

About the Conference

This conference is designed for POGIL practitioners to gather together and share ideas, challenges, and struggles regarding the use of POGIL in their classrooms. The format will include various types of participant-centered sessions where practitioners will be able to share their ideas for new POGIL activities, explore challenges related to using the POGIL format, and work with others to design new POGIL activities or methods of implementation.

Participants will come away with new ideas for POGIL activities as well as new strategies for implementing POGIL.

Another purpose of the conference is to serve our growing population of practitioners, including teachers from a wide range of disciplines at all levels, and who serve minorities and underrepresented groups. All participants will be seeking ways to use POGIL to improve or enhance student learning in their fields.

BUILDING BRIDGES

Foster connections among participants across institutions and disciplines to create a supportive, inclusive community of transformational educators.

BREAKING BARRIERS

Address obstacles to collaborative learning and identify strategies to improve the classroom experience for all students.

**NCAPP
2019**

BUILDING
BRIDGES
BREAKING
BARRIERS



JUNE 24-26, 2019
Washington University
in St. Louis
St. Louis, MO

Registration: \$500, includes lunches and dinners

On-campus housing: \$225, includes breakfasts

Located at the convergence of the city of St. Louis, Clayton and University City, Washington University in St. Louis has