



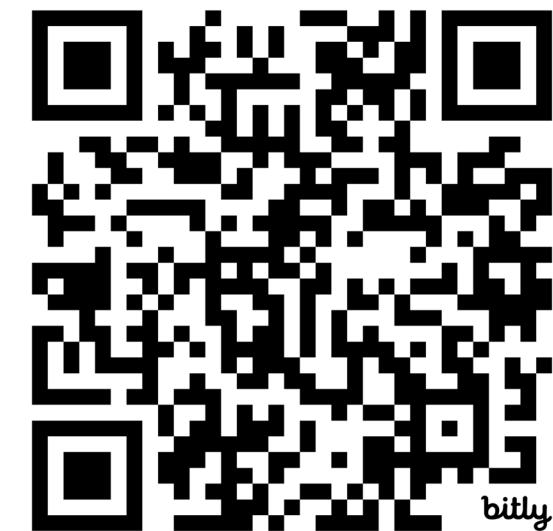
TRANSFORMING INSTITUTIONS

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

St Louis, MO | June 9-11, 2025

Wi-Fi Network: Curio Meeting
Password: 1820

Introduce yourself in Padlet:
<https://bit.ly/TI-2025-2> or QR code



#TransformInstitutions2025



Welcome

2025 Transforming Institutions Conference

Kacy Redd, Noah Finkelstein, Andrea Beach

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INSTITUTIONS

#TransformInstitutions2025

Thank you to the planners

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Terri Dautcher, NACUBO

Noah Finkelstein, University of Colorado

Melissa Haswell, Delta College

Charles Henderson, Western Michigan University

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Sharon Locke, Southern Illinois University Edwardsville

Kacy Redd, APLU

Allison Smith, New York University

Gabriela Weaver, University of Massachusetts Amherst

Michelle Withers, Binghamton University

Casey Wright, University of Iowa

SERC team

Thank you to our reviewers

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Thank you to the hosts and sponsors

ASCN

Association of Public and Land-grant Universities

Network of STEM Education Centers (NSEC)

St. Louis Union Station Conference Team

National Science Foundation



This material is based upon work supported by the National Science Foundation under Grant # 2500091, 1726315, 1524832, & 1834518. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the authors and do not necessarily reflect the views of the National Science Foundation.

Thank you to all of you



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INSTITUTIONS

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Orientation to the conference

- Back of name badge with link to program guide
- Know Before You Go email
 - Presenter Guidelines – automatic captioning, upload to Oxford Abstracts
 - Regency Ballroom (plenary and meals), Midway Suites 1-6 (concurrent sessions), Upper Ballroom (registration desk), Station Master Room (Quiet room), and Restrooms.
 - Code of Conduct and Harassment Policy - Andrea Beach or Charles Henderson
 - Introduce yourself via the Padlet
- Accessibility needs
 - Kacy Redd or Abigael Eshete



Schedule for today



Bit.ly/TIProgram2025

3:30PM

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

5:15PM

5:15-5:55pm

Poster Session 1A and Networking Break

14 submissions

5:55PM

5:55-6:05pm

Flip Posters

6:05PM

6:05-6:45pm

Poster Session 1B and Networking Break

15 submissions

Situating Ourselves: Welcome Sixth! Transforming Institutions Conference

2011

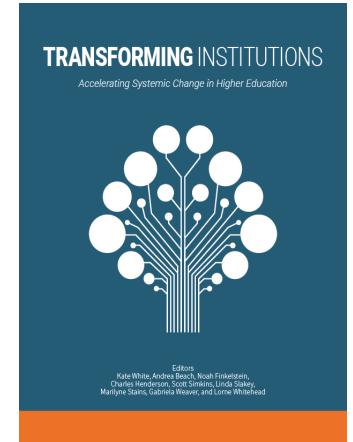
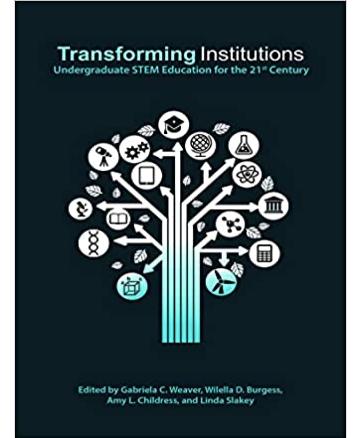
2014

