CCPI ATE STEM

Achieving Excellence in Workforce Education

The COMMUNITY COLLEGE PRESIDENTS' INITIATIVE in STEM

"Community Colleges benefit by a better understanding of undergraduate STEM and its workforce possibilities as a source for a better life. CCPI-STEM increases awareness, participation, and is part of the solution to the NSF's "missing millions" needed in our society in STEM areas."

Rufus Glasper, PhD, President and CEO
The League for Innovation in the Community College

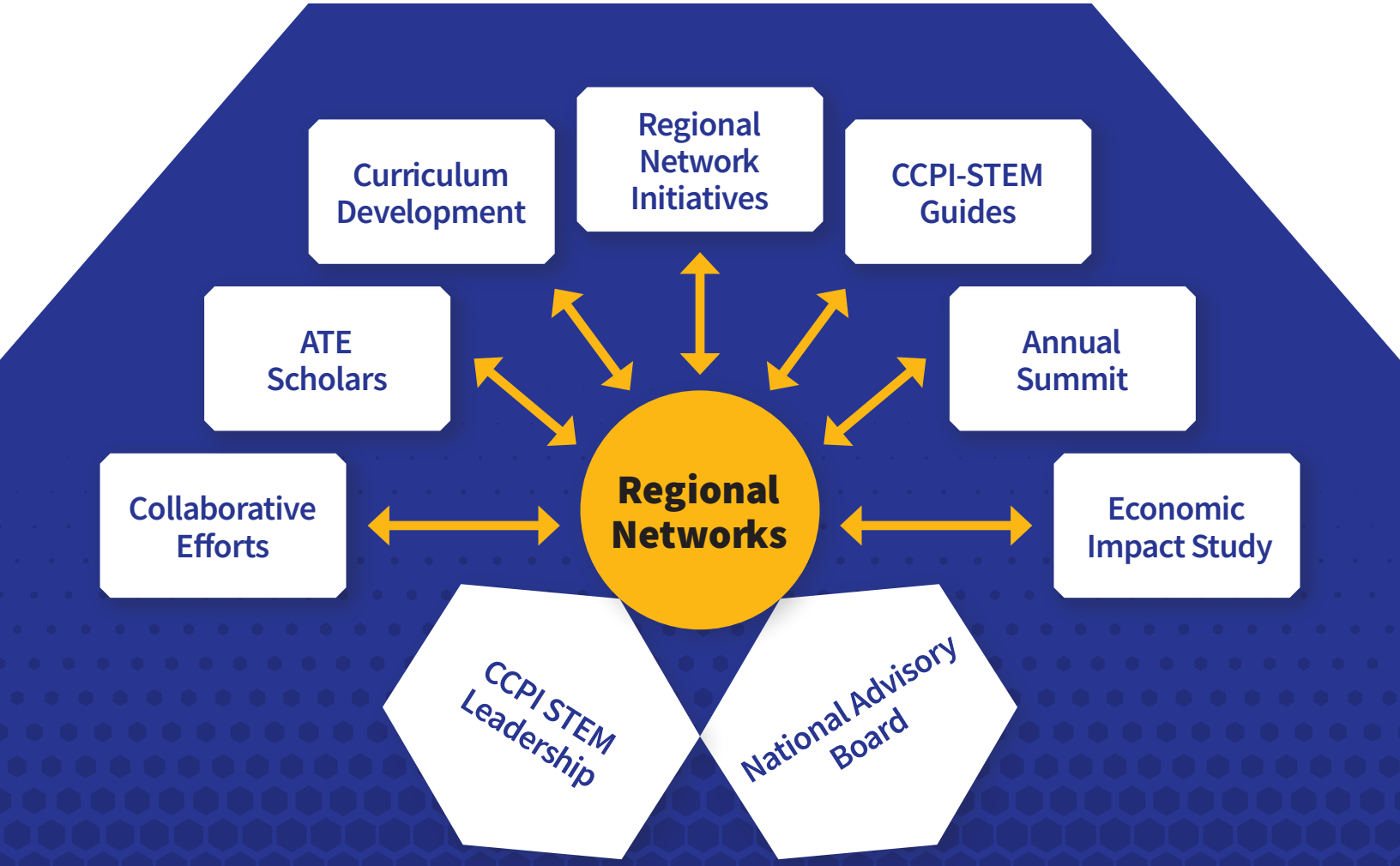
ccpi-stem.org

WHAT is it?

