Bias Mitigation in Peer Review Training for Program Staff

September 2023



Overview

- Review the goals of the training
- Outline the content and structure of the training
- Present data from the pilot training process

Bias Mitigation Training Working Group

- Jenna Hicks, Inclusive Grantmaking Initiative Program Lead, HRA
- Jessica Biddinger, National Senior Director, American Heart Association
- Kim Lezak, Managing Director, Biomedical Research Grantmaking, Heath Resources in Action
- Kevin Sia, Program Officer for Medical Research, Doris Duke Foundation
- Maryrose Franko, Executive Director, HRA

Bias Mitigation in Peer Review Training



Equip participants to recognize and mitigate bias during peer review

- Define bias, including types of bias and different manifestations of bias
- Describe how bias can impact the review process
- Identify strategies for mitigating bias during the review process



Program Staff at HRA member organizations



Asynchronous, self-paced training

- 78% (n=38/49) of HRA
 members who responded to
 an interest survey about bias
 training said training would
 be beneficial for program
 staff
- Future iterations of the training will target reviewers

Priorities when designing format:

- Balance between brevity and completeness (30-40 min)
- Accessibility (delivery platform can be navigated by screen readers; content includes audio voiceovers and captions)



Home

Modules

Health Research Alliance Bias Mitigation in Peer Review Training for Program Staff















Bias Mitigation in Peer Review Training for Program Staff

from the Health Research Alliance

Training Overview

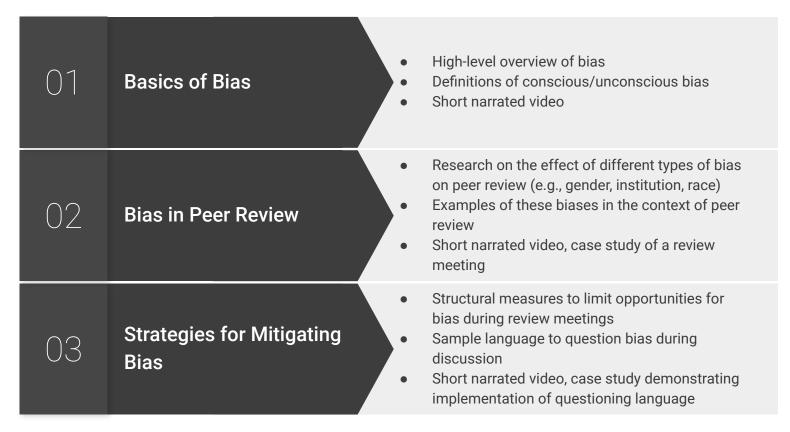
Welcome to the Health Research Alliance Bias Mitigation in Peer Review training for program staff!

Bias in peer review of grants and fellowships can affect funding decisions and lead to inequitable outcomes. This training will define bias, discuss how bias can occur and present during peer review, and outline strategies that can mitigate the impact of bias on decision making. The content of this training is situated within the context of peer review of grants, and the strategies and examples presented within the training are most directly relevant for staff at organizations who include live review committee meetings as part of their review process, though those who have other peer review processes may still find the information valuable.

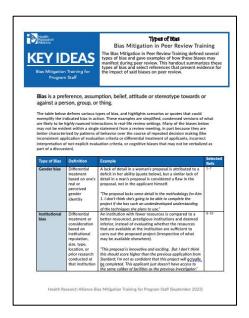
This training will take approximately 30-40 minutes to complete, and is best viewed within a desktop browser rather than on a mobile device. Portions of this training are videos containing audio voiceovers, and closed captions are available. The training is comprised of three modules which must be completed in sequential order. Click on Module 1 below to get started.

Module 1: Basics of Bias Module 2: Bias in Peer Review Module 3: Strategies for Mitigating Bias

Module contents and structure

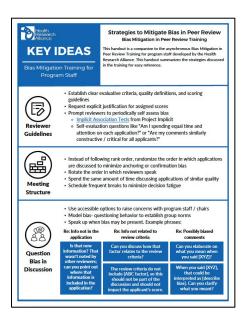


Supplemental resources



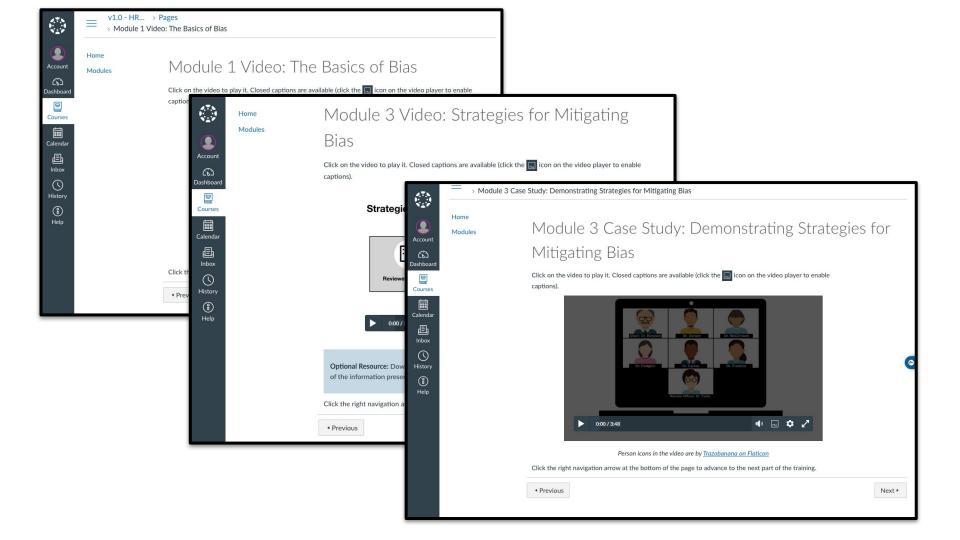
Types of Bias handout

- Definitions of various types of bias
- Examples of behavior or statements
- Selected references

