

Broadening Participation of People with Disabilities in Science

Today's Speakers

Dr. Kara Ayers from University of Cincinnati Center for Excellence in Developmental Disabilities

Dr. Arielle Silverman from Disability Wisdom Consulting

Gabriela Serrato Marks, PhD Candidate at Massachusetts Institute of Technology

Webinar Survey! <https://tinyurl.com/MovingTheNeedleWebinar3>

Relevant Links

<https://www.disabilitywisdom.com/about/>

<https://massivesci.com/articles/disability-science-career-stem-field/>

<https://www.disabledwriters.com/profiles/dr-kara-ayers>

Sponsors: BLUE <https://www.biodiversityliteracy.com> BCoN <https://bcon.aibs.org>

iDigBio <https://www.idigbio.org> SCNet <http://smallcollections.net>

Our Next Episode is May 11: <https://www.idigbio.org/content/moving-needle-women-addressing-sexual-assault-and-harassment-science>

Chat from the webinar

Molly Phillips: This Webinar will begin at 3pm ET

carol andrews: are we muted on the listeners end?

carol andrews: that's great thank you

Molly Phillips: Molly Phillips iDigBio, University of Florida

Arielle Silverman: Arielle Silverman, Disability Wisdom Consulting

Gabi: Gabi Serrato Marks, PhD student at MIT

Kara Ayers: Hello all- I'm Kara Ayers- a psychologist from the University of Cincinnati Center for Excellence in Developmental Disabilities (UCEDD)

Kathleen Muldoon: Kathleen Muldoon, Associate Professor at Midwestern University. Special needs mom. Advocate for the Deaf and Hard of Hearing

Veronica M.:Hi, Veronica McCann, Kalamazoo Valley Community College, Kalamazoo, MI, Geology Instructor

Chris Atchison:Hey everyone, Chris Atchison, University of Cincinnati and the IAGD

Helen Bilinski:Hi All, Helen Bilinski, Exhibits Manager at the Delaware Museum of Natural History. Will be implementing an Accessibility Initiative

Pranoti Asher:Pranoti Asher, American Geophysical Union, Manager for Higher Education Programs and the American Geosciences Institute - Scholar in Residence

Stacey Gruber:Stacey Gruber, PhD Candidate, Biomedical Engineering, University of Cincinnati

Lena Hernandez:Hi, Lena Hernandez, Collections Manager & Registrar at Museum of Science & History

Alexis Camac:Alexis Camac, Special Events Coordinator also at the Delaware Museum of Natural History

Gabriela Hogue:Howdy, Gabriela Hogue, Collections Manager of Fishes at the North Carolina Museum of Natural Sciences

Margaret Lindeman:Margaret Lindeman, PhD student at Scripps Institution of Oceanography

Helen Bilinski:sound just cut out

Kathleen Muldoon:Lost sound

Pranoti Asher:no sound

Anna:Anna Monfils, Professor and Herbarium Director at Central Michigan University

Helen Bilinski:yes

Pranoti Asher:YEs

Veronica M.:yes

Mariana & Irene:Mariana Di Giacomo and Irene Finkelde, conservation fellows at Smithsonian NMNH

Nicole Gasparini:Nicole Gasparini, Associate professor earth science Tulane, New Orleans

Tahlia Bear:we lost the powerpoint

Alycia Mosley Austin:Alycia Mosley Austin, Assistant Dean at University of Rhode Island Graduate School

Laura Abraczinskas:Hello, Laura Abraczinskas, Collections Manager Vertebrate Collections, MSU Museum

Tahlia Bear:can you please speak louder

Anita:Hi everyone, I'm Anita Marshall, University of South Florida PhD and board member of the International Association for Geoscience Diversity.

Brett Gilley:Hi Everyone, sorry I'm late. I'm Brett Gilley Senior Instructor at the University of British Columbia in Vancouver. I'm also with the IAGD.

Veronica M.:no sound

Molly Phillips:I still hear the speaker

Veronica M.:I can't

Pranoti Asher:perhaps your computer sound is off or on mute?