The Community College Presidents' Initiative in Science, Technology, Engineering and Math (CCPI-STEM) is a four-year project funded by the NSF Advanced Technological Education (ATE) Program that aims to galvanize, enlighten, and inspire community college presidents, board members, vice presidents, and chief academic officers to promulgate, encourage, and support regional STEM education and workforce development at their colleges.

CCPI-STEM seeks to complement other STEM efforts by mobilizing and involving community college presidents and other leaders in strengthening their institutional responses to workforce development. It will build on successes of existing ATE projects and centers and coordinate efforts with ATE mentoring initiatives such as Mentor-Connect, MentorLinks, Mentor Up, FORCCE-ATE, Project Vision, and Pathways to Innovation that educate faculty about ATE funding opportunities and provide ongoing support to faculty in project and proposal development.

CCPI-STEM works collaboratively with national community college organizations including the American Association of Community Colleges (AACC,), the Association of Community College Trustees (ACCT), and The League for Innovation in the Community College.



For more information visit **ccpi-stem.org**

HOW will it be accomplished?

CCPI-STEM engages over 80 college presidents in its unique approach in building a strong national STEM education and workforce development community. Through collaborations with community college professional organizations, regional and national workforce associations, and business and industry, the goal is to reach community college administrators in all 50 states and territories by project's end. Touchpoints used will be webinars, publications, conference presentations, personal interactions, and social media.

The **CCPI-STEM Regional Networks** (RNs), comprised of community college presidents and senior administrators, address the escalating need for a well-educated STEM workforce. RN Affiliates also include representatives of local and regional business and industry and members of professional associations. This holistic approach is designed to build a cohesive and mutually supportive STEM education community with each region focused on growing its STEM workforce. Eight or nine Regional Networks will be established during the life of the grant.

The **CCPI-STEM Curricular Materials** will be adopted in select community college leadership doctoral programs and leadership institutes to address STEM workforce education and funding issues. These modules focus on the role of community college leadership in ATE proposal development and in the implementation, institutional infrastructure, and evaluation of funded programs. The instructional modules attend to broad issues facing community colleges in STEM workforce education and are relevant for administrators with or without a STEM background.

The **CCPI-STEM Fellows Program** supports selected students in graduate school program for their commitment to and interest in STEM workforce education in community colleges. CCPI-STEM Fellows are expected to present at different events, publish their findings, share with the broader community, and currently teach or serve in a leadership capacity at a community college or plan to do so in the near future.

CCPI-STEM publications produced over the life of the grant include:

- ***NSF ATE Faculty Role:*** Opportunities and Benefits describes the different ways in which funding might improve the science education at an institution.
- ***CCPI-STEM Administrators' Funding Guide*** to address the role of campus leadership in building a culture of STEM support and grantsmanship in their institutions;
- ***CCPI-STEM Talking Points*** address the Need, the Who, the Why the What, the How of the NSF ATE funding
- ***STEM Education Exemplars*** of effective models involving African Americans, Native Americans, Hispanics and women;
- ***CCPI-STEM Economic Resource Guide*** to showcase successful community college-business and industry partnerships; and
- ***Inventory of STEM Community College Leadership Program***s including graduate programs, leadership institutes, and other initiatives.

