What Gets Measured Gets Done:

Exploring ATE Evaluator's and PI's Attention to Diversity, Equity, and Inclusion





Slides and Recording: www.evalu-ate.org/webinar/may-21



Introductions



Ayesha Boyce





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Behind the Scenes



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Special Thank You



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Advanced Technological Education Program

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"Reflective thinking is always more or less troublesome because it **involves overcoming the inertia that inclines one to accept suggestions at their face value**; it involves willingness to endure a condition of mental unrest and disturbance... judgment suspended during further inquiry... to maintain the state of doubt and to carry on systematic and protracted inquiry these are the essentials of thinking." John Dewey, 2011, p. 13.

Grounding us in this time...





What is happening in our practice? Where are we headed, and why?



What is going well? What is not going well?



What could be improved or modified going forward?



Who gains and who loses, and by which mechanisms of power?

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Reflective Practice

An iterative process of thinking and questioning, self and contextual awareness, focused on learning and improvement for both the evaluator and those involved in the evaluation. Smith & Skolits, 2021, pp. 16-17

This webinar is an opportunity to (further) incorporate ourselves into the mirror of our evaluative practice.

Reflective Practice Requires



Active Listening



Self &



Evaluative & **Critical Thinking**



Articulating Contextual Awareness Positionality & Values



Authentic & Effective Communication



Interest in Taking Action



Intentionality



Mindset toward Change & Growth

Your Reflections Today

- Who are you as an evaluator and how do you incorporate DEI into your 1. evaluation efforts?
- What does your practice look like? How are peoples' voices incorporated? 2.
- What is going well in your practice, around DEI? 3.
- What could be going better? 4.
- Within your context, who gains and who loses? By which mechanisms of 5. power?
- What do diversity, equity, and inclusion look like, and how could they be 6. further envisioned, in your own evaluation projects?
- What can be done to improve your evaluation practice moving forward? 7.

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How will you incorporate deliberate, intentional reflection, into your practice and the practices of the programs you evaluate? What data sources can provide evidence about and increase the richness of your practices related to diversity, equity, and inclusion issues? How can you capture both process and product?

Questions



Ayesha



Tiffany

Use chat window







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iii Defining Diversity

Variety in traditional sociodemographic markers such as class, gender, and race, as well as other ways people are different from one another.

Differences among individuals, including demographic differences such as gender, race, ethnicity, and country of origin (NAS, 2018).

iii Defining Equity

Parity in program access, participation, and accomplishment for all program participants, especially those least well-served in the context (Greene, Boyce, & Ahn, 2011).

Fair distribution of opportunities to participate and succeed in education for all students (NAS, 2018).



iii Defining Inclusion

Fostering an environment in which participants are (and feel) embraced, included, valued.

Processes through which all students are made to feel welcome and are treated as motivated learners (NAS, 2018).

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Context & Importance of This Work



URM and STEM Fields



Broadening Participation in STEM



NSF Commitments



ATE Context



- investigators (PIs) defining and measuring diversity, equity, and inclusion (DEI) in their project and evaluation practices?
- 2. To what extent do definitions align with the NAS definitions?







Quantitative Survey Data Using Descriptive Statistics



Qualitative Survey ATLAS.ti in Process of Thematic Analysis



Inductive Thematic Analysis for Interviews (Current)



- Overview research findings
- Provide practical examples





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Evaluators: To what extent does the evaluation of this ATE project gather evidence related to diversity, equity, and inclusion?

	Not at	Minimal	Moderate	Substantial	Very Substantial
	all	Extent	Extent	Extent	Extent
Diversity	4.4%	13.2%	32.4%	35.3%	14.7%













Diversity, Equity, and Inclusion

Exploring ATE Evaluator's and PI's Attention to

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evaluation of their ATE project.

Equity: Research Findings

Evaluators: To what extent does the evaluation of this ATE project gather evidence related to diversity, equity, and inclusion?









5/19/21

Exploring ATE Evaluator's and PI's Attention to Diversity, Equity, and Inclusion Equity: Example Indicators



External factors/threats

Criteria for

selection



Support in place (access)

Recruitment vs

selection rates



Diversification of services



Retention (disaggregated)



Trainings offered and taken



Disciplinary actions



8=. ∎









INCLUSION



Inclusion: Research Findings

Evaluators: To what extent does the evaluation of this ATE project gather evidence related to diversity, equity, and inclusion?







having collected data o inclusion in their evaluations of ATE projects.



















Project Engagement in DEI

Comparative descriptive statistics for the extent to which evaluators and PIs believe their projects engage in Diversity, Equity, and Inclusion (range 1–5).



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What efforts does your program make toward DEI?





What gets measured gets done



Diversity traditionally gets the spotlight and is measured. How can we place the spotlight on equity and inclusion?



How can we build capacity for focusing on and measuring equitable and inclusive practices in our programs?



Importance of informal and formal engagement with DEI

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Chat Question

How could you further integrate reflection activities to understand the incorporation of DEI in your program's efforts?





What gets measured gets done



Need for reflective practice



Measures are only as descriptive as the activity they are designed to focus on



What activities are your programs engaged in that can contribute to your "measurement" of DEI efforts/outcomes?

Questions



Ayesha



Tiffany

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EvaluATE Slack COMMUNITY

