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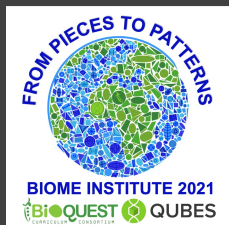
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Featured Opportunity:

[2021 BIOME Institute](#)

Opportunities for Future Faculty



The BIOME Institute is a fantastic way for graduate students and postdocs to join a supportive community of peers and mentors. Many of our members joined as future faculty and credit much of their career success to the support they've received from our community.

At the 2021 BIOME Institute, we will be offering future faculty:

- a mentor program that matches you with faculty from institution types of interest to you.
- networking sessions with your peers.
- career panels and other tailored programming.
- the opportunity to serve as a volunteer and attend at no cost.

Future faculty are encouraged to partner with a faculty member, although it's not necessary. If you have any questions, please contact Hayley Orndorf (hco1@pitt.edu).

- [CUR Calls for Proposals on Helping Undergrads Confront Failure](#)
- [Directorate of Education and Human Resources Offers CAREER Program Workshop, April 13](#)
- [Finding Your Inner Modeler \(FYIM\) Meetings Announced, Aug 2-6](#)
- [AAAS-IUSE Publishes Blog on Accessibility in Field-Focused Science Disciplines](#)

QUBES News

BIOME Institute Announces Keynote Speakers

We are so pleased to announce the keynote speaker line-up for the 2021 BIOME Institute, offered by BioQUEST in collaboration with QUBES. [Find out more about our speakers here.](#)



Brian Donovan, PhD

Research Scientist, BSCS Science Learning
Tuesday, July 20



Erica Kimmerling, PhD

Senior Adviser for Science Engagement Policy and Partnerships, ASTC
Monday, July 26



Ye Tao, PhD

PI, Rowland Institute at Harvard
Tuesday, August 3

[Learn more about our keynote speakers.](#)

[Learn more about the 2021 BIOME Institute.](#)

BIOME Institute Early Bird Deadline April 12

The early bird deadline for this year's BIOME Institute is Monday, April 12! With support from QUBES, the early bird rate is \$150 for 14 weeks of online community and professional development.

[Find out more about the BIOME Institute application here.](#)

QUBES Launches Community Spotlight

We've replaced our Resource of the Week newsletter with a monthly spotlight on a person, resource or set of resources, group, or project--we're very excited to feature the amazing work and people associated with QUBES.

[If you missed it, please check out our first Community Spotlight with Anne Rosenwald.](#)

If you haven't already, you can [subscribe to the QUBES Community Spotlight here](#). We hope that this will be a way for people to learn more about our community and to connect and collaborate.

Group Managers: New Template Pages Available for Partner Projects

We've created new, easy-to-use templates for partner project pages! [You can access them here](#), along with helpful tips for organizing your group's content.

Kudos

Vedham Karpakakunjaram Honored with NISOD Award



Congratulations to [Vedham Karpakakunjaram](#), co-PI for [QB@CC](#), on being recognized by Montgomery College as a 2021 NISOD Excellence Award recipient!

NISOD is a membership organization committed to promoting and celebrating excellence in teaching, learning, and leadership at community and technical colleges. The NISOD Excellence Awards have a 30+ year history of recognizing and honoring extraordinary faculty, administrators, and staff whose service to their students, colleagues, and community deserves special recognition. [You can find a current list of 2021 NISOD Excellence Award recipients here.](#)

DOE's Visiting Faculty Program Invites Sheela Vemu to the Fermi National Accelerator Laboratory

Congratulations to [Sheela Vemu](#), Assistant Professor of Biology at Waubensee Community College, who has been selected to participate in the highly competitive Department of Energy's (DOE) Visiting Faculty Program at the Fermi National Accelerator Laboratory (FNAL) for the Summer 2021 Term. Her research proposal is to work on Active Learning Educational Modules for Introductory Computational Biology at the Community College Level. The modules will provide students with the means to explore problems in the biological sciences in increasing complexity, with an emphasis on solution techniques.



Sheela says much of the inspiration and the courage to apply for the DOE program came from her professional development work done at BioQUEST/QUBES since 2011, including the 2018 BIOMAAP (Biology Students Math Attitudes and Anxiety Program) FMN, the 2018 Summer workshop (Wicked Problems: Investigating real world problems in the biology classroom) and the Fall 2020 BIOME Institute on developing scientific curiosity.

Partner News and Opportunities

AAC&U, with ISKME and OpenStax, Launches Open Education Institute

AAC&U, with expertise and leadership from OpenStax and ISKME, is launching the Institute on Open Educational Resources (OER). Utilizing a new institute model, the OER Institute provides a yearlong, online engagement opportunity for teams from campuses or state systems seeking to actualize an ambitious strategy to broaden campus engagement with the adoption of OER.