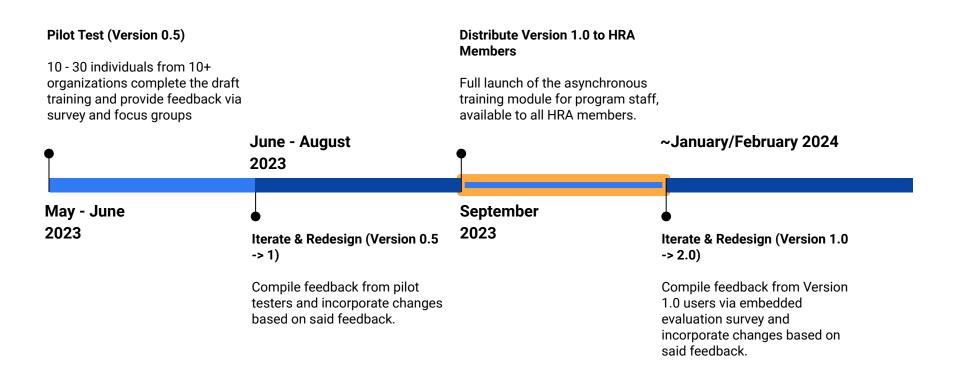


Strategies to Mitigate Bias handout

- One-page reference document
- Bias mitigation strategies outlined in the training
- Example statements to question bias in conversation



Training Development and Implementation



Pilot Training (May - June)

Pilot Objectives:

- Collect formative qualitative feedback about relevance, utility, and accessibility
- Identify elements that should be revised before the training is available to all HRA members
- Pilot survey questions that may be used to evaluate the effectiveness of subsequent versions



Participants

Signed up: 40 (22 orgs) ----



Training + Surveys

Pre-Training Survey: 29

Post-Training Survey: 25

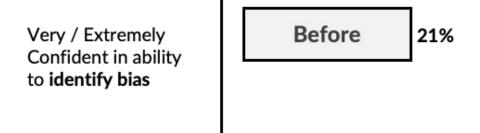


Focus Groups

Attended: 15 (11 orgs)

Pilot Training: Impact on participants

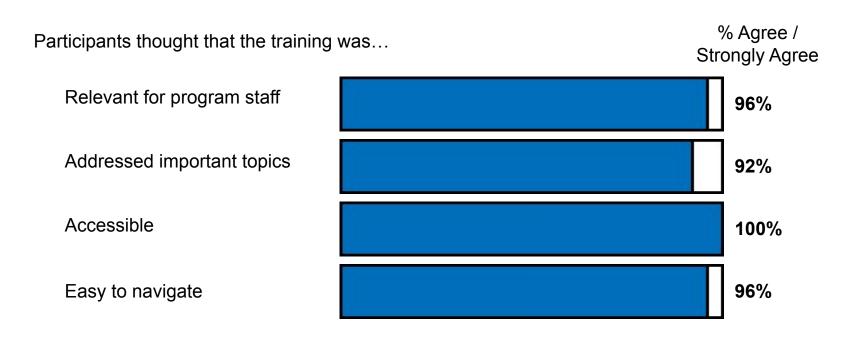
How **confident** are you in your **ability to identify bias** during the review process?



How comfortable are you taking action to mitigate bias during the review process?



Participants experience with the training

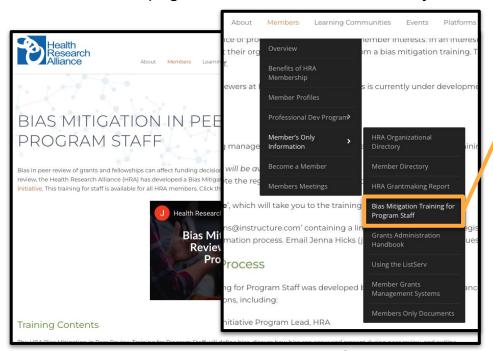


Future Bias Mitigation Training plans

- Begin development of a training for scientific reviewers (aiming for launch in ~January 2024)
- Develop facilitator guides and discussion materials to facilitate use of the training materials outside of the asynchronous online training

Training Access

HRA Homepage > Members > Members Only Information > Bias Mitigation Training for Program Staff



- Access instructions are on this page
- The training is hosted on a learning management system (Canvas)
- Go to canvas.instructure.com /enroll/H8CRWA

healthra.org/members/members-only-information/bias-mitigation-peer-review-training/

Q&A

Contact Jenna with additional questions: jenna@healthra.org