



Achieving Excellence in Workforce Education

A Discussion with CCPI-Fellows and their Mentors

CCPI-CAST
APRIL 11, 2025
1:00 – 2:00 PM ET

ccpi-stem.org/webcasts-podcasts/



PRINCE GEORGE'S
COMMUNITY COLLEGE

Presentations Slides , Zoom Recordings, & Upcoming CCPI-Casts

- ❖ Available on the CCPI-STEM website @ ccpi-stem.org/webcasts-podcasts/
- ❖ 15 previous CCPI-Cast episodes available as both webcasts and podcasts
- ❖ Upcoming CCPI-Casts: registration link available @ ccpi-stem.org homepage under Upcoming Events
 - ~~Friday, April 25, 2025: 1:00 pm ET;~~ **“AI in STEM Education” postponed until late August/early September**



Welcome and Introductions

Today's Speakers

- Dr. Marcia Pfeiffer, President Emerita, St. Louis Community College, MO (Mentor)
- Dr. Danielle Jacobs Duda, Professor, Rider University, NJ (Mentor)
- Prof. Bethany Sansing-Helton, Madison Area Technical College, WI (Cohort 1 Fellow)
- Prof. Laurel Carpenter, Holyoke Community College, MA (Cohort 2 Fellow)
- Prof. Elizabeth Gonzalez, South Texas College, TX (Cohort 3 Fellow)
- Prof. Amanda Hanley, Cuyahoga Community College, OH (Cohort 3 Fellow)

Today's Moderator

- Dr. Elizabeth K. Hawthorne, CCPI-STEM Co-PI, Senior Professor Emerita, Computer Science and Cybersecurity, Union College, NJ