At the two-day kick-off event, July 26-27, 2021, attendees will engage in activities designed to develop an OER implementation plan. After the kick-off, attendees will partner with Institute faculty to implement and advance their plans throughout the fall and spring terms. In addition to monthly webinars and cross-institutional planning meetings, a daylong event will be held on December 6, 2021, to prepare for the spring semester. The Institute will conclude with a two-day capstone closing event on July 25-26, 2022.

[Apply to the Open Education Institute here.](#) Applications due April 30.

Deadline for HITS Case Fellows is Extended to April 16



Faculty and postdoctoral fellows devoted to the use of case studies and problem-based learning pedagogies can apply to become HITS Case Fellows!

The HITS network will train Case Fellows in the use of case studies based on HT data by using a yearly workshop. Case Fellows receive a yearly stipend and support to attend two workshops. Our HITS 2021 workshop will be held, tentatively, during the month of June 2021.

For more information, download our [Case Fellows flyer](#) or [visit the HITS QUBEShub page](#).

The deadline is now April 16, 2021.

NC State BIT Program Seeks Postdoc

The North Carolina State Biotechnology Program (BIT) is hiring a teaching postdoctoral scholar with an interest in developing molecular biotechnology course-based research experiences. [The announcement is posted in the Chronicle of Higher Education](#).

[For further information or to apply, visit the NCSU employment site and search for position number 00102527.](#)

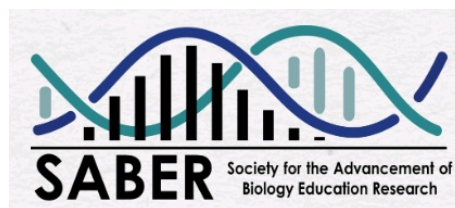
ImmunoReach Seeks Feedback on Guidelines for Undergrad Immunology Education

If you teach or have taught immunology topics in your classroom, then ImmunoReach needs your feedback on these recommended guidelines for undergraduate immunology education. The development and validation of this hierarchical framework has been an iterative process, within our task force, and through community feedback.

[To provide feedback, please visit this invitation](#), and click on the surveys that you would like to take.

Partner Events

SABER Continues Spring 2021 Seminar Series on Inclusion in Academic Biology



SABER is sponsoring a virtual seminar series "Striving for inclusion in academic biology," every other Thursday in Spring 2021 at 9:00 AM PT. All sessions are virtual, free, and no registration is required. [Learn more about the Spring Series here.](#)

The upcoming seminars are:

Thursday, April 15th, 9 am PT

"Land of milk and 'honey': Confronting gendered experiences in field research"

Katie Hinde, PhD, Arizona State University

Thursday, April 29th, 9 am PT

"Nature-culture relations and engaging multiple ways of knowing"

Megan Bang, PhD, Northwestern University

FLAMENet 2021 Workshop, May 12-14



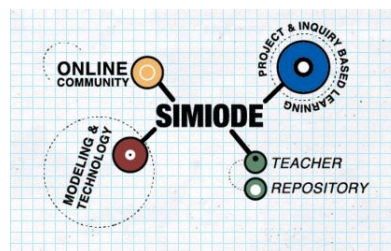
The FLAMENet 2021 Workshop will be held virtually from May 12-14. The theme: Transforming Cultures & Affirming Resilience in STEM.

Be part of rich and productive discussions

with a community of educators and researchers. [Learn more here about the workshop.](#)

Apply for NSF SIMIODE Summer Workshops by May 1

SIMIODE and NSF will again offer workshops on creating and using modeling-based materials in undergraduate differential equations courses.



For the Summer of 2021, all workshops will be offered in a VIRTUAL format via ZOOM.

SIMIODE Developer's Workshop, Differential Equations Model and Resource Creators (DEMARC): This workshop aims to help those experienced in teaching modeling-based differential equations create shareable classroom resources which will be published in SIMIODE. DEMARC Fellows will receive a \$400 stipend and are provided all materials.

SIMIODE Practitioners Workshop, Model INstructors in Differential Equations (MINDE): This workshop is a "practitioner's workshop", ideal for those who would like to learn more about how to foster a modeling-first approach in their differential equations class. The workshop experience includes "hands-on" demonstrations, group discussions, and activities facilitated by experienced faculty. This MINDE Workshop enables participants to engage with colleagues in discovering, experiencing, and planning to use innovative modeling opportunities in support of their teaching methods. MINDE Fellows selected for this workshop will receive a stipend of \$200 and are provided all materials.

