AMATYC New Life Initiative since 2009, participating in course design, development and implementation. Throughout the last three years, Almy has spoken extensively on math literacy courses and trained faculty throughout the country.

Almy serves on the Illinois and AMATYC developmental math committees and is the author of "Geometry: A Toolkit for Success." She co-authored a statistics manual and the textbook Math Lit, which supports math literacy courses at the developmental level.



Dr. Greg Budzban
Southern Illinois University and
SIU STEM Education Research Center

Dr. Greg Budzban, chair of the mathematics department at Southern Illinois University, Carbondale, Ill., is also the acting director of the new SIU STEM Education Research Center.

Budzban has worked as an educator at all levels. He began his professional career as a researcher at then Martin Marietta Image Processing Labs. In 1991, Budzban joined the SIU mathematics department as an associate professor and has since held various positions including professor, interim chair, and now chair. He received the Outstanding Teaching Award for the College of Science in 2007 and is involved with the design and implementation of student early warning and intervention systems using ideas from pattern recognition and statistical decision theory.



Dr. Kimberlyann Tsai Granger
Wildwood Campus of St. Louis
Community College

Dr. Kimberlyann Tsai Granger is an associate professor of mathematics on the Wildwood Campus of St. Louis Community College. A St. Louis area native, Granger has more than 20 years of teaching experience. She earned her bachelor's degree in mathematics and English and a secondary teaching credential from Milligan College in Tennessee. Granger received her master's degree in mathematics from California State University and her doctorate in higher education leadership from the University of Southern California.

Granger's teaching career has included schools in Hawaii, southern California and Missouri. She currently serves as the president of the Missouri Mathematical Association of Two Year Colleges and was named the Midwest Region Association of Developmental Education's Outstanding Developmental Educator in 2012.



Dr. Loretta Ussery Griffy
Austin Peay State University

Dr. Loretta Ussery Griffy is a mathematics and statistics professor at Austin Peay State University in Clarksville, Tenn. Serving on college campuses for more than 20 years, Griffy currently holds the title of director for the Center for Teaching and Learning, where she is focused on promoting student success and a culture of self-improvement through initiatives centered around teaching, learning and the advising environment in a collegiate setting.

For the past five years, Griffy has served as the principal investigator for a Department of Education Title III grant, as co-principal investigator for a National Science Foundation grant, and executive sponsor PI for a Breakthrough Models Incubator NextGen Learning grant and an Integrated Planning and Advising Services grant.



Dr. Tamela Randolph
Southeast Missouri State University

Dr. Tamela Randolph is a professor and chairperson of the Southeast Missouri State University Mathematics Department in Cape Girardeau. Teaching mathematics for nearly 30 years, she has received numerous teaching and service awards.

Randolph focuses on mathematics anxiety, computational error patterns, and improving retention through integrating developmental and college level mathematics. She has participated in initiatives to bring changes in mathematics to Missouri students, and has served on statewide committees to write Missouri Assessment Program (MAP) items, create state standards for K-12, and conduct item analysis for the Missouri Educator Gateway Assessments (MEGA). She has published writings on using technology in the classroom, helping international students adjust to U.S. schools, integrating historical computational algorithms into mathematics classes, and using real world problems to enhance mathematics learning.



Dr. Bruce Vandal
Complete College America

Dr. Bruce Vandal is a Vice President for Complete College America, where he leads remedial education reform strategies. Vandal is the former director of the Postsecondary and Workforce Development Institute at the Education Commission of the States where he led a three-year Lumina Foundation for Education project called "Getting Past Go."

Vandal also served as co-director of the Tennessee Developmental Studies Redesign Initiative, a partnership with the Tennessee Board of Regents to reform developmental education courses at TBR institutions. He also directed projects on aligning education and workforce development policy, teacher preparation and college access. He holds a doctorate in education policy and administration from the University of Minnesota.



Missouri Mathematics Summit

Exploring alternative
pathways and course
redesign for postsecondary
mathematics education

September 11-12, 2014
Columbia, Mo.

The 2014 Missouri Mathematics Summit
is brought to you by the Missouri
Department of Higher Education in
conjunction with these sponsors:



Summit Program

Thursday, September 11

- 6:30 p.m. Optional Reception
Cypress Rooms I and II
- 7:00 p.m. Welcome and Purpose for the Missouri Mathematics Summit
Cypress Rooms I and II

Friday, September 12

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| 7:30 a.m.–8:30 a.m. | Registration and Continental Breakfast
Pre-event Area | 1:00 p.m.–2:30 p.m. | Breakout Sessions |
| 8:30 a.m.–8:45 a.m. | Welcome
Sycamore Room
<i>Dr. Rusty Monhollon, Assistant Commissioner for Academic Affairs,
Missouri Department of Higher Education</i> | | 1. Generating Faculty Interest and Faculty-driven
Mathematics Reform
Hawthorne Room I
<i>Dr. Greg Budzban and Dr. Tamela Randolph</i> |
| 8:45 a.m.–10:00 a.m. | Plenary Session I:
Applications of the Predictive Capability of Early-Semester
Data in Gateway Math Courses
Sycamore Room
<i>Dr. Greg Budzban, Chair, Department of Mathematics,
Southern Illinois University-Carbondale</i> | | 2. Building Statewide Support for Mathematics Reform
Hawthorne Room II
<i>Dr. Loretta Ussery Griffy</i> |
| 10:00 a.m.–10:15 a.m. | Break | | 3. Improving Student Success Using Online Methods
of Math Instruction
Cypress Room I
<i>Dr. Kimberlyann Tsai Granger</i> |
| 10:15 a.m.–11:30 a.m. | Plenary Session II:
Math Literacy: A Non-STEM Pathway to College Readiness
Sycamore Room
<i>Ms. Kathleen Almy, Professor of Mathematics,
Rock Valley College, Rockford, Ill.</i> | 2:30 p.m.–2:45 p.m. | 4. Next Steps: Implementing a Math Literacy Course
Cypress Room II
<i>Ms. Kathleen Almy</i> |
| 11:30 a.m.–1:00 p.m. | Lunch/Presentation:
Alternative Pathways at Austin Peay State University
Sycamore Room
<i>Dr. Loretta Ussery Griffy, Director of the Center for Teaching and Learning,
Austin Peay State University, Clarksville, Tenn.</i> | 2:45 p.m.–3:45 p.m. | Break
Pre-event Area
<i>Refreshments and Dessert Provided</i> |
| | | 3:45 p.m.–4:00 p.m. | Panel Discussion
Sycamore Room
<i>Ms. Kathleen Almy, Dr. Greg Budzban, Dr. Loretta Ussery Griffy and Dr. Bruce Vandal</i> |
| | | | Next Steps and Closing Remarks
Sycamore Room
<i>Dr. Rusty Monhollon</i> |