2019

2021

2023

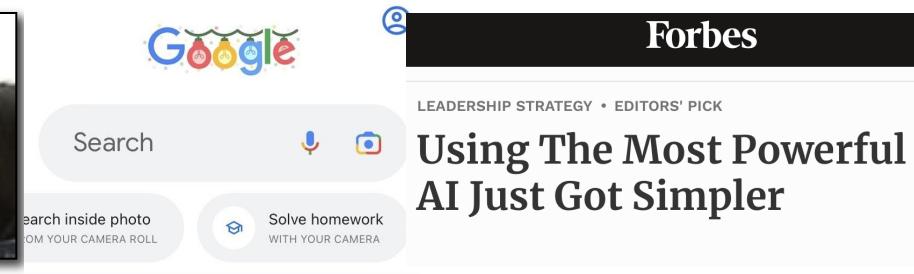
2025



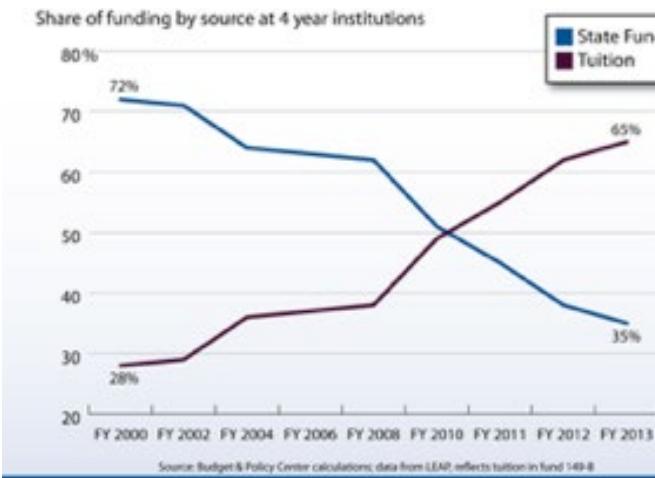
Situating Ourselves 2025: recalling 2023

A time of accelerating change?

New Models/Modes of Education



Financial



Public Will / Policies Don't Buy The Hype, College Shifting Roles of Faculty/Staff



Demographic & Population Shifts



Situating Ourselves: 2025: overt dismantling of higher education & infrastructure



NATIONAL SCIENCE I

FY 2026 Budget Requests



Number of People Involved in NSF Activities

	FY 2024			FY 2026		
	Plan	FY 2025	Request	Plan	FY 2026	Estimate
	Estimate	(TBD)	Estimate	Estimate	(TBD)	Request
Senior Researchers	60,400		16,900		177.73	-252.29
Other Professionals	14,400		4,100		1.15	-0.60
Postdoctoral Associates	5,500		1,000		196.89	56.3%
Graduate Students	41,500		12,400		10.00	-3.50
Undergraduate Students	37,300		8,000		12.74	-50.96
PreK-12 Teachers	42,900		8,200		350.00	-267.90
PreK-12 Students	128,100		39,400		108.47	-143.31
Total Number of People	330,100		90,000		44.00	-30.07

NATIONAL SCIENCE FOUNDATION SUMMARY TABLE

FY 2026 BUDGET REQUEST TO CONGRESS

(Dollars in Millions)