[Find out more about the schedule for each workshop and application process here.](#)

BCEENET to Hold Virtual Summer Meeting, June 14-15



Biological Collections in Ecology and Evolution Network (BCEENET) brings together natural history collections professionals, undergraduate educators, data experts, and researchers to support the development and implementation of Course-based Undergraduate Research Experiences (CUREs) using digitized natural history collections (dNHC) data.

This meeting will include presentations by faculty who are implementing BCEENET CUREs and collaborating natural history collections professionals. Meeting topics will focus on the use of natural history collections in research and teaching, CURE opportunities for new and current participants, and the effectiveness of BCEENET CUREs in reaching diverse student populations. It will also include discussions of best practices for implementation and training workshops targeted at new and advanced implementers.

All are welcome, and registration is FREE! Sessions will take place live on Zoom, and recordings will be available throughout summer 2021. [Find more information and register.](#)

Genomics Education Partnership Summer Trainings Announced



**Genomics
Education
Partnership**

Interested in
implementing a
genomics
research
experience and

active learning in your undergraduate classes!? The Genomics Education Partnership is a nationwide collaboration of 200+ faculty at 175+ institutions that integrates active learning into the undergraduate curriculum through Course-based Undergraduate Research Experiences (CUREs) centered in bioinformatics and genomics. The GEP's curriculum materials and research projects are computer-based so they work well in an online setting.

GEP has three options for online training this summer. They especially welcome faculty from Community Colleges, MSIs, & PUIs teaching courses in genetics, genomics, bioinformatics, molecular biology, evolution, or introductory biology.

[Find the GEP application here.](#)

[See the GEP Summer Training Flyer.](#)

EFI Offers Workshop on Inclusive Pedagogy, June 7

The Ecological Forecasting Initiative will be hosting two meetings this summer focused on education in ecological forecasting. The first is a [1-day workshop](#) on inclusive pedagogy that will take place on June 7, 2021. The second is a [2-day meeting](#) focused on advancing ecological forecasting education on June 28-29, 2021.

At [EFI's Inclusive Pedagogy workshop](#), they will summarize known best practices for developing ecological forecasting educational resources and develop a list of priorities to focus EFI's education efforts moving forward. The session topics for this workshop are as follows:

Session 1: Overview of Inclusive Pedagogy

Session 2: What Works Well or What to be

Aware Of: Diversity & Inclusion in STEM

Undergraduate Education Panel & Discussion

Session 3: Brainstorming Best Practices

Session 4: Major Challenges Small Groups

The deadline is May 1, 2021.

EFI to Host Meeting On Advancing Ecological Forecasting Education, June 28-29

At the [Ecological Forecasting Education meeting](#), we will develop a list of ways to improve the diversity of educational resources related to ecological forecasting and strategize how to develop additional educational resources. The session topics for this meeting are as follows:

Day 1 Session 1: Synthesizing EFI's contributions to ecological forecasting education

Day 1 Session 2: Brainstorming ways to move forward & how to fill resource gaps

Day 2 Session 1: Jump-starting the resource development process

Day 2 Session 2: Presentations, priorities, and next steps

The deadline is May 1, 2021.

EREN, NEON, Project EDDIE Offer Summer Workshop

Applications are now open for a new NSF-funded virtual workshop "Integrating large ecological datasets into undergraduate research and teaching with EREN, NEON and Project EDDIE."

This virtual workshop will occur July 20-21, 2021. [Find more information and the application here.](#)

The application deadline is April 30, 2021.

Resources and Opportunities

Directorate of Education and Human Resources Offers CAREER Program Workshop, April 13

EHR will host a virtual, one-day CAREER workshop for prospective applicants, organized by the IDA Science and Technology Policy Institute (STPI). The workshop will provide an opportunity for prospective EHR CAREER applicants to gain a better understanding of the program, including eligibility requirements, the application process, and outcomes of past CAREER awards, and for participants to interact with other applicants, former awardees, and NSF program officers.

[Find more information about the CAREER program workshop.](#)

CUR Calls for Proposals on Helping Undergrads Confront Failure

The Council for Undergraduate Research (CUR) has extended a call for proposals to contribute to a publication titled “Confronting Failure: Approaches to Building Confidence and Resilience in Undergraduate Researchers.”

[Please find details for the call here](#); 300-word proposals are due May 1st.

This publication will represent a spectrum of perspectives from well-developed and structured research projects to insightful case studies describing personal experiences or observations.

In addition, members of [the FLAMENet steering committee](#) (Lisa, Lou, and Jen) will be co-editing this publication and would be happy to provide guidance on submissions.

Members of the QUBES team are always looking to meet others who have a passion for quantitative biology education. Reach out so we can help you gather your collaborators, move projects forward, and continue to move quantitative biology forward. [Connect with us by submitting a support ticket.](#)

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BioQUEST/QUBES Newsletter: Issue 37