



Opening the Pathway to Technician Careers: A Conference for Biology Teachers of Students who are Deaf

October 13-15, 2019

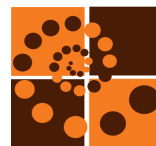
National Technical Institute for the Deaf
Rochester, NY

https://qubeshub.org/community/groups/opening_the_pathway/

Biology serves as a gateway course for students interested in technical fields such as agricultural technology, biotechnology, and environmental sciences. This collaborative professional development experience used Universal Design for Learning principles and case based pedagogy to support teachers of deaf and hard-of-hearing (deaf/hh) students to improve student outcomes in introductory biology, with the goal of engaging these students at the introductory biology level and lowering barriers to technical career education tracks. The conference engaged participants in community based active learning experiences, and resulted in projects and materials to take back to the classroom for immediate use. Results from the conference evaluation indicate participants have a high level of satisfaction with the experience, and a desire to make this event a regular occurrence.

If your organization or project would like to learn more about Universal Design for Learning (UDL), we invite you to contact us.

- DeafTEC offers on site professional development programs that provide best practices for teaching deaf/hh students.
- CAST offers an annual workshop for faculty ready to take a deeper dive into UDL.
- BioQUEST has launched a Universal Design for Learning Initiative that is focused on the sciences and is looking for collaborators to develop new workshops for chemistry and environmental science.



DeafTEC
Technological Education Center for
Deaf and Hard-of-Hearing Students

For more information contact:

Kristin Jenkins, BioQUEST Curriculum Consortium,

kristin.jenkins@bioquest.org

Donna Lange, DeafTEC, dalndp@ntid.rit.edu

Or cast.org



This conference was supported by the National Science Foundation's Advanced Technological Education Program under Award Numbers 1834905 and 1834913.