CCPI-STEM Fellows Program Coordinator

- Dr. Ashok Agrawal, Interim CEO/ED, American Society for Engineering Education



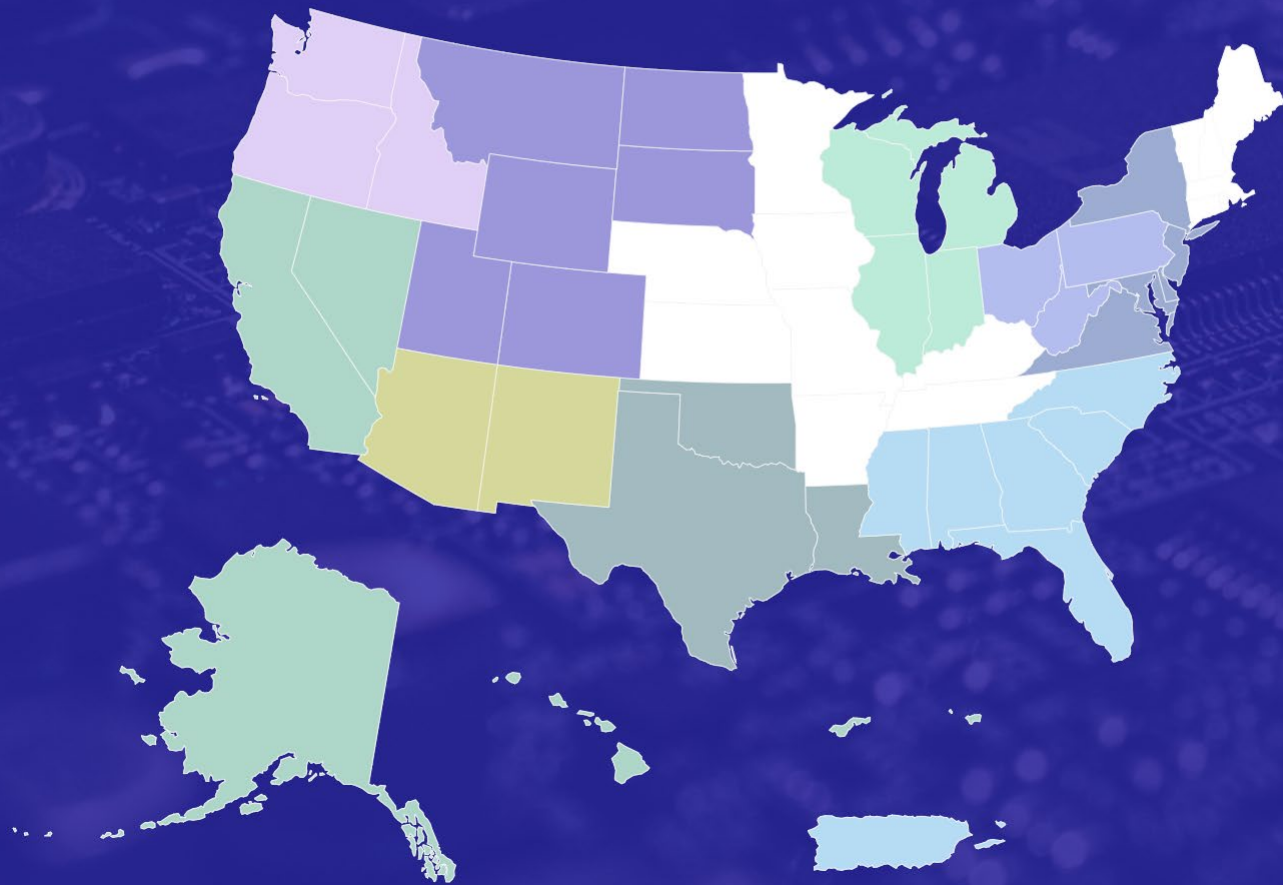
Today's Topics

- ❑ Key Initiatives of the CCPI-STEM Initiative
- ❑ 18 CCPI-STEM Fellows Selected to Date
- ❑ Discussion with CCPI-STEM Fellows and Mentors (cohorts 1, 2 & 3)
- ❑ How to Apply to the CCPI-STEM Fellows Program
ccpi-stem.org/ccpi-stem-fellows-program/
- ❑ Brief Poll and Audience Q & A



Regional Networks

Hover over each region for descriptions, click for details



Key Initiatives of CCPI-STEM

CCPI-STEM initiative focuses on advancing STEM workforce education, and promoting the NSF Advanced Technological Education (ATE) program

- Establishment of community college Regional Networks for advancing STEM workforce education and encouraging academic and business partnerships
- CCPI-STEM Fellows & Mentoring Program
- Development of NSF ATE instructional modules for inclusion in community college leadership graduate programs and leadership institutes
- Dissemination: National, Regional, Local
 - e.g., CCPI-casts, Presidents' Press, Conferences, Publications, and 3 Thought Leaders Dialogues w/ the League for Innovation in the CC

2022 CCPI-STEM Fellows (cohort 1)

29 Applicants - **6 Selected**

Name	Role/Title	Institution
Bethany Sansing-Helton	Faculty & Co-Chair, Math Department	Madison Area Technical College, WI
Buffy Quinn	Faculty GIS	Onondaga Community College, NY
DeDe Griffith	VP Workforce	Temple College, TX
Emily Halvorson-Otts	Dean Science	Pima Community College, AZ
Eugene Mahmoud	Faculty Engineering	Mt. San Antonio College, CA
Michael Silva	Faculty Biology	Solano Community College, CA



2022 CCPI-STEM Fellows cont'd



Bethany Sansing-Helton



DeDe Griffith



Buffy Quinn



Emily Halvorson-Otts



Michael Silva



Eugene Mahmoud



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2023 CCPI-STEM Fellows (cohort 2)

25 Applicants - **7 Selected**

Name	Role/Title	Institution
Jason Boehm	Interim Dean STEM	St. Louis Community College, MO
Karen Bridges	Faculty & Dept. Chair, Physical Sciences	Howard Community College, MD
Laurel Carpenter	Faculty, Environmental Science	Holyoke Community College, MA
LaToya Chandler	Faculty, Interdisciplinary Science	Santa Fe College, FL
Allison Foster	Faculty, Anatomy & Physiology	Columbus State Community College, OH
Diane Rhodes	Faculty, Computer Science	Red Rocks Community College, CO
Mitchell Sweet	Faculty, Chemistry	Scottsdale Community College, AZ



2023 CCPI-STEM Fellows cont'd

■



Jason Boehm



Laurel Carpenter

■



Karen Bridges



LayToya Chandler



2023 CCPI-STEM Fellows cont'd



Allison Foster



Mitchell Sweet



Diane Rhodes



2024 CCPI-STEM Fellows (cohort 3)

19 Applicants - **5 Selected**

Name	Role/Title	Institution
Amanda Colosimo	Faculty, Geology	Monroe Community College, NY
Amanda Hanley	Faculty, Mathematics	Cuyahoga Community College, OH
Danny Darden	Faculty, Computer & Information Technology	Kilgore Community College, TX
Elizabeth Gonzalez	Lead Faculty, Biology	South Texas College, TX
Qurat-ul-Ann Mirza	Program Chair & Faculty, Physics	Rowan College at Burlington County, NJ



