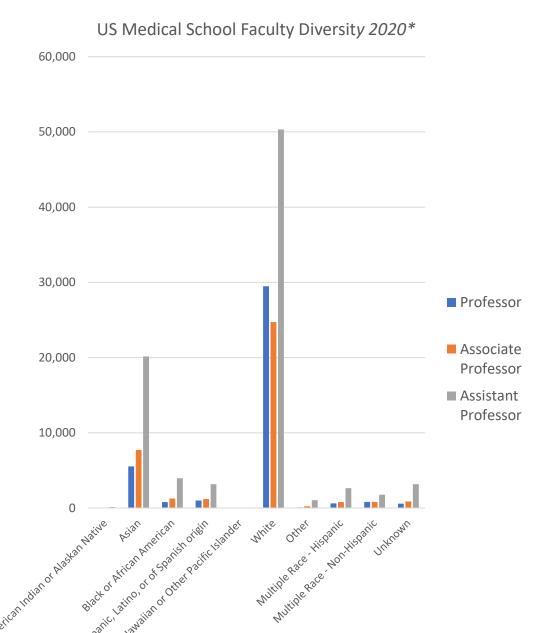
Strategies to Improve Faculty Diversity What can the Health Research Alliance Do?

Linda Sealy, Ph.D.

Senior Advisor to the Dean of Basic Sciences for Diversity, Equity and Inclusion Research Professor of Molecular Physiology and Biophysics Vanderbilt School of Medicine





The Challenge of Faculty Diversity

What is the path forward?

^{*}Data from table 3 – https://www.aamc.org/media/8906/download

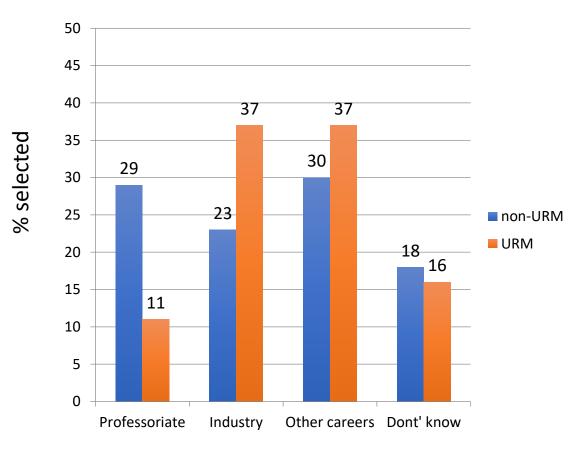
The Vanderbilt IMSD

established in 2002, 2007 as graduate program



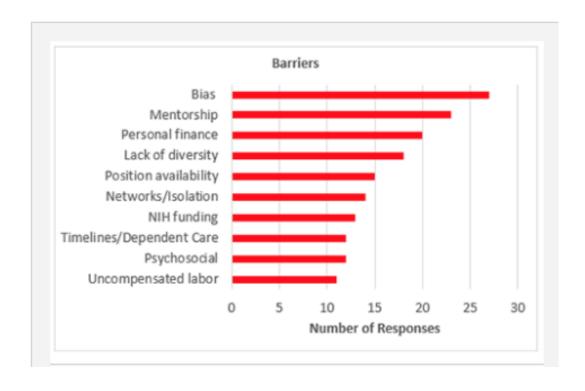
59 PhDs awarded as of March 2021

Survey of Vanderbilt Biomedical Graduate Student Career Choice



2017

RFI: NOT-GM-18-034
Strategies for Enhancing Postdoctoral Career Transitions to Promote Faculty Diversity
Alison Gammie, Michael Sesma, Kenneth Gibbs





FASEB Postdoctoral Preparation Institute 2018 2 day-workshop for career/professional development

What are the barriers encountered to progressing into faculty positions at research-intensive institutions?

- 1. Lack of effective mentoring, especially first gen trainees
- 2. Feelings of inadequacy, such as suffering from imposter syndrome, and microaggressions within the lab/institutional environment
- 3. Experiencing cultural and institutional biases from faculty and institutional leadership

What is Culturally Aware Mentor Training?

- Fundamentals of best mentoring practice
- Interwoven with self-reflective dialogue about race and ethnicity and their influence on training experiences

Culturally Aware Mentoring Workshops



Christine Pfund, PhD

Director and PI, Mentor Training Core, National Research Mentoring Network (NRMN - \$19 million NIH initiative)

Lead author, *Entering Mentoring* curriculum



Mentoring skills
Effective communication

Aligning Expectations

Developing trainee self efficacy

Mentoring Development Plan Cultural awareness

Research
mentoring from
a culturallly
aware lens

Stereotype threat and microaggressions relevance in research training

Tale of "O"

Discussion of being the only

Broaching styles



Angela Byars-Winston, PhD
Professor of Medicine,
University of Wisconsin
School of Medicine

Lead author, Culturally Aware Mentoring curriculum

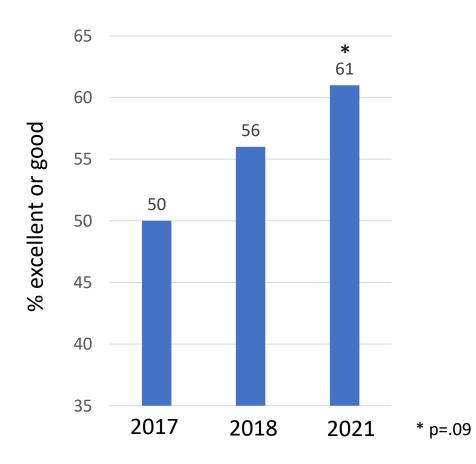


Homework: Online module (a history of racial discrimination and civil rights in the US)

Mentee (graduate student) culture and climate survey data:

Rate your mentor's ability to . . .

