



TRANSFORMING INSTITUTIONS

Oxford Abstracts program is here: <https://virtual.oxfordabstracts.com/event/74272/program>

Additional conference information is here: https://ascnhighered.org/ASCN/transforming_institutions/2025/index.html

2025 Transforming Institutions Conference

Rowing in the Same Direction: Aligning Change Efforts Across Higher Education

June 9-11, 2025 | St. Louis, MO

The Transforming Institutions Conference is jointly hosted by the Accelerating Systemic Change Network (ASCN) and APLU's Network of STEM Education Centers (NSEC).

9th Jun 2025

	Station Master Room	Plenary	Midway Suites 1/2	Midway Suites 3/4	Midway Suites 5	Midway Suites 6
10:00am - 1:00pm					Invite Only: Learning Community Cluster 4	
1:00 - 2:00pm						
2:00 - 3:00pm	Registration Opens					
3:00 - 3:30pm	Opening Session/Welcome More information is at the Transforming Institutions Conference website here: https://ascnhighered.org/ASCN/transforming_institutions/2025/index.html					
	Welcome and Orientation <u>Kacy Redd</u> APLU					
3:30 - 5:00pm	VIRTUAL Plenary Panel: Community Colleges: Building Partnerships & Transforming Communities Dr. Keith Curry, President/CEO, Compton College					

Dr. Michael Gavin, President, Delta College
Dr. Russell Lowery-Hart, Chancellor, Austin Community College District
Dr. Karen Stout, President and CEO, Achieving the Dream
Dr. Melissa M. Haswell (moderator), Associate Dean Science and Mathematics Division, Delta College

Resources

Compton College 2035 Comprehensive Master Plan
Compton College Institutional-Set Goals Dashboard
Dr. Keith Curry, President/CEO, Compton College
Dr. Michael Gavin, President, Delta College
Dr. Russell Lowery-Hart, Chancellor, Austin Community College District
Dr. Karen Stout, President and CEO, Achieving the Dream
Dr. Melissa M. Haswell (moderator), Associate Dean of Science and Mathematics Division, Delta College
Bios are available here: https://docs.google.com/document/d/1YkxcwQZ3Bn_r0HDwiAl_oNwUS3RymfKAo-CiPXwwyLU/edit?tab=t.0

Virtual Plenary Panel: Community Colleges: Building Partnerships & Transforming Communities

Keith Curry¹, Michael Gavin², Russell Lowery-Hart³, Karen Stout⁴

¹Compton College. ²Delta College. ³Austin Community College District. ⁴Achieving the Dream

5:00 - 5:15pm

Transition

5:15 - 5:55pm

Poster Session 1A and Networking Break

PROBING DISCIPLINARY DIFFERENCES AND COMMONALITIES IN SENSE OF BELONGING: USING STUDENTS' VOICES TO INFORM DEPARTMENTAL CHANGE

Gili Marbach-Ad, Sara Gliese, Ilcia Hernandez, Kaci Thompson

University of Maryland College Park

Centering Instructional Innovation in Undergraduate Mathematics Through Values-Centered Collaboration

Rachel Rupnow¹, Seth Ricarte², Kristen Vroom², Mik Mieczkowski¹

¹*Northern Illinois University*. ²*Michigan State University*

Grassroots Leadership for Inclusive Change: Transforming STEM Faculty Culture in a Primarily Undergraduate Institution

Jennifer Schuttlefield-Christus¹, Denise Roseland², Samantha Larson¹, Amy Hardy¹, Beth Bouche¹

¹*University of Wisconsin-Oshkosh*. ²*University of Wisconsin-Whitewater*

Faculty Leadership for Institutional Change

Amanda Gunning¹, Daniela Martinez², Meghan Marrero¹

¹*Mercy University & Mercy University Center for STEM Education*. ²*Mercy University Center for STEM Education*

From Reflection to Research to Campus Impact: The Growth of a Community of Practice

DYAN MORGAN, KAILA COLYOTT, CARMEN ORTH-ALFIE, STEPHEN POLITZER-AHLES, LAURA KIRK, DREW VARTIA

University of Kansas

Strategically increasing impactful undergraduate research opportunities at Colorado State University

Courtney Ngai, Louise Allen

Colorado State University

Sonogram: a next-generation Decibel Analysis machine learning algorithm to help researchers and administrators understand classroom environments through audio recordings.

