



Community Spotlight

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



Our FMN Mentors

Over the 2020-2021 school year—one of the most difficult years for educators—the QUBES project ran 13 Faculty Mentoring Networks, bringing together more than 150 faculty 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, data-driven, and much, much more.

Seventeen 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:

- [appreciations from participants](#)
- [a list of our mentors](#)
- [links and products from the 2020-2021 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.

Appreciations

“Our mentors truly did create a community of scholars! They guided us on how to not only have uncomfortable conversations and sensitive discussions given the nature of our topic, but also empowered us to extend this work into our classrooms and beyond into our communities.”

“[Our mentors] did an amazing job developing, organizing, and facilitating an FMN when the community needed it most [...] During our meetings, they introduced projects, helped trouble-shoot protocols, introduced resources for finding and using large data sets, and maintained a welcoming and supportive community. I am forever grateful for their time, efforts, and quiet support during one of the most difficult years for teaching.”

“Our mentor was fantastic. [She] allowed things to flow very creatively, creating space for different participants to go in very different directions with their final products. On the flip side, [she] was also amazing at finding additional resources and curricular examples to share, so that the process wasn't too overwhelming.”

“[Our mentor] let us grow as an FMN, giving us space to lead conversations, ask questions, give feedback to each other, and gently remind us of our deadlines amid a busy schedule. [She] was a patient leader and we were blessed to have her!”

“Like many good leaders, [our mentors] let us decide what support we needed and then provided it. I am so much more comfortable teaching bioinformatics and I'm more equipped to help our adjunct faculty teach it as well.”

“Our mentor's attention to detail, capability in helping us navigate the module adaptation process and overall friendly demeanor made the FMN experience useful and enjoyable. [He] made himself accessible to our group beyond our meetings and offered his creativity and experience to address our challenges. [...] This experience was invaluable in terms of providing a framework for integrating data exercises into my course and I am so grateful for the opportunity!”

“[Our mentor] brings energy and creativity to our little collaborative group each week! She definitely mentors and has helped us build connections within our group and to others. I feel heartened and inspired each time I leave our meetings, and it's mostly because of the shared spirit of the group.”

Mentors

[Laurel Anderson, Ohio Wesleyan University](#)

[Tim McCay, Colgate University](#)

[Shuchismita Dutta, Rutgers University](#)

[Suann Yang, SUNY at Geneseo](#)

[Anne Rosenwald, Georgetown University](#)

[John Starnes, Southcentral Kentucky Community and Technical College](#)

[Tamara Basham, Collin County Community College District](#)

[Pat Marsteller, Emory University](#)

[Sarah Prescott, University of New Hampshire](#)

[Rachel Hartnett, Oklahoma State University](#)

[William Morgan, College of Wooster](#)

[Barbara Murdoch, Eastern Connecticut University](#)

[Jacob Kerby, University of South Dakota](#)

[Andrew Haveles, University of Wisconsin - River Falls](#)

[Davida Smyth, Texas A&M University, San Antonio](#)

[Karen Oates, Worcester Polytechnic Institute](#)

[Wilson Leung, Washington University in St. Louis](#)

2020-2021 FMNs and Final Products



[EREN-NEON Flexible Learning Projects](#)

[Final Products on QUBES](#)

Make TRUBLE

[Make TRUBLE: Make Teaching R in Undergraduate Biology Less
Excruciating](#)

[Final Products on QUBES](#)



[Molecular Case Studies: At the Interface of Biology and Chemistry](#)

[Final Products on QUBES](#)



[Bring Bioinformatics to Your Biology Classroom](#)

[Final Products on QUBES](#)



[QB@CC Bridging Mathematics and Biology](#)

[Final Products on QUBES](#)



[Scientists Spotlights and Data Nuggets](#)

[Final Products on QUBES](#)



[Genome Solver: Faculty Training in Basic Bioinformatics](#)

[Final Products on QUBES](#)



[Teaching Quantitative Reasoning and Scientific Concepts with Data](#)

[Final Products on QUBES](#)



[Social Justice and Community Change: Building CURES with Community Social Justice Impact](#)

[Final Products on QUBES](#)



[RNA-seq with GEA](#)

[Partner Resource Collection](#)



[SENCER Educators as Civic Educators](#)

[Partner Resource Collection](#)



[COVID Vaccination: From Science to Society](#)

Fall 2022 FMNs

[Stay tuned to our newsletter](#) for more updates about FMN offerings in the fall!



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

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