Veronica M.:Nope.

Brett Gilley:You might try logging in again.

Pranoti Asher:try logging out and logging back in

Veronica M.:okay

Molly Phillips:Sorry Veronica!

Brett Gilley:Can we get these links posted into the chat?

Veronica M.:Okay, now it's working?

Veronica M.:oops, working.

Gabi Serrato Marks:Brett, our presentations will be available after the webinar!

Pranoti Asher:thanks for letting us know.

Brett Gilley:Thanks Gabi!

Pranoti Asher:yes

Brett Gilley:yes

Alexis Camac:Yes

Veronica M.:yes

Anna R.:Yes we can hear you Gabi!

Brett Gilley:Congratulations! :)

Pranoti Asher:Thank you Gabi for sharing your passion with us

Kathleen Muldoon:Thank you!

Molly Phillips: https://ufl.qualtrics.com/jfe/form/SV_6FlwgQ29qnt4tXn

Veronica M.:Thank you.

Brett Gilley:Thank you everyone.

Kathleen Muldoon:I am a professor in a medical school, where the technical standards for admission are often used to deny admission to students (including deaf or low vision students). What are tips to even begin approaching this problem?

Pranoti Asher: Thank you to all the presenters.

Stacey Gruber: What are your suggestions for reaching younger students with disabilities in stem outreaches? Many outreaches are focused on reaching other minorities and have focused on reaching women, but I haven't seen many resources for reaching students with disabilities, despite the fact that experts say the best way to increase participation is to create these "pipelines."

Nicole Gasparini: I have the same question as Stacey!

Kathleen Muldoon: Thank you

Molly Phillips: <https://www.washington.edu/doi/>

Stacey Gruber: I've actually seen that before! Seems like a great start.

Brett Gilley: I'm in a "too visual and three dimensional discipline" Earth Ocean and Atmospheric Sciences. Our disability center provided a note taker who was a graduate student for a visually impaired student in our large lecture. I've had some luck portraying 3D forms and images using a large amount of silly putty or modelling clay. The notetaker would quickly form the shape out of the clay and pass it to the student. This worked quite well in lecture. Do you have any other suggestions on portraying visual things quickly in lectures?

Anita: There's also a number of programs in the MPWR program for STEAM, www.meaf.org

Kathleen Muldoon: DO IT! I love it!

Brett Gilley: She was awesome to be fair.

Brett Gilley: It's true. Taking your own notes is better, but this was an accommodation. I don't have much control over that.

Brett Gilley: Thanks!

Stacey Gruber: Sorry for going back to this - I ran out of time to type! What would you think about reaching out to disability-specific summer camps for STEM sessions during their camps? Just a thought about which I would appreciate feedback!

Brett Gilley: Yes. Good point. We've been looking into that one. Thanks!

Stacey Gruber: Also related to 3d printing -- I'm involved in a great student volunteer organization called Enable the Future. They are looking for 3D printing projects related to disability and would be very receptive to the idea!

Stacey Gruber: Great ideas Kara. Thanks!

Stacey Gruber: <http://enableuc.org/> They are working on redoing their website, but the contact information is all there! It is also a part of a larger national organization <http://enablingthefuture.org/>.

Tahlia Bear: Thank you!

Stacey Gruber: Thank you all!

Molly Phillips: https://ufl.qualtrics.com/jfe/form/SV_6FlwgQ29qnt4tXn

Veronica M.:Thank you everyone. Great information.

Brett Gilley:THanks everyone. I have to run.

Kathleen Muldoon:Thank you so much! I am encouraged by this discussion as a paleontologist, medical professor, and mother to a son with multiple disabilities!

Laura Abraczinskas:Thank you so much!

Anna:Nlce job! Thanks

Alexis Camac:Thank you!

Helen Bilinski:great seminar; much appreciated!

Margaret Lindeman:thank you everyone!

Gabriela Hogue:Thank you so much!

Lena Hernandez:Thank you!

Molly Phillips: <https://www.idigbio.org/content/moving-needle-broadening-participation-biodiversity-sciences>