2024 CCPI-STEM Fellows cont'd



Amanda Colosimo



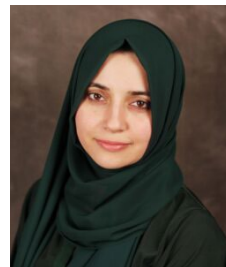
Danny Darden



Amanda Hanley



Elizabeth Gonzalez



Qurat-ul-Ann Mirza



CCPI-STEM Fellows Mentors

- Dr. Marcia Pfeiffer
- Dr. Debra Bragg
- Dr. Avis Proctor
- Dr. Mary Ostrye
- Dr. Sunita “Sunny” Cooke
- Dr. Christine Mangino
- Dr. Martha Shouldis
- Dr. Danielle Jacobs Duda
- Dr. Annette Parker
- Dr. Melanie Williamson
- Dr. Davina Pruitt-Mentle
- Dr. Maureen Murphy
- VP DeDe Griffith
- Prof. Cindy Tucker



Discussion with CCPI-Fellows & Mentors

Bethany (cohort 1), Laurel (cohort 2), Elizabeth (cohort 3), and Amanda (cohort 3)

- Why did you decide to apply for the CCPI-Fellows program?
- What have been the professional benefits of participating in the Fellows program?
- How beneficial has the mentoring been to you professionally and personally?
- Mentors: What has been your experience & benefit serving as a CPPI-Mentor?
- Describe the focus of your STEM Education Research.
- How instrumental has the CCPI-Fellows program been toward achieving your educational and professional goal?



CCPI-STEM Fellows Program

- Objectives
- Eligibility Criteria
- Fellows Activities, Expectations & Honorarium
- Application Process & Timeline



Objectives of CCPI-STEM Fellows Program

- Designed to recognize and support community college faculty, administrators, and other individuals who aspire to:
 - provide leadership or support to community colleges to prepare a workforce educated in STEM-related technologies and skills
 - become future leaders and advocates for STEM and NSF ATE program



Fellow Eligibility Criteria

- ✓ Be a U.S. citizen or permanent resident
- ✓ Have three (3) years of full-time teaching and/or administrative experience in higher education, OR
Currently employed in a STEM-focused business, industry, or a non-profit organization interested in community college education
- ✓ Must either be already enrolled or start in the Fall Semester of 2025 in a master's or doctoral degree program
- ✓ Intend to pursue research in STEM education and workforce development in community colleges
- ✓ Be willing to be a mentee of an administrative leader



Activities, Expectations, and Honorarium

Applicant must

- ✓ Demonstrate interest and commitment to community college education and workforce development programs through their professional activities
- ✓ Participate in professional development and mentoring activities to prepare them for future leadership roles in community colleges
- ✓ Be actively engaged in professional activities in their academic field, institution, and the community
- ✓ Act as ambassadors and champions of ATE program and mentor other college professionals

Honorarium of \$5,000 annually for two years



Application Process and Deadline

Online application coming soon at ccpi-stem.org/ccpi-stem-fellows-program/

Deadline: Monday, September 15, 2025

3-Part Application Form

Part I – Demographic & Academic Information

- ✓ CV or Resume
- ✓ Academic and Work Background (may be included in CV)
- ✓ Proposed Graduate Degree Program & Institution



Application – Part II

Part II – Applicant Statements

- ✓ Statement on why you want to be considered for the CCPI-STEM Fellows program
- ✓ Statement on activities and actions to support and expand STEM education and careers for ALL
- ✓ Statement on the value of leadership to advance and accomplish projects and organizations



Application – Part III

Part III - Reference & Support Letters

- ✓ Support letter from the immediate supervisor of the institution to participate in the Fellows program
- ✓ Two letters of reference from colleagues or other professional contacts



Audience: Poll, Questions & Discussions



ccpi-stem.org

leadership@ccpi-stem.org

[linkedin.com/company/community-college-presidents-initiative/](https://www.linkedin.com/company/community-college-presidents-initiative/)