Mark Baillie, Connor Young, Thien Duong, Jan P Springer

University of Arkansas at Little Rock

Sustaining change efforts: Application of theory to maintain momentum of the Transformational Change Initiative

Erika Offerdahl, Laura Hill, Samantha Swindell

Washington State University

Supporting Change Agent Leadership in a Networked Improvement Community: Lessons Learned from the Mathematics Teacher Education Partnership

Wendy Smith¹, Alyson Lischka², W Gary Martin³

¹*University of Nebraska-Lincoln*. ²*Middle Tennessee State University*. ³*Auburn University*

Creating a Culture of Inclusivity Across a College Campus

Cayla McBee, Lynne Lawson, Maria Carroll, Marla Tipping, Kelly Warmuth

Providence College

Weaving the Threads of Change: Building Supportive Policy and Practice for Effective Teaching

Julie Kalnin¹, Tamar More¹, Jacqueline Van Hoomissen²

¹*University of Portland*. ²*Gonzaga University*

Student STEM Ambassador Program: Students as change agents for transforming undergraduate education

Maurina Aranda, Rachel Bradley, Cristina De Meo, Brittany Peterson, Sharon Locke

Southern Illinois University Edwardsville

ASCN Working Group 6 - Aligning Incentives with Systemic Change

Christine Broussard¹, Melissa Haswell^{2,3}, Kadian Callahan⁴, Pat Marsteller⁵, Stephanie Salomone⁶, Elizabeth Ambos⁷

¹*University of La Verne*. ²*Delta College*. ³*BioQUEST*. ⁴*Kennesaw State University*. ⁵*Emory University*. ⁶*Portland University*. ⁷*Ambos Consulting*

Mini-activities: Capacity-building to foster conversations and explore instructional change

Amy Chan Hilton, William Elliott, Shelly Blunt

University of Southern Indiana

5:55 - 6:05pm Flip Posters

6:05 - 6:45pm Poster Session 1B and Networking Break

A Delphi Study to Establish Consensus on the Levers for Change for Implementing Biology Graduate Student Teaching Professional Development

Grant Gardner¹, Eric Akuoko², Gili Marbach-Ad³, Kristen Miller⁴, Elisabeth Schussler⁵

¹*Middle Tennessee State University*. ²*St. John's University*. ³*University of Maryland*. ⁴*University of Georgia*. ⁵*University of Tennessee-Knoxville*

Creating spaces that strengthen faculty social networks around teaching and learning

Varun Kathpalia, John Morelock

The University of Georgia

Fostering Inclusive Teaching Through a Variety of Professional Development Programs at a Small Liberal Arts School

Paige Sturley, Sonia Chaidez

Whittier College

CHAT-ing about Change in STEM: New Perspectives for Change Agents from Cultural Historical Activity Theory

Russ DeForest, Alicia Dowd, Marinda Kathryn Harrell Levy, Roderick Lee, Ashley Patterson, Elizabeth Seymour

Penn State University

Supporting Faculty in Adapting to Generative Artificial Intelligence

Sara Wilson, Douglas Ward

University of Kansas

Coalescing around a shared vision: From theory to practice in departmental change

Kathy Quardokus Fisher

University of Notre Dame

Incorporating Undergraduates into Informal Engagement Programs

Christal Huber, Sara Vassmer

The Connector

Implementing Challenge-Based Learning Across Institutional Boundaries

Benjamin Bruxvoort¹, Nehemiah Emaikwu¹, Kim Trenbath¹, Jason Schmidt²

¹*National Renewable Energy Laboratory.* ²*Oak Ridge National Laboratory*

Sustaining Change Efforts Through Turnover: Exploring and Reflecting on Effective Leadership Strategies

Wendy Smith¹, Dana Franz²

¹*University of Nebraska-Lincoln.* ²*Mississippi State University*

Project EMBER: Eliminating Math Barriers through Evidence-based Reforms

Kadian Callahan¹, Dave Kung², Howard Gobstein³, Deb Carney⁴, Joe Glover⁵, Gavin LaRose⁶, Melissa Lindsey⁷, Mary Pilgrim⁸, Chris Rasmussen⁸, Natasha Speer⁹, Megan Tesene³, Scott Wolpert²

¹*Kennesaw State University.* ²*Transforming Post-Secondary Education in Mathematics.* ³*Association of Public Land Grant Universities.* ⁴*Colorado School of Mines.*

⁵*University of Florida.* ⁶*University of Michigan.* ⁷*University of Wisconsin - Madison.* ⁸*San Diego State University.* ⁹*University of Maine*

Defining Inclusive Teaching for the Purposes of Tenure and Promotion at a Small Liberal Arts College

Jane Liu, Dylan Worcester

Pomona College

Guided Pathway for Change: A Multi-Phase Academic Advising Model for STEM Student Success at a Hispanic-Serving Institution