EXPECTED OUTCOMES

- Documented positive impact on the leadership of more than 80 community colleges across the nation
- Documentation of needs and issues of interest and importance to community college leaders by region, analyzed and shared broadly
- Documented increase in regional institutions' capacity for ATE grant acquisition and implementation
- Better informed future and current community college leaders about NSF ATE through the CCPI-STEM Scholars program
- Reported new collaborations with business and industry that address educational and regional workforce demands
- Broad dissemination of CCPI-STEM publications and project findings
- Expanded and strengthened collaborations with the business and industry community to investigate and promote the economic impact of the ATE program
- Expanded collaborations with minority-serving institutions and/or underrepresented populations

CCPI-STEM Leadership

- PI – Dr. Clayton Railey, Provost, Prince George's Community College, MD
- CoPI – Dr. Charlene Dukes, President Emeritus, Prince George's Community College, MD
- CoPI – Dr. George Boggs, Superintendent/ President Emeritus, Palomar College, President and CEO Emeritus, American Association of Community Colleges
- CoPI – Dr. Vera Zdravkovich, Academic Vice President Emeritus, Prince George's Community College, MD
- CoPI – Dr. Elizabeth Hawthorne, PI, FORCCE-ATE project, Prince George's Community College and Professor Emerita, Union County College
- Project Specialist – Dr. Calvin Stansbury, Acting STEM Dean, Prince George's Community College, MD
- Senior Advisor – Dr. Elizabeth Teles, Retired NSF/ATE co-Lead Program Director
- CCPI-STEM Fellows Program Coordinator – Dr. Ashok Agrawal
- CCPI-STEM Coordinator – June Fordham
- Evaluator – Blake Urbach, External Evaluator, Principal Consultant, Preferred Program Evaluations
- Project Manager – Fran Melvin, Prince George's Community College, MD

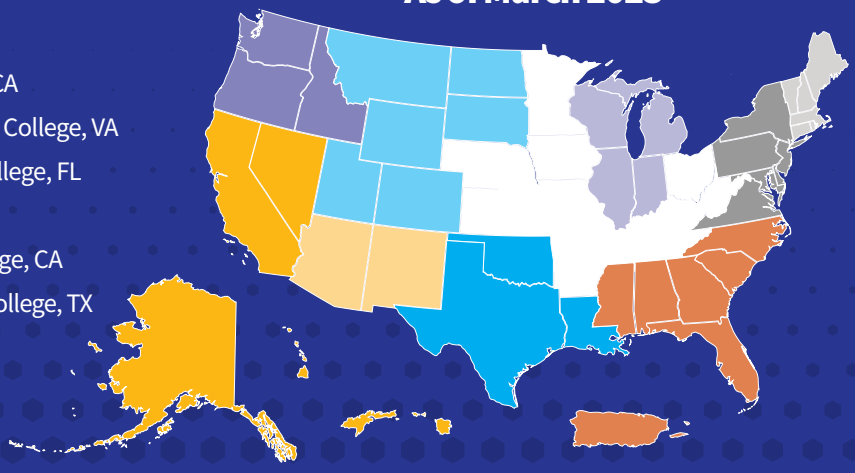
National Advisory Board (NAB) members

- Dr. David Harrison, President, Columbus State Community College, OH
- Dr. Sylvia Jenkins, President, Moraine Valley Community College, IL
- Dr. Annette Parker, President, South Central College, MN
- Association of Community College Trustees, ACCT, Jee Hang Lee, President and CEO
- League for Innovation in the Community College, Dr. Rufus Glasper, President and CEO

Initial Regional Network Chairs

- Dr. Frank Chong, President, Santa Rosa Junior College, CA
- Dr. Anne Kress, President, Northern Virginia Community College, VA
- Dr. Ed Massey, President Emeritus, Indian River State College, FL
- Dr. Daniel Phelan, President, Jackson College, MI
- Dr. Pam Luster, President Emerita, San Diego Mesa College, CA
- Dr. Jennifer Wimbish, President Emeritus, Cedar Valley College, TX

As of March 2023



PRINCE GEORGE'S COMMUNITY COLLEGE

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