

EMPOWERING SENIOR
HIGHER EDUCATION
LEADERS IN
DEVELOPING AN
EQUITABLE RESEARCH
ECOSYSTEM: A
WORKSHOP

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CO-CHAIR, NATIONAL
ACADEMIES ROUNDTABLE
ON MENTORSHIP,
PROFESSIONAL
DEVELOPMENT AND WELLBEING



THANK YOU!

Roundtable Workshop #2 Committee

- Anita Corbett (co-chair)
- Hiro Okahana (co-chair)
- Jeremy Waisome
- Melissa Burt
- Cynthia Fuhrmann
- Amanda Shaver
- Eve Higginbotham

NASEM – Board on Higher Education and Workforce

- Melissa E. Wynn
- Andrea Dalagan
- Justin Wang
- Maria Lund Dahlberg

Duke - Office for Faculty Advancement

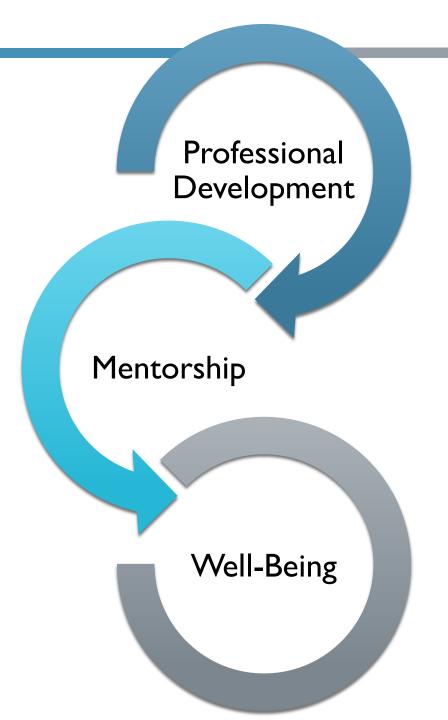
- Shana Lassiter
- Maggie Elliott

Team at the Washington Duke Inn

 Roundtable Purpose: To examine the intersection of three fundamental components of holistic training environments, and their broader impacts on approaches and experiences in the academy

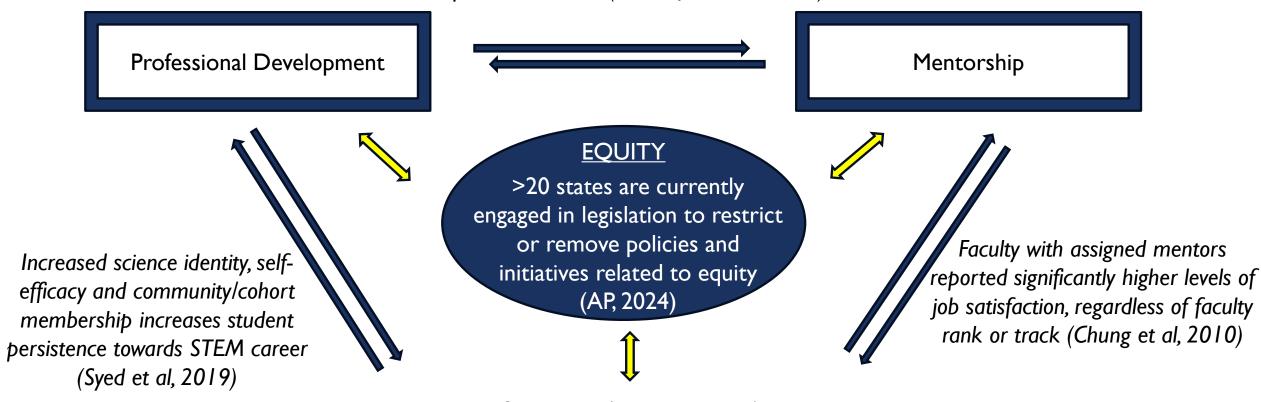
 Evolution in focus and scope as context around the academy changes

 Approaches to engage three core components may shift, but priorities remain the same





Postdoctoral researchers using Individual Development Plans report improved relationships with mentors, confidence to compete training, and increased engagement with career development resources (Vanderford et al, 2018)



A sense of belonging (across identities) leads to higher levels of engagement, job satisfaction, reduced stress (Darling-Hammond, et al, 2017; Hamou, 2018)