Encourage discussion of how racial/ethnic or gender identity influences your training





Do You Play Fair?

A Workshop about Bias in Academia

9am OR 1:30pm | June 28, 2019 Engineering Science Building 044,048 Vanderbilt University

> Christine M. Pribbenow, PhD Senior Scientist, UW-Madison

Percy L. Brown, Jr., MSEd Senior Outreach Specialist, Fair Play Project, UW-Madison

Donald D. Dantzler, M. Ed.
Assistant Research Scientist, UW-Madison

Larry Love, MSEd Graduate Project Assistant



We welcome postdocs and graduate students to explore how unconscious bias may impede student success in STEMM fields. Fair Play raises awareness about stereotypes and other racial biases in academia, which can inadvertently influence judgments about and behavior toward others. In the game, you are Jamal, a graduate student who experiences bias incidents as he navigates through his academic career and interacts with faculty, staff, and students on a college campus. Your success in the game depends on how you interact with colleagues within the game and how well you learn common bias concepts. After playing the game, workshop participants will engage in a facilitated discussion about addressing bias.

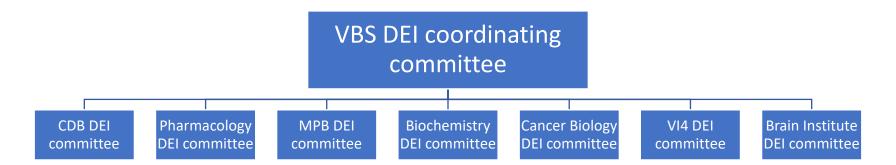
96% of attendees would recommend this workshop to a colleague

"this is a phenomenal workshop that I believe can have a huge impact"

"While before the workshop I knew what implicit biases were and I knew I and others most likely had expressed them in the past, actually viewing academia from Jamal's eyes and experiencing it for myself made me realize the profound affect it has"

https://blogs.scientificamerican.com/voices/how-video-games-can-teach-us-to-play-well-with-others/

By Natalya Ortolano, 4th year graduate student In Cell and Developmental Biology •Building an inclusive community is a shared responsibility.



Book Clubs/Discussions

Biochemistry – "Superior" by Angela Saini; "Stamped from the Beginning" by Ibram Kendi, and more.

CDB - "Miss Buchanan's Period of Adjustment."

Podcast by Malcolm Gladwell; "Wilmington 1898" bbc.com/news

MPB – "Race Really Matters" by David Asai, HHMI; "Unpacking the Invisible

Knapsack of White Privilege" by Peggy McIntosh, Wellesley College

Special seminars

Damisi Fawole, VU Student Center for Social Justice

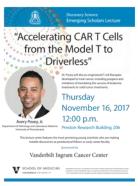
& Identity. "Impact of Power and Privilege"

Greg Siskind – Immigration and the 2020 Election- A Preview of Possible Outcomes

Kafui Dzirasa, MD, PhD. Assoc. Prof of Psychiatry and Behavioral Sciences, Duke University. "Translating Neuroscience: Obstacles and Opportunities

Discovery Science Emerging Scholars Lecture Series at Vanderbilt

































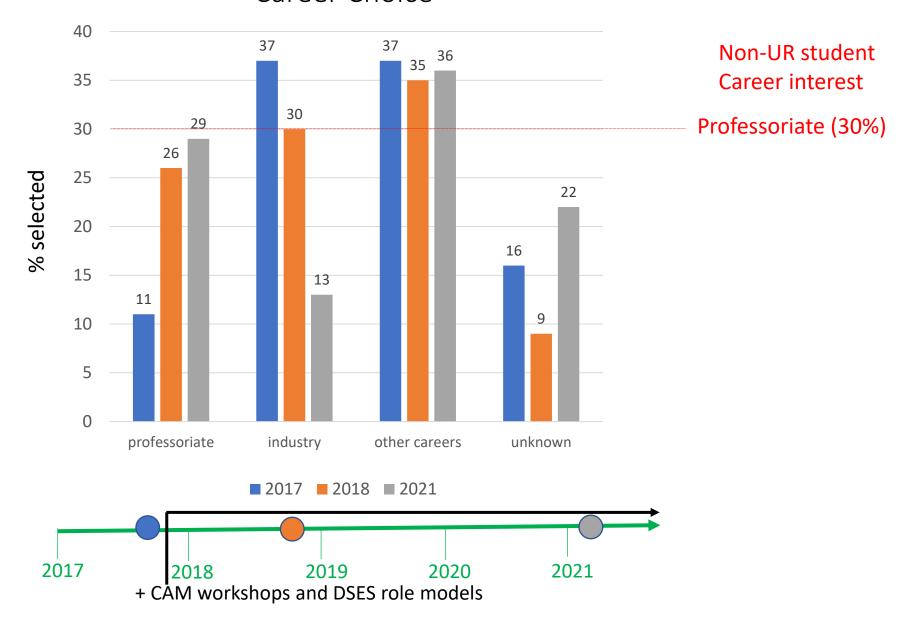








Survey of Vanderbilt Biomedical UR Graduate Student Career Choice



What can HRA members do?

Diversity = Excellence . . . if the environment is inclusive

Fellowships

Expect mentor training that is culturally competent

Evaluate mentor's commitment to diversity

How are the mentor and mentee fostering an inclusive environment?

Research grants

Evaluate PI's commitment to diversity; is the laboratory inclusive?

What is the institution doing to promote diversity, equity, inclusion?

Grants to evaluate inclusivity at the faculty/independent investigator level

Questions?