Belinda Rosario

Inter American University of Puerto Rico - Metropolitan Campus

Maximizing the impact of learning assistants

Marisa Albarran, Thomas Clements, Heather Johnson, Grace Lee, Suhaah Nadir, Sabriya Rosemond, Marques Watson, Cristina Zepeda, Cynthia Brame

Vanderbilt University

Pedagogical Partnerships for Inclusive Teaching

Gregory Davis¹, Jane Liu², M. Geneva Murray³, Matthias U. Nollert³, Dylan Worcester²

¹*Bryn Mawr College.* ²*Pomona College.* ³*University of Oklahoma*

Modernizing Scholarship for the Public Good: An Action Framework for Universities

Kacy Redd¹, Elyse Aurbach², Jessica Bennett¹

¹*APLU.* ²*Michigan State University*

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7:30 - 8:00am	Silence in Community (morning meditation practice)	Breakfast	Registration Desk			
8:00 - 8:45am						
8:45 - 9:00am						
9:00 - 9:15am		Workshop: Evaluating Program Sustainability – a rubric to help you plan and measure progress Evaluating Program Sustainability – a rubric to help you plan and measure progress <u>Elizabeth Litzler, Jana Foxe</u> <i>University of Washington CERSE</i>	Departmental Action Teams can catalyze sustained change at individual, group, and organization levels Departmental Action Teams can catalyze sustained change at individual, group, and organization levels <u>Sarah Wise</u> ¹ , Courtney Ngai ² , Joel Corbo ¹ ¹ <i>U. of Colorado Boulder.</i> ² <i>Colorado State University</i>	The (STEM)2 Network: Accelerating transformation by bridging disciplinary and institutional silos The (STEM) ² Network: Accelerating transformation by bridging disciplinary and institutional silos <u>Alison Hyslop</u> ¹ , Jessica Santangelo ² ¹ <i>St. John's University - Queens.</i> ² <i>Hofstra University</i>	Building More Effective Collaboration in STEM Education Reform Building More Effective Collaboration in STEM Education Reform <u>Evangeline Su</u> ^{1,2,3,4} , <u>Lucas Hill</u> ^{1,2,3,4,5} ¹ <i>Wisconsin Center for Education Research.</i> ² <i>University of Wisconsin-Madison.</i> ³ <i>SEER Institute.</i> ⁴ <i>NSF INCLUDES Aspire Alliance.</i> ⁵ <i>CIRTL Network</i>	Student-Faculty Partnerships for STEM Transformation Student-Faculty Partnerships for STEM Transformation <u>Daniel Sanford</u> <i>Boise State University</i> Evaluating drivers of change in faculty mindset across science and math departments Evaluating drivers of change in faculty mindset across science and math departments <u>Cynthia Brame, Lily Claiborne, Katherine Friedman, Brenda McKenzie</u> <i>Vanderbilt University</i>
9:15 - 9:30am						
9:30 - 9:45am						Guiding Faculty Development with Strong Structuration

				<p>Guiding Faculty Development with Strong Structuration <u>Christopher Hass</u>¹, Charles Ruggieri¹, Philip Brown¹, Corey Ptak², Stacey Blackwell¹, Mary Emenike¹ ¹Rutgers New Brunswick. ²Columbia University</p>
9:45 - 10:00am				Transition
10:00 - 10:15am	<p>Using Instructor Insights to Generate Scalable Metrics <u>Using Instructor Insights to Generate Scalable Metrics</u> <u>Chris Moore</u>, Tracie Reding <i>University of Nebraska at Omaha</i></p>	<p>Transforming Teaching Evaluation: Building an International Alliance for Systemic Change <u>Transforming Teaching Evaluation: Building an International Alliance for Systemic Change</u> <u>Andrea Follmer</u> <u>Greenhoot</u>¹, <u>Noah Finkelstein</u>², <u>Ann Austin</u>³, <u>Gabriela Weaver</u>⁴ ¹<i>University of Kansas</i>. ²<i>University of Colorado Boulder</i>. ³<i>Michigan State University</i>. ⁴<i>University of Massachusetts Amherst</i></p>	<p>Equitable Undergraduate Student Success Through Integrating and Scaffolding Research Throughout Degree Programs: Coaching, Measuring, and Sustaining Change <u>Equitable Undergraduate Student Success Through Integrating and Scaffolding Research Throughout Degree Programs: Coaching, Measuring, and Sustaining Change</u> <u>Elizabeth Ambos</u>¹, <u>Melissa Haswell</u>², <u>Mitchell Malachowski</u>³, <u>Kerry Karukstis</u>⁴, <u>Jillian Kinzie</u>⁵, <u>Jeffrey Osborn</u>⁶ ¹<i>Ambos Consulting</i>. ²<i>Delta College</i>. ³<i>University of San Diego</i>. ⁴<i>Harvey Mudd College</i>.</p>	<p>When Grassroots Take Root: Using Participatory Design and Faculty Governance to Drive Institutional Change in Student Evaluations of Teaching <u>When Grassroots Take Root: Using Participatory Design and Faculty Governance to Drive Institutional Change in Student Evaluations of Teaching</u> <u>Terri Dunbar</u>, <u>Erin Dolan</u>, <u>Tessa Andrews</u>, <u>Peggy Brickman</u>, <u>Paula Lemons</u> <i>University of Georgia</i></p>
10:15 - 10:30am				<p>Evaluation Perspectives of the STEM Education Research Institute's Contributions in Advancing Innovative Practices</p>

