ARC NETWORK
A STEM EQUITY BRAIN TRUST

Building on the efforts of the National Science Foundation's ADVANCE program, the ADVANCE Resource and Coordination (ARC) Network promotes systemic change to address gender equity in the STEM professoriate. The ARC Network recognizes the achievements made so far while producing new perspectives, methods and interventions with an intersectional, intentional and inclusive lens.

25.7%
tenured women
faculty in STEM

5.1%
women of color non-tenure
track faculty in STEM

2.3%
women of color tenure
track or tenured in STEM

Seeking STEM faculty equity, the ARC Network draws on decades of research and practice to equip the community with critical tools needed for improving the participation, advancement and inclusion of a diversity of women in STEM.

Intersectional
The ARC Network addresses systems of marginalization and privilege in the research, community building, and practices that comprise systemic change efforts.

Intentional
The ARC Network employs a continuous focus and commitment on STEM equity, cultivating individual and organizational self-awareness and action in the community.

Inclusive
Supported by a robust online platform, the ARC Network Community is a diverse, multi-disciplinary, and cross-sectional community dedicated to creating authentic, sustainable, and equitable environments.

Community

Through the ARC Network Community platform, members access and contribute to a rich library of curated resources, including reports, articles, datasets, toolkits, training videos and more, that serve as an important part of their systemic change efforts.

ARC Network Community members share reports, white papers, briefings, unpublished manuscripts, toolkits, datasets, training videos, evaluation practices and other resources.

The community engagement strategy moves beyond traditional listservs and social media to incorporate regular programming, like meet-ups, live online chats and weekly shout-out threads, as consistent ways for community members to interact.

As the go-to hub for community collaboration, the ARC Network platform offers events hosted by the community and their institutions as well as provide online learning opportunities, such as webinars and virtual workshops.

At the ARC Network Community Convening, members share research, resources and best practices for STEM equity. Convenings will expand inclusion efforts by including a diversity of institutions of higher education, industry, and government, among other employment sectors.

Research

The ARC Network commissions a comprehensive sweep of systemic change research landscape through a variety of curation activities.

Through the Virtual Visiting Scholars program, researchers conduct meta-analysis, synthesis, and big data curation on topics crucial to STEM faculty equity and offer new insights and applications to the broader community.

Cara Margherio, PhD

Centering Women Faculty of Color in a Meta-Synthesis of Research on Mentoring

Ethel Mickey, PhD

STEM Faculty Networks and Gender: Implications for Career Outcomes and Inclusion

The Emerging Research Workshops engage leading investigators in intensive, two-day workshops on innovative and emerging research on faculty equity in STEM, sparking new research agendas and shifting the dialogue from the status quo to new and creative ways to understand and successfully address equity issues in STEM.

Join: **www.EquityInSTEM.org/join**

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Visit: **www.EquityInSTEM.org**