NSF by Account	FY 2024	FY 2025	Change over		
	Current	Estimate	FY 2026	FY 2024 Current Plan	
	Plan ¹	(TBD)	Request	Amount	Percent
BIO	\$789.59		\$224.89	-\$564.70	-71.5%
CISE	989.35		346.27	-643.08	-65.0%
EDU	1,154.31		288.43	-865.88	-75.0%
ENG	740.80		185.20	-555.60	-75.0%
GEO	1,577.08		873.57	-703.51	-44.6%
<i>GEO: OPP</i>	559.76		497.22	-62.54	-11.2%
<i>U.S. Antarctic Logistics Activities</i>	109.31		109.31	-	-
MPS	1,554.21		515.28	-1,038.93	-66.8%
SBE	200.20		94.00	-196.29	-67.6%
			44.00	-30.07	-40.6%
			350.00	-267.90	-43.4%
			108.47	-143.31	-56.9%
			10.00	-3.50	-25.9%
			12.74	-50.96	-80.0%
			177.73	-252.29	-58.7%
			1.15	-0.60	-34.3%
			196.89	70.89	56.3%



Our Responses: Rowing in the Same Direction



Our Program Reflects this Opportunity: Rowing in the Same Direction. We're in this TOGETHER

Community Colleges: Building Partnerships & Transforming Communities



Resilient by Design: Sustaining and Advancing Student-Ready STEM Education

Tia Brown McNair
Partner, Sova



Transforming Undergraduate STEM Education: Supporting Equitable and Effective Teaching

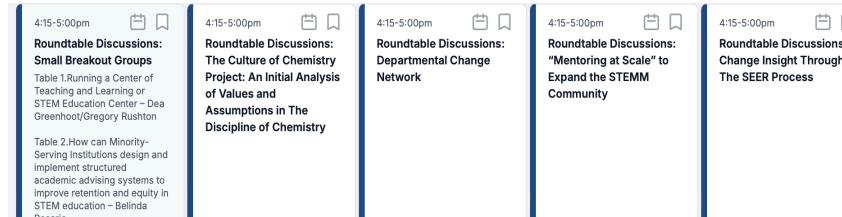


Happiness 101

Timothy Bono
Assistant Dean, Office of the Vice Chancellor for Student Affairs
Lecturer in Psychological & Brain Sciences
Washington University in St. Louis

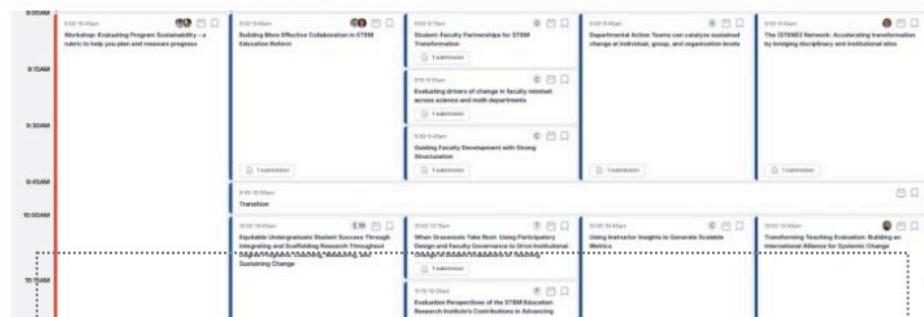


Lighting Rounds/ Roundtables



Morning Workshop & Breakout Sessions

Tuesday, June 10 | 9:00 AM - 10:45 PM CT



Poster Sessions & Networking Breaks

12:00-1:15pm

Lunch

Silence in Community
(morning meditation practice)

Sustaining Joy
(optional activity)