1:15 - 1:30pm

Transition

1:30 - 1:45pm

Workshop: Leading Systemic Change Using the Change Leadership Toolkit (CLT)

Leading Systemic Change Using the Change Leadership Toolkit (CLT)

Susan Elrod

Indiana University South Bend. Change Leadership Group

Advancing Faculty Diversity in Community Colleges: A Guide to Change Leadership and Institutional Transformation

Advancing Faculty Diversity in Community Colleges: A Guide to Change Leadership and Institutional Transformation

Gianina Baker, Karla Velasco, Jeongsan Hwang
University of Illinois Urbana-Champaign

Driving a Thriving Student Experience: UTSA's Data-Informed Learning Innovation for Faculty and Student Success

Driving a Thriving Student Experience: UTSA's Data-Informed Learning Innovation for Faculty and Student Success

Tammy Wyatt, Heather Shipley, Melissa Vito, Mark Appleford, Kelly Nash
University of Texas at San Antonio

Workshop: Roadmapping Resources from the Propagating Research ethics around Sexual Marginalization and Transgender Issues Conference (PRISMATIC)

Roadmapping Resources from the Propagating Research ethics around Sexual Marginalization and Transgender Issues Conference (PRISMATIC)

Madison Fitzgerald-Russell¹, Wendy Smith², Matt Voigt³, Elizabeth Lewis², Kelsey Quaisley⁴, Tim McElowney⁵, Raine Kuch³

¹*University of Iowa*.

²*University of Nebraska-Lincoln*. ³*Michigan State University*. ⁴*Oregon State University*. ⁵*West Virginia University*

From Catalyzing to Institutionalizing Change in 2- to 4-year STEM Transfer in Wisconsin

From Catalyzing to Institutionalizing Change in 2- to 4-year STEM Transfer in Wisconsin

Sarah Sweger¹, Kevin Mirus², Amanda Butz¹, Janet Branchaw¹

¹*University of Wisconsin - Madison*. ²*Madison Area Technical College*

Transforming Classroom Practices Through Data-Driven Communities of Practice: The Ascend Initiative

Transforming Classroom Practices Through Data-Driven Communities of Practice: The Ascend Initiative

Rachael Hannah¹, Kathryn Johnson², Sushilla Knottenbelt³, Christine Rodriguez⁴, Karen Schmeichel⁵, Joseph Suilmann³

¹*University of Alaska Anchorage*. ²*Xavier University*. ³*University of New Mexico*. ⁴*Fairfield*

				University. ⁵ Oglethorpe University	
2:15 - 2:30pm		Transition			
2:30 - 2:45pm		<p>Building Institutional Alignment through High-Impact Relationships</p> <p>Building Institutional Alignment through High-Impact Relationships</p> <p><u>Kate Williams</u>, Laura Carruth, Rebecca Watts Hull</p> <p><i>Georgia Institute of Technology</i></p>	<p>Teaching TRIOS: Lessons Learned through A Strength-Based Approach to Peer Observation</p> <p>Teaching TRIOS: Lessons Learned through A Strength-Based Approach to Peer Observation</p> <p><u>Sarah Bleiler-Baxter</u>, Alyssa Freeman, Gregory Rushton, Cassandra Mohr, Andrew Puente, Abigail Nkuah, Cory Wang, Aspen Malone, Grant Gardner</p> <p><i>Middle Tennessee State University</i></p>	<p>Leveraging Networked Improvement Community Tools and Processes as Boundary Objects in Collaborations for Systemic Change</p> <p>Leveraging Networked Improvement Community Tools and Processes as Boundary Objects in Collaborations for Systemic Change</p> <p><u>Alyson Lischka</u>¹, <u>Wendy Smith</u>^{2,3}, <u>Dana Franz</u>⁴</p> <p>¹<i>National Center for Science and Civic En.</i> ²<i>Binghamton University.</i> ³<i>STEM Educator, Center for Learning and Teaching, Binghamton U..</i> ⁴<i>University of California Los Angeles</i></p>	<p>Hang together or Hang Separately? Organizing for the Future of STEM Reform</p> <p>Hang together or Hang Separately? Organizing for the Future of STEM Reform</p> <p><i>Eliza Jane Reilly¹, Michelle Withers^{2,3}, Debra Pires⁴</i></p> <p>¹<i>National Center for Science and Civic En.</i> ²<i>Binghamton University.</i> ³<i>STEM Educator, Center for Learning and Teaching, Binghamton U..</i> ⁴<i>University of California Los Angeles</i></p>
2:45 - 3:00pm				<p>Sharing the Work of the Roundtable on Systemic Change in Undergraduate STEM Education of the National Academies of Sciences, Engineering, and Medicine</p> <p>Sharing the Work of the Roundtable on Systemic Change in Undergraduate STEM Education of the National Academies of Sciences, Engineering, and Medicine</p>	