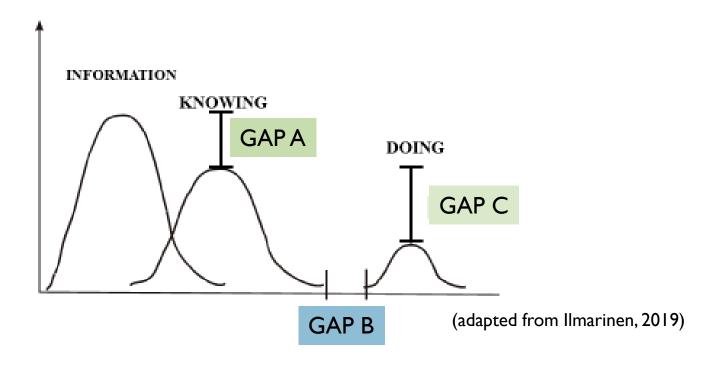
Well-Being



A REVIEW OF ROUNTABLE WORKSHOP I

- Fall 2023: Knowing-Doing Gap theoretical framework (Pfeffer and Sutton, 2000)
- Professor Jeffrey Pfeffer: identify the gap between knowledge and action, and examine barriers that prevent us from acting when we 'know' what to do

Knowing-Doing-Gaps



GAP A- subset of available information informs our individual level of 'knowing' GAP C- subset of what we 'know' ends up driving our 'doing'

GAP B- a chasm created by contextual variables that prevents the translation of knowledge into effective action



NEXT STEP: A FOCUS ON LEADERS

Applied K-D Gap framework to the academic ecosystem

- >400 virtual participants identified gaps in their local environments preventing holistic integration of mentorship, well-being and professional development
- The top identified 'gap' that surfaced repeatedly throughout the discussion: leaders at all levels



Proceedings of a Workshop—in Brief

Mentorship, Well-being, and Professional Development in STEMM—Addressing the "Knowing-Doing Gap"

Proceedings of a Workshop—in Brief

INTRODUCTION

Despite the significant contributions of graduate students and postdoctoral scholars to scientific research, the environments in which they work and learn often offer inconsistent mentorship and professional development opportunities and only intermittently address their mental, financial, and social well-being.

The Roundtable on Mentorship, Well-being, and Professional Development¹ was created to explore ongoing improvements and innovations in effective mentorship and professional development. In particular,

Doing Gap,"2 took an integrated approach to examining mentorship, well-being, and professional development and the challenge of translating existing theory ("knowing") into effective interventions ("doing"). The workshop was held both online and in person at the National Academy of Sciences Building in Washington, D.C., on November 1 and 2, 2023.

Welcome and Roundtable Goals

In the workshop's opening remarks, **Sherilynn Black** (Duke University), co-chair of the Roundtable, noted that many of the attendees had already been involved in several initiatives focused on the three areas covered by



LEADERS ARE KEY IN ADVANCING SYSTEMIC CHANGE

Leaders have the agency, power, positionality and responsibility to move systems

Portfolios include oversight of resource allocation, admissions/hiring decisions, setting priorities for academic mission, etc.

Leaders are key in determining the culture and climate that impact the <u>lived experiences</u> of the individuals in the system



BARRIERS CAN
RESTRICT
LEADERS' ABILITY
TO ENACT
CHANGE

Structural and policy limitations

Resource limitations

Low morale and frustration

Topic fatigue and backlash

Limited engagement and buy-in

External/societal context

Limited time to think with intention, learn from peers



DRAW FROM YOUR AGENCY: EVERYONE IS A LEADER IN THEIR OWN SPHERE

- Effective leaders must understand the context of their local environments (the 'why')
- Leaders are guided by an intersection of personal and institutional values
- Changing systems requires innovation and strategic thinking— academics are already rewarded for this approach!

- Personal contextual affordances (Lent et al, 1994) inform the way individuals experience circumstances and perceive information, which influences motivation and engagement

AS YOU MOVE THROUGH THE DAY...



Action Plans: You have been placed in breakout groups according to your role and area of interest to encourage generative ideas



Curated Resources: Each speaker has selected at least two key resources to support your ability to develop and enact your action plan



Hybrid Experience: Speakers and senior leaders on-site will interact with participants in the hybrid audience throughout the day



Opening
Reflection:
How do we lead towards change?



Breakout
Group I:
Identify your
key issue

Lightening Talks: How to get started--Suggested processes and strategies (Pfund, Fuhrmann, Milgram)

KEYNOTE

Leadership: The Adaptive Framework (Heifetz)



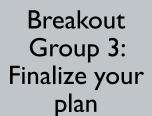
Breakout Group 2: Develop your strategy



FRAMING
Organizational
Learning for
Sustained Systemic
Culture Change

(Posselt)

Lightening Talks:
Moving strategies
into action
(Hernández, Blake,
Muglia)



Collective of Equitable, Empowered Leaders



BREAKOUT I: IDENTIFYING AND ADDRESSING CHALLENGES AND BARRIERS

Building on your pre-work reflections,

What topic will you focus on as you work through your action plan? Why did you select this topic?

What are the specific ways that addressing this topic will advance the mission of your organization?

 What are the SMART goals that you need to successfully address this topic? (SMART= Specific, Measurable, Achievable, Relevant, Time-bound)

What are the barriers that could prevent you from achieving your goals? Do you have ideas or strategies that will help to overcome those barriers?