Situating Ourselves: our communities



NSEC
Network of STEM Education Centers

#TransformInstitutions2025



Accelerating Systemic Change Network

Cultivating Connections

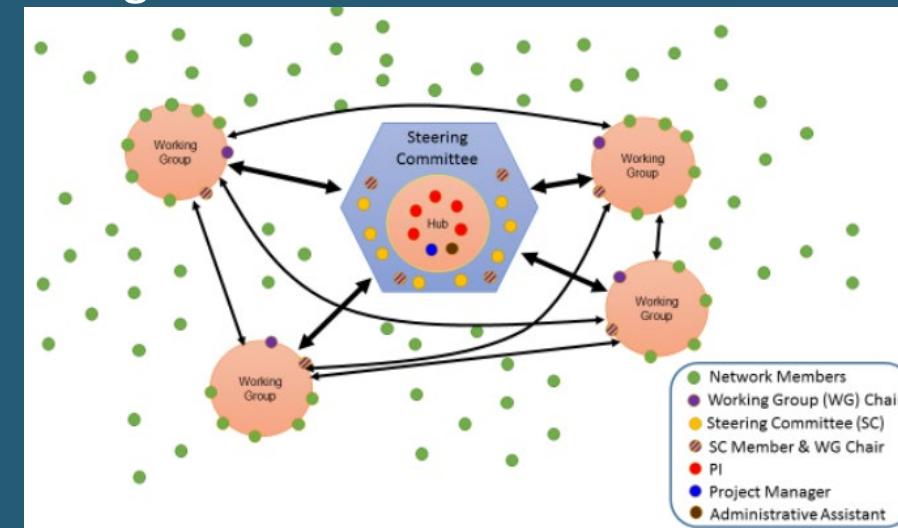
- Intellectual home for researchers and change agents working on higher education change
- Coordinate with national efforts

Resource Curation and Creation

- Aggregate and create resources for supporting researchers and change agents.

Endorse Ideas and Resources

- ASCN endorses and advocates for ideas and/or materials that will facilitate change in higher education.



ASCN Achievements



Working Group	Activities
Guiding Theories	<ul style="list-style-type: none">• Developed a collection of change theory summaries,• Held national workshop, and wrote two published articles on change theory.
Costs, Benefits, & Demonstrating Impact	<ul style="list-style-type: none">• Critical Resource Collection for Demonstrating Impact• Workshop planned for 2024 - Aligning financial decisions with inclusive and effective instructional practices
Change Leaders	<ul style="list-style-type: none">• Critical Resources for Change Agents• Webinar Series and Short Courses for Change Agents• Planning short course on Non-Linear process of change
Equity and Inclusion	<ul style="list-style-type: none">• WG members wrote NSF EHR Racial Equity proposal for a Systemic Change Institute• Ongoing DEI in STEMM Blog Series• Edited Book for Practitioners on inclusive teaching in STEM
Aligning Faculty Incentives with Systemic Change	<ul style="list-style-type: none">• Critical Resources for Teaching Evaluation Processes• Edited Repository of Teaching Evaluation Change Initiatives
Learning Spaces	<ul style="list-style-type: none">• Hosted 37 attendees (architects, learning space practitioners and researchers, other stakeholders) at HHMI meeting with funding from Sloan Foundation and in-kind support from HHMI.