3:00 - 3:15pm					<p>Sciences, Engineering, and Medicine <u>Kerry Brenner</u>, Beth Cady <i>National Academies of Sciences, Engineering, and Medicine</i></p>
3:15 - 3:30pm	<p>Transition</p>				<p>Creating an Equitable Leadership for Change</p>
3:30 - 4:15pm	<p>Lightning Round/Roundtable Pitches</p> <p>“Mentoring at Scale” to Expand the STEMM Community</p> <p><u>Tekla Nicholas</u> <i>Florida International University</i></p> <p>Are you working to change your department? Let’s talk!</p> <p><u>Joel Corbo</u>¹, Courtney Ngai², Jaclyn Rivard³, Sarah Wise¹</p> <p>¹<i>University of Colorado Boulder</i>. ²<i>Colorado State University</i>. ³<i>University of Southern Mississippi</i></p> <p>The Culture of Chemistry Project: an initial analysis of values and assumptions in the discipline of chemistry</p> <p><u>Courtney Ngai</u> <i>Colorado State University</i></p> <p>Change Insight through the SEER Institute</p> <p><u>Evangeline Su</u> <i>Wisconsin Center for Education Research, University of Wisconsin-Madison</i></p> <p>Positioning Centers for Teaching and Learning and STEM Education Centers for maximum impact: successes and challenges</p> <p><u>Andrea Follmer Greenhout</u>¹, <u>Gregory Rushton</u>²</p> <p>¹<i>The University of Kansas</i>. ²<i>Middle Tennessee State University</i></p> <p>Sustaining commitment to our work</p> <p><u>Eliza Jane Reilly</u> <i>National Center for Science and Civic Engagement</i></p> <p>Educational impacts of emerging technology and AI</p> <p><u>Sara Wilson</u>, <u>Douglas Ward</u> <i>University of Kansas</i></p> <p>Building promotion and compensation structures to support faculty pedagogical development and course transformation</p>				

Christopher Hass

Rutgers New Brunswick

Balancing metrics for success for administrators and the need to engage all faculty in the change

Kathy Quardokus Fisher

University of Notre Dame

Sustaining Change Efforts Through Turnover

Wendy Smith

University of Nebraska-Lincoln

Establishing and Sustaining Communities of Practice

Brittany Peterson

Southern Illinois University Edwardsville

Minority Serving Institutions, advising, and student success

Belinda Rosario

Inter American University of Puerto Rico - Metropolitan Campus

4:15 - 5:00pm

Roundtable Discussions: Small Breakout Groups

Table 1. Running a Center of Teaching and Learning or STEM Education Center – Dea Greenhout/Gregory Rushton

Table 2. How can Minority-Serving Institutions design and implement structured academic advising systems to improve retention and equity in STEM education –

Belinda Rosario

Table 3. Sustaining commitment to our work – Eliza Jane Reilly

Table 4. Educational impacts of emerging technology and AI – Sara Wilson/Doug Ward

Table 5. Building promotion and compensation structures to support faculty pedagogical development and course transformation – Christopher Hass

Table 6. Balancing metrics for success for administrators and the need to engage all faculty in the change – Kathey Quardokus Fisher

Table 7. Sustaining change efforts through turnover – Wendy Smith

Table 8. Establishing and sustaining communities of practice – Brittany Peterson

Table 9: The Culture of Chemistry Project: an initial analysis of values and assumptions in the discipline of chemistry - Courtney Ngai

Table 10: Departmental Change Network - Joel Corbo -

Table 11: "Mentoring at Scale" to Expand the STEMM Community - Tekla Nicholas

Table 12: Change Insight through the SEER process - Lucas Hill

5:00 - 5:15pm

Poster Session 2A and Networking Break

Finding Our North Star: An Archival Exploration of the University of Minnesota's Land-Grant Mission Over Time

