Each Community Spotlight features an outstanding group, partner, resource, or member of our community.

Our FMN Mentors

Over the 2021-2022 school year—another difficult year for educators amidst changing pandemic guidelines—BioQUEST ran 13 Faculty Mentoring Networks, bringing together more than 100 educators to connect over a broad common goal: to improve the student experience in today’s STEM classrooms.

Participants explored how they could incorporate and teach new skill sets, how they could give students hands-on research experiences, how the data and models used could be made more relevant, inclusive, applied and much, much more.

Nineteen mentors led the way in these groups, creating community at a crucial time, and providing expertise, advice, and guidance. In doing so, they have made significant contributions to STEM education, the professional growth of their peers, and to creating a vibrant, scholarly, innovative community around STEM education reform.

Below, you’ll find:

- a list of our mentors
- links and resources from the 2021-2022 FMNs
- a preview of FMNs that will run in the fall.

Thank you to our mentors for their time, effort, expertise, generosity, and commitment to professional growth and STEM education reform.

Mentors

- Joel Abraham, California State University, Fullerton
- Tamara Basham, Collin County Community College District
- Jennifer Buntz, Central New Mexico Community College
2021-2022 FMNs and Resources

QB@CC Bridging Mathematics and Biology - Fall 2021
QB@CC Bridging Mathematics and Biology - Spring 2022

Final Products on QUBES - Fall 2021
Final Products on QUBES - Spring 2022
Teaching Quantitative Reasoning and Scientific Concepts Using Large Datasets and Inquiry-Based Learning - Fall 2021

Teaching Quantitative Reasoning and Scientific Concepts Using Large Datasets and Inquiry-Based Learning - Spring 2022

Partner Resource Collection on QUBES

Integrating Bioinformatics: RNA-seq using Galaxy

Partner Resource Collection on QUBES

Molecular Case Studies: At the Interface of Biology and Chemistry

Final Products on QUBES

ESA's Life Discovery FMN, Pushing Past Barriers: Ecological Science for All

Partner resource collection
ImmunoReach
Look for final products in late July!

Other Spring 2022 FMNs:
Quantitative Skills and Scientific Identity
Science Communication & SARS-CoV-2 FMN
Applying Universal Design for Learning Principles to Existing Cases
Grappling with Graphs

Fall 2022 FMNs and Incubators

OCELOTS is now accepting applications for its incubator!

OCELOTS Incubator: Creating an online module in tropical biology

Stay tuned to our newsletter for FMN application deadlines for the following groups (and MORE TO COME)!

QB@CC - Apply now!
Project EDDIE

QUBES on Social Media

BioQUEST is a transformative, collaborative community empowering educators to drive innovation in STEM education for all students.