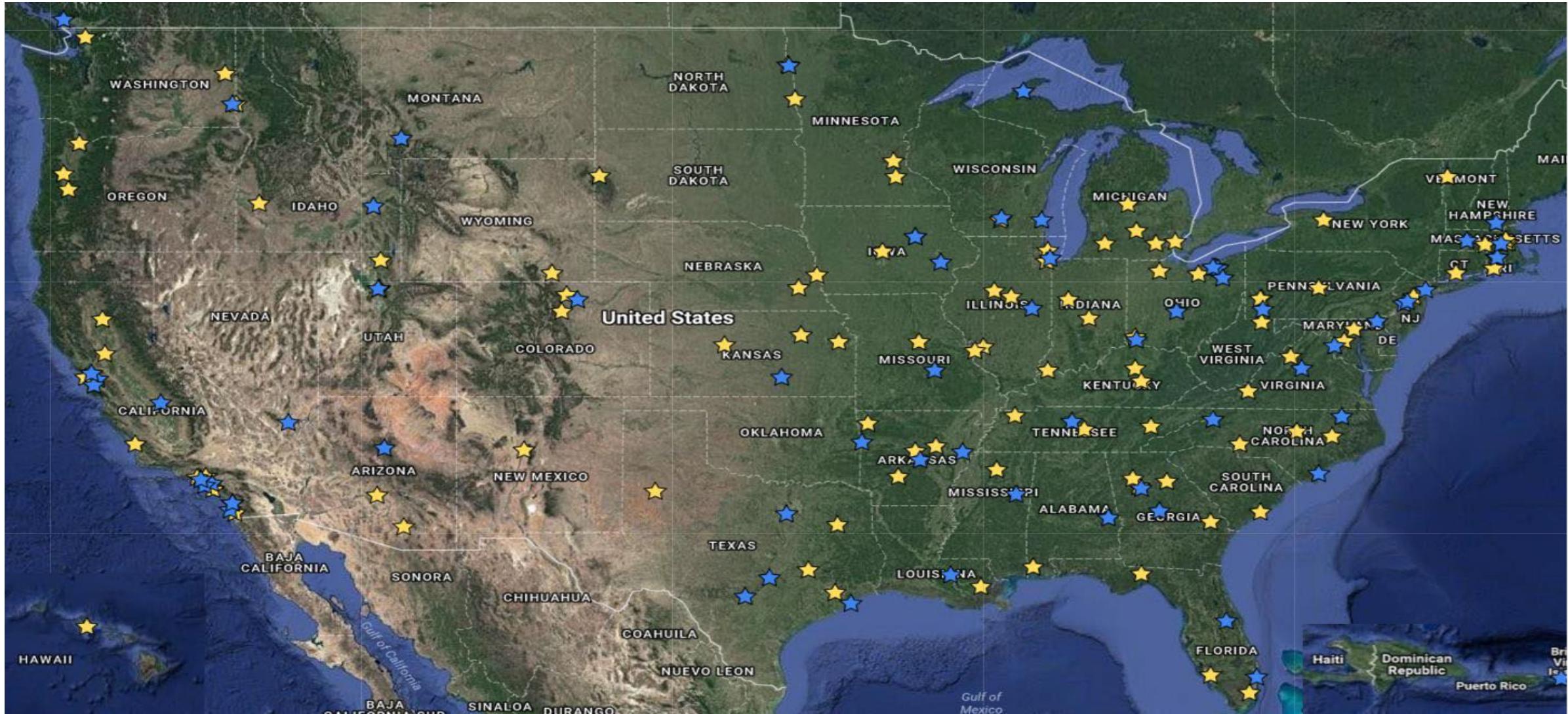
Network of STEM Education Centers (NSEC)