Sammi Dittloff

University of Minnesota

Positioning Faculty Experts as Change Agents

Kristin Wobbe, Kimberly LeChasseur

Worcester Polytechnic Institute

Institutional Strategies to Transform Teaching Evaluation: Developing Theories of Change

Sandra Laursen, Valerie Williams

U. Colorado Boulder

5:15 - 5:55pm

Characterizing the Emerging Field of Departmental Change

Joel Corbo¹, Courtney Ngai², Jaclyn Rivard³, Sarah Wise¹

¹*University of Colorado Boulder*. ²*Colorado State University*. ³*University of Southern Mississippi*

Building a Culture of Improvement – Using a Systems Approach to Scaling the Gateway Project

Tekla Nicholas, Leanne Wells

Florida International University

Designing Effective Structures to Foster Distributed Leadership in a Large, Multi-institutional Change Network

W Gary Martin, Marilyn Strutchens

Auburn University

ORIC: a multi-institutional approach to Enhance Organizational Research Impact Capacity

Susan Renoe^{1,2}, Sara Vassmer^{1,2}

¹*University of Missouri*. ²*Center for Advancing Research Impact in Society*

Assessing the Success of a 14-Institution Collaborative Undergraduate STEM Education Inclusivity Initiative

Madison Fitzgerald-Russell¹, Renee Cole¹, Erin Shortlidge², Christy Wentz³

¹*University of Iowa*. ²*Portland State University*. ³*Hamilton College*

Initiating an ecosystem approach to student success

Jennifer Smith, Alessandra York, Michael Cahill, Heidi Kolk

Washington University in St. Louis

The BioQUEST Curriculum Consortium: A Community of Educators Supporting Evolution and Revolution in STEM Education

Melissa Haswell^{1,2}, Sarah Prescott^{2,3}, Deborah Rook², Drew Lamar^{4,5}, Sam Donovan²

¹*Delta College*. ²*BioQUEST*. ³*University of New Hampshire*. ⁴*College of William and Mary*. ⁵*BioQUEST/QUBES*

From SAGE 2YC to C-ChanGe: Building on a Successful PD Model for Disciplinary Change

John McDaris¹, Cailin Huyck Orr¹, Jabari Jones², Dyanna Czeck³, Pamela Eddy⁴, Heather Macdonald⁴, Eric Baer⁵

¹*Carleton College*. ²*Bowdoin College*. ³*University of Wisconsin Milwaukee*. ⁴*College of William and Mary*. ⁵*Highline College*

Behind the Research: A Team Building and Productivity Case Study

Aspen Malone, Sarah Bleiler-Baxter, Alyssa Freeman, Grant Gardner, Cassandra Mohr, Abigail Nkuah, Andrew Puente, Gregory Rushton, Cory Wang

Middle Tennessee State University

Canoeing the Mountains: Navigating Change to Transform [Mathematics] Departments for the Future

Karen Gaines

AMATYC

Creating a Culture of Inclusive Excellence: A Multi-Year Initiative at SIUE

Brittany Peterson, Maurina Aranda, Sharon Locke

Southern Illinois University Edwardsville

Interdisciplinary Research as a Catalyst for Systemic Change in Higher Education

VINODH KUMAR CHELLAMUTHU

Utah Tech University

5:55 - 6:05pm

Flip Posters

6:05 - 6:45pm

Poster Session 2B and Networking Break

Characterizing STEM Departmental Teaching Culture: A Literature Review of the How, the Why, and the What

Cassandra Mohr, Alyssa Freeman, Sarah Bleiler-Baxter, Aspen Malone, Abigail Nkuah, Andrew Puente, Cory Wang, Grant Gardner, Gregory Rushton

Middle Tennessee State University

OrganicERs: Increasing Evidence-Based Instructional and Assessment Practices in Organic Chemistry Courses Throughout the United States

Jennifer Muzyka¹, Justin Houseknecht², Alexey Leontyev³, Catherine Welder⁴

¹*Centre College*. ²*Wittenberg University*. ³*North Dakota State University*. ⁴*Dartmouth College*

Facilitating Sustainable Change: A Strategic Path to Inclusive Excellence

Allison D'Costa¹, Latanya Hammonds-Odie¹, Clay Runck¹, Yi Ding¹, Omar Villanueva^{1,2}

¹*Georgia Gwinnett College*. ²*Beyond Benign*

Transforming the Doctoral Experience: Partnering with students for high-impact practice

