

Featured Presenters



Dr. Chris McGowan
SOUTHEAST MISSOURI
STATE UNIVERSITY

Dr. Chris McGowan is the dean of Southeast Missouri State University's College of Science, Technology and Agriculture and a professor in the chemistry department. Prior to his career at Southeast, McGowan was

a faculty member in the department of chemistry at Tennessee Technological University where he also served as chairman of the department for several years.



Dr. Ruthi Sturdevant
LINCOLN UNIVERSITY

Dr. Ruthi Sturdevant is a professor of mathematics and dean of the College of Arts and Sciences at Lincoln University. She has been active in the mathematics community throughout her career and has presented at meetings

of the National Council of Teachers of Mathematics and other organizations. She has served on the Missouri Mathematics Pathways Taskforce since it was created.

Nicole Nunn-Faron
ST. CHARLES
COMMUNITY COLLEGE

Nicole Nunn-Faron is an associate professor and department chair of education at St. Charles Community College. Nunn-Faron currently teaches a range of teacher education preparation courses and serves on multiple state-level committees for the Missouri Department of Elementary and Secondary Education, teacher education preparation. Nunn-Faron worked in conjunction with Joe Howe to develop the college algebra for educators course at SCC. This course has resulted in positive results for students completing the Missouri General Educators Assessment.



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. Vandal directed projects on aligning education and workforce development policy, teacher preparation and college access.



Dr. Mary Shepherd
NORTHWEST MISSOURI
STATE UNIVERSITY

Dr. Mary Shepherd is a professor at Northwest Missouri State University where she has been on the faculty since 2001. Shepherd has held various leadership positions in both the Seaway section and the Missouri



section of the MAA. She is chair of the Missouri Math Pathways Task Force and has worked on other curriculum alignment issues at the state level. Prior to joining Northwest, Shepherd was an accountant and worked for a number of companies including Hertz Rent-A-Car, Unirex, Inc., and Donald C. Slawson, Oil Producer.

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Missouri Mathematics Summit

2015

Building New Pathways to Success

October 30, 2015

Harry S Truman Building • Jefferson City, Mo.



Schedule

7:30 a.m.–8:30 a.m. **Registration and Continental Breakfast**

8:30 a.m.–8:45 a.m. **Welcome**

Dr. Rusty Monhollon
MISSOURI DEPARTMENT OF HIGHER EDUCATION

8:45 a.m.–10 a.m. **Plenary Session**

**Missouri Mathematics Pathways Taskforce
and Missouri Math Pathways Report**

Dr. Mary Shepherd
NORTHWEST MISSOURI STATE UNIVERSITY

10 a.m.–10:15 a.m. **Break**

10:15 a.m.–11:45 a.m. **Breakout Sessions**

1. Math Pathways for Humanities Majors

Amy Getz
CHARLES A. DANA CENTER AT THE UNIVERSITY OF TEXAS, AUSTIN

2. Math Pathways for Social Sciences Majors

Dr. Loretta Ussery Griffy
AUSTIN PEAY STATE UNIVERSITY, CLARKSVILLE, TN

3. Mathematics for Education Majors

Joe Howe and Dr. Nicole Nunn-Faron
ST. CHARLES COMMUNITY COLLEGE

4. Math Pathways for Technical Education

Dr. Rob Jeffs
IVY TECH COMMUNITY COLLEGE OF INDIANA, MUNCIE, IN

11:45 a.m.–1 p.m. **Lunch**

1 p.m.–2:45 p.m. **Panel Presentations and Discussion on Course Redesign**

Dr. Chris McGowan
SOUTHEAST MISSOURI STATE UNIVERSITY

Dr. Ruthi Sturdevant
LINCOLN UNIVERSITY

Ms. Ann Boehmer and Mr. Mark McGhee
EAST CENTRAL COMMUNITY COLLEGE

Panel Moderator: Dr. Bruce Vandal
COMPLETE COLLEGE AMERICA

2:45 p.m.–3 p.m. **Next Steps and Closing Remarks**

Dr. Rusty Monhollon
MISSOURI DEPARTMENT OF HIGHER EDUCATION

Featured Presenters



Ann Boehmer
EAST CENTRAL COLLEGE

Ann Boehmer is the division chair of mathematics and English at East Central College. She has nearly 18 years of experience in the classroom and is a member of the Missouri Mathematics

Pathways Taskforce. In addition to teaching, Boehmer has served East Central in leadership roles on numerous committees. She developed and co-chaired the college's AQIP action project, College Readiness Partnership, partnering with a local high school.



Joe Howe
ST. CHARLES COMMUNITY COLLEGE

Joe Howe is a professor of mathematics at St. Charles Community College, where he has taught full time for 23 years. Howe also serves as department chair over

transfer mathematics courses. He teaches a range of transfer and developmental mathematics courses each semester. He has developed and taught the college algebra for educators course at SCC.

Amy Getz
CHARLES A. DANA CENTER

Amy Getz is the strategic implementation lead for the higher education team at the Charles A. Dana Center at the University of Texas at Austin. Her work focuses on reforming developmental and gateway mathematics programs at the state and institutional levels through the New Mathways Project (NMP). Getz works with state systems to mobilize faculty leadership, address policy obstacles, and support colleges and universities to implement the NMP principles. She formerly served as the Dana Center's manager of community college services and also led the development of the Quantway™ curriculum in partnership with the Carnegie Foundation for the Advancement of Teaching.



Dr. Rob Jeffs
IVY TECH COMMUNITY COLLEGE

Dr. Rob Jeffs is an associate professor of mathematics at Ivy Tech Community College, Muncie. He co-chairs the Math Pathways Initiative for Ivy Tech and has led curriculum and professional development for the applied technical mathematics course, which will serve more than 10,000 non-transfer certificate and degree students in the College's School of Technology. In addition to teaching, Jeffs leads the New Castle Campus and has served Ivy Tech in campus and regional leadership roles and as a system vice-president.



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, Tennessee. Griffy currently serves as director for the

Center for Teaching and Learning. For the past five years, she 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.



Mark McGhee
EAST CENTRAL COLLEGE

Mark McGhee is a mathematics instructor at East Central College, is on the Completion Committee and has served on the Developmental Advisory Committee. McGhee has worked in applied

mathematics developing a statistical bidding model for an international company based in Chesterfield, Missouri. He has been researching the psychology behind teaching and learning problems and retention. McGhee is currently developing and piloting the new developmental pathway course "Fundamental Concepts in Mathematics."