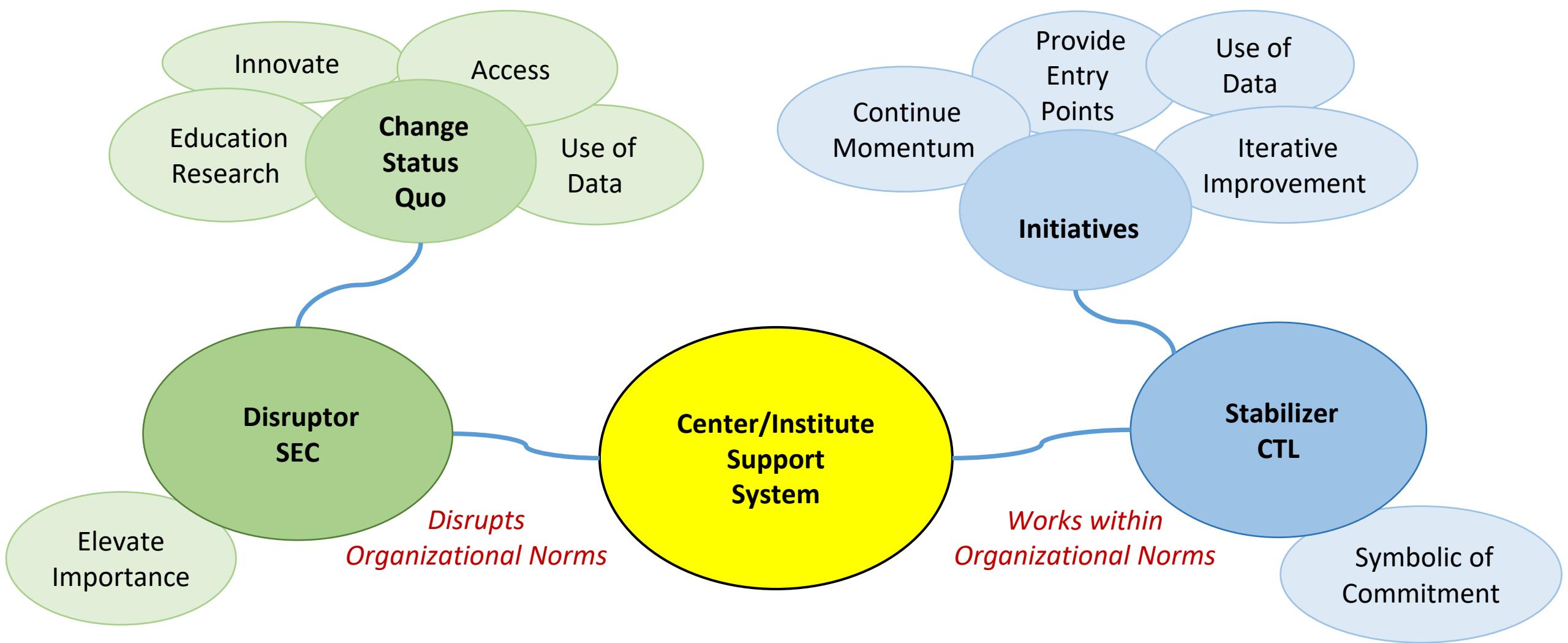


ASSOCIATION OF
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UNIVERSITIES



NSEC
Network of STEM Education Centers





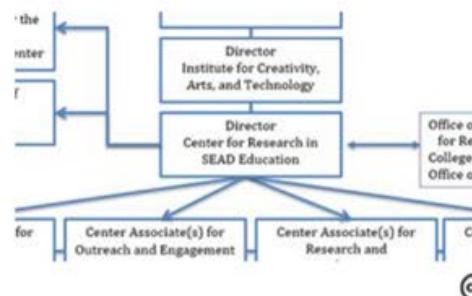
The Disruptor/Stabilizer Support System: A Model for Center Roles in Undergraduate STEM Education

Network of STEM Education Centers[Campus Centers](#)[The Network](#)[Get Involved](#)**STEM Center Toolkit**[Communicating Vision and Mission](#)[Organizational Structures](#)[Funding and Resources](#)[Evaluation and Assessment](#)[Building Partnerships](#)[Communication Strategies](#)[STEM DBER Resources](#)[Webinar on Evaluating Centers](#)[Workshops](#)[Conferences](#)[Center Profiles](#)[STEM Education Innovation Programs](#)[Research Action Clusters](#)[Community Essays](#)[News and Jobs](#)

STEM Education Center Resources

Here you can find publications, essays, and webinars that provide guidance, tools, and resources for STEM education centers.

STEM Education Center Toolkit



There are as many ways of organizing the activities and people of a center as there are centers. But that doesn't mean that there aren't some common lessons to be learned. Each section of the Toolkit draws on the real experiences of centers to illuminate guidance and best practices in a particular area of activity. Over the course of several [workshops](#), the NSEC community has recognized areas where there is expertise available in the network that should be shared more widely. At the [2016 Workshop](#) in San Antonio, participants synthesized guidance on these 5 topical areas from [essays](#) and [stem center profiles](#) submitted by network members. The sixth section on Communication

Strategies was added after the [2018 working meeting](#).