Jaclyn Rivard¹, Veronica Wilson², Marki Alexander³, Jamie Pang⁴

¹*University of Southern Mississippi*. ²*National Louis University*. ³*University of Tulsa*. ⁴*Elgin Community College*

Crossing Boundaries to Transform Secondary Mathematics Teacher Education

Marilyn E. Strutchens, Wayne G. Martin

Auburn University

The SCIENCE Collaborative: Collectively Increasing Institutional Capacity for STEM Undergraduate Education Reform

Kathryn Johnson¹, Nykara Brown¹, Anna Flaming², Rachael Hannah³, Gabie Smith⁴, John Tansey⁵, Shoshana Zeisman-Pereyo⁶

¹*Xavier University*. ²*University of Iowa*. ³*University of Alaska Anchorage*. ⁴*Elon University*. ⁵*Otterbein University*. ⁶*Portland State University*

Hunter-gatherers: The Student's Journey of Foraging for Academic, Social, and Communication Resources

Omar Safir

University of Kansas

Re-envisioning Office Hours to Increase Participation and Engagement

Ana Paula Benaduce, Lisa Brinn

Florida International University

Unpacking Department Teaching Culture Through the Lens of Self-Determination Theory

Alyssa Freeman, Cassandra Mohr, Grant Gardner, Aspen Malone, Abigail Nkuah, Andrew Puente, Gregory Rushton, Cory Wang, Sarah Bleiler-Baxter

Middle Tennessee State University

Leveraging Collaborative Expertise to Drive Educational Change Among Faculty at an Urban University

Ashley Gartner

University of Nebraska at Omaha

Matching strategies to support organizational culture change: Enhancing faculty research translation via continuation of the Promotion & Tenure – Innovation & Entrepreneurship (PTIE) project

Purim Junkham, Jana Bouwma-Gearhart, Jesenia Rosales, Rachael Cody, Rich Carter

Oregon State University

ASCN Working Group 5: Actions on Social Justice, Equity, Diversity and Inclusion

Patricia Marsteller^{1,2}, Melissa Haswell³, Sharon Homer Drummond⁴, Sarah Prescott²

¹*Emory*. ²*BioQUEST*. ³*Delta College*. ⁴*NSF*

Empowering STEM Faculty: A Theory of Change Grounded in Self-Determination and Strengths-Based Reflection

Andrew Puente¹, Cory Wang¹, Abigail Nkuah¹, Gregory Rushton¹, Sarah Bleiler-Baxter¹, Alyssa Freeman², Grant Gardner¹, Aspen Malone¹, Cassandra Mohr¹

¹*Middle Tennessee State University*. ²*asf3x@mtmail.mtsu.edu*

Redesigning STEM Culture. Advancing Institutional Transformation Through Faculty Professional Development for (JEDI-focused) Inclusive Teaching Excellence

Karlita Warren¹, Vanessa Preisler², Christine Broussard²

¹*The Kizo Effect, LLC*. ²*The University of La Verne*

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7:30 - 8:00am	Silence in Community (morning meditation practice)	Breakfast				
8:00 - 8:45am						
8:45 - 9:00am	Transition					
9:00 - 9:45am	Community-Gathering: Leveraging networks for sustained systemic change: what to do when the funding ends Leveraging networks for sustained systemic change: what to do when the funding ends. <u>Christine Broussard</u> <i>University of La Verne</i>	Driving Evidence-Informed Educational Improvement through Collaborative Inquiry Driving Evidence-Informed Educational Improvement through Collaborative Inquiry <u>Andrea Follmer</u> <u>Greenhoot</u> , <u>Omar Safir</u> , Joshua Potter <i>University of Kansas</i>	Sustaining Joy (in life/in higher education) Attendees are invited to engage in a creative foresight activity. Oh, and there are prizes too.	Inclusive Excellence@OSU: Sharing the impacts of 5 years of faculty development Inclusive Excellence@OSU: Sharing the impacts of 5 years of faculty development Holly Cho, <u>Victoria Sellers</u> , Martin Storksdieck, Devon Quick, Lori Kayes, Carmen Harjoe, Mary Beisiegel <i>Oregon State University</i>	Advancing STEM teaching nationwide through 500+ trained local learning community facilitators Advancing STEM teaching nationwide through 500+ trained local learning community facilitators Bennett Goldberg ¹ , Diane Codding ¹ , Sarah Hokanson ² , Alex Yen ³ ¹ <i>Northwestern University</i> . ² <i>Boston University</i> . ³ <i>Massachusetts Institute of Technology</i>	
9:45 - 10:00am		Transition				
10:00 - 10:45am		Strengthening Systemic Change Initiatives through Scaffolding Processes: Insights for Change Leadership Teams	Sustaining Joy (in life/in higher education) Attendees are invited to engage in a creative foresight activity. Oh, and there are prizes too.	Change can happen quickly: An engaging physical sciences faculty learning community Change can happen quickly: An engaging	Empowering change: Exploring multiple perspectives on benefits and challenges of an instructional change initiative that engages faculty and	

