

Self-Efficacy for Public Engagement with Science Scale

Scale Purpose: This scale was designed to measure the self-efficacy of scientists who engage with the public through outreach activities.

Please indicate how much you agree or disagree with the following statements:

I am able to create props/activities/demonstrations that participants find engaging.
I have a hard time finding PES topics that people connect with.
I find it difficult to leave time for people to share their perspectives during PES activities.
I have a hard time finding the right words to convey my message during PES activities.
I am good at thinking together with PES attendees about science topics.
I am good at knowing when to inform and when to listen during my PES activities.
I am able to figure out how to improve PES activities based on the kinds of questions the public asks.
I am able to engage in critical discussion about science topics with non-scientists.
I am able to moderate discussions with participants, even when they include a wide range of perspectives.
I am good at reading the audience during PES activities, and making adjustments as needed.
I am good at finding ways to approach difficult topics.
I have a hard time answering questions from non-scientists in ways they understand.
I am able to moderate discussions that allow participants to engage with me and with each other.

Ratings are made on a six-point scale:

Strongly disagree, Moderately disagree, Mildly disagree, Mildly agree, Moderately agree, Strongly agree.

For additional information on this instrument, please review the associated [one-page report](#) or [technical report](#).

Robertson Evia, J., Peterman, K., Cloyd, E., & Besley, J. (2017). Validating a scale that measures scientists' self-efficacy for public engagement with science. *International Journal of Science Education - Part B: Communication and Public Engagement*. Retrieved from <http://www.tandfonline.com/doi/full/10.1080/21548455.2017.1377852>.



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karen peterman
CONSULTING