Communicating Vision and Mission

Time spent developing vision and mission statements is an investment in success, but being able to communicate that vision and mission is just as important. [read more »](#)

Organizational Structures

There are as many ways of organizing the activities and people of a center as there are centers. But that doesn't mean that there aren't lessons to be learned. [read more »](#)

Funding and Resources

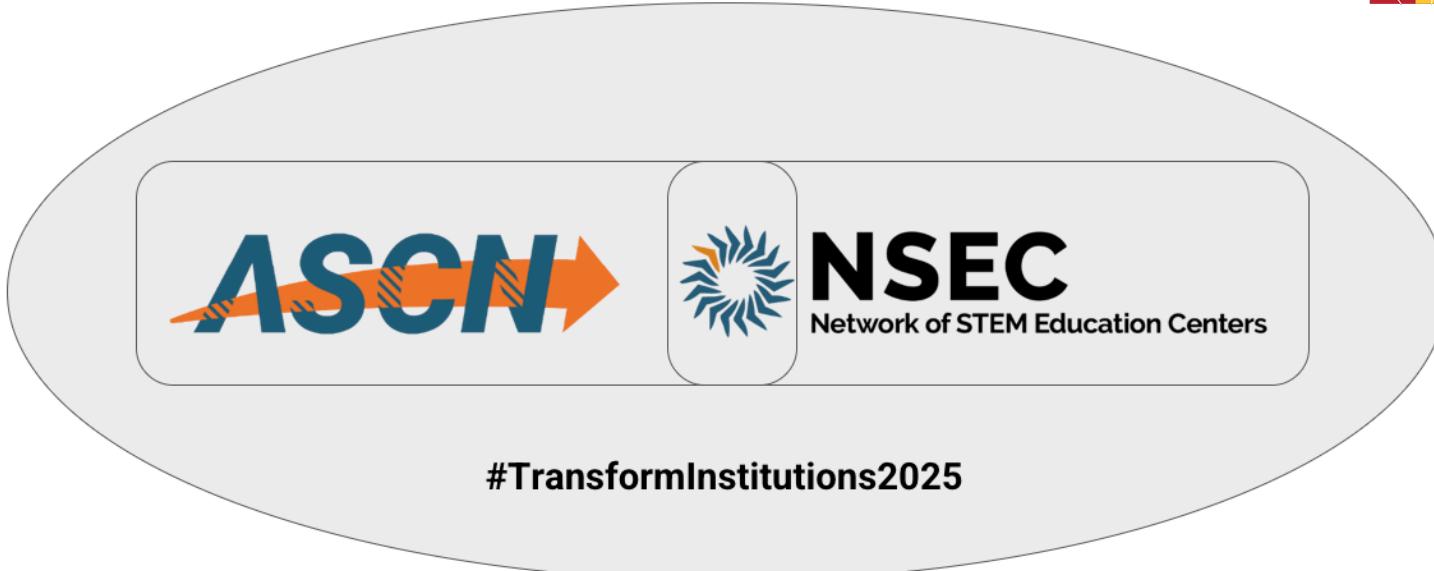
There are multiple, interconnected parts to funding and supporting center activities. Each is important and needs to be understood in terms of how all of them play together as a system. [read more »](#)

Let's Row Together



AAU

AAC&U



Community Colleges: Building Partnerships & Transforming Communities



Karen Stout
President and CEO
Achieving the Dream



Michael Gavin
President
Delta



Russell Lowery-Hart
Chancellor
Austin Community
College District



Keith Curry
President/CEO
Compton College



Melissa Haswell (Moderator)
Associate Dean of Science and
Mathematics Division
Delta College

Small Group Discussion on Community

1. What communities currently provide you with joy, energy, or comfort? What communities do you actively nurture or support?
2. Share one way you want to be more intentional about building community or partnership in your work.
3. Reflect for a couple of minutes and then discuss at your table. Introduce yourself and share one thing.

Report Out via Padlet

- Share one way you build or support community that might inspire someone else to try something similar



<https://bit.ly/TI-2025-2>

Poster Session 1A (Odd Posters) & Networking Break

Monday, June 9 | 5:15 PM-5:55 PM CT

Wi-Fi -Network: [Curio Meeting](#) | Password: 1820

Flip Posters

Monday, June 9 | 5:55 PM-6:05 PM CT

Wi-Fi -Network: [Curio Meeting](#) | Password: [1820](#)

Poster Session 1B (Even Posters) & Networking Break

Monday, June 9 | 6:05 PM-6:45 PM CT

Wi-Fi -Network: [Curio Meeting](#) | Password: [1820](#)