		<p>Strengthening Systemic Change Initiatives through Scaffolding Processes: Insights for Change Leadership Teams</p> <p>Ann Austin¹, Sandra Laursen², Kris De Welde³, Diana Roque²</p> <p>¹<i>Michigan State University.</i> ²<i>University of Colorado Boulder.</i> ³<i>College of Charleston</i></p>	<p>physical sciences faculty learning community</p> <p>Shanna Shaked, <u>Rachel Kennison</u>, Albert Courey, K. Supriya, Harrison Parker</p> <p><i>UCLA</i></p>	<p>undergraduate students in improving STEM courses together</p> <p>Empowering change: Exploring multiple perspectives on benefits and challenges of an instructional change initiative that engages faculty and undergraduate students in improving STEM courses together</p> <p>Hannah Castro¹, Tyler Atkinson¹, Alicia Montecinos¹, Eleanor Close¹, Madison Fitzgerald-Russell², Kylie Hedge¹, Alexis Kerr³, <u>Alice Olmstead</u>¹</p> <p>¹<i>Texas State University.</i> ²<i>University of Iowa.</i> ³<i>Sam Houston State University</i></p>
10:45 - 11:00am	Transition			
11:00 - 11:45am		<p>Building Lasting Momentum: Engaging Faculty in Evidence-Based Teaching Through MoSI, CoPs, and local Communities of Transformation.</p> <p>Building Lasting Momentum: Engaging Faculty in Evidence-Based Teaching Through MoSI, CoPs, and local Communities of Transformation.</p>	<p>A CIRTL Change Leadership Development Program for Early Career Educators to Advance Inclusive STEM Teaching and Learning: Lessons Learned from an NSF-Funded Pilot</p> <p>A CIRTL Change Leadership Development Program for Early Career Educators to Advance Inclusive STEM Teaching and Learning: Lessons Learned from an NSF-Funded Pilot</p>	<p>Resource Analysis & Planning: Leveraging Strategic Financial Practices for Student Centered Transformation</p> <p>Resource Analysis & Planning: Leveraging Strategic Financial Practices for Student Centered Transformation</p> <p>TERRI DAUTCHER¹, Michael Dennin²</p> <p>¹<i>NACUBO.</i> ²<i>UC Irvine</i></p>

Lundon Pinneo, Mark
Baillie, Michael Moore
University of Arkansas at Little Rock

Learned from an NSF-Funded Pilot.
Rachel Kennison^{1,2}, Kelly Clark^{3,4,2}, Lucas Hill^{5,2}, L.J. McElvary⁶
¹*University of California, Los Angeles.* ²*Center for the Integration of Research Teaching and Learning.* ³*Johns Hopkins University.* ⁴*Krieger School of Arts and Sciences.* ⁵*University of Wisconsin.* ⁶*University of Nebraska-Lincoln*

11:45am - 12:45pm

Lunch and Sustaining Joy (in life/in higher education) (optional activity)

12:45 - 1:00pm

Plenary: Transforming Undergraduate STEM Education: Supporting Equitable and Effective Teaching

Presenters

Dr. Kerry Brenner

Senior Program Officer

Board on Science Education

National Academies of Sciences, Engineering, and Medicine

Dr. Michael Dennin

Professor of Physics & Astronomy and

Vice Provost for Teaching and Learning

University of California, Irvine

Bios are available here: https://docs.google.com/document/d/1YkxcwQZ3Bn_r0HDwiAl_oNwUS3RymfKAo-CiPXwwyLU/edit?tab=t.0

1:15 - 1:20pm

Closing Keynote: Happiness 101

Dr. Timothy Bono,

Lecturer in Psychological & Brain Sciences, Washington University in St. Louis

Dr. Tim Bono is a faculty member in the Department of Psychological & Brain Sciences at Washington University in St. Louis where his teaching and research focus on positive psychology and college student development. His work has been featured in a number of national media outlets including NBC News, CNN, Fast Company, and the Associated Press. Over the last decade, thousands of students have taken his popular courses on the Psychology of Young Adulthood and

1:20 - 3:00pm

the Science of Happiness. He summarizes the research from those courses, along with how his students have put that information into practice in their own lives, in his book, Happiness 101: Simple Secrets to Smart Living & Well-Being.

Happiness 101

Timothy Bono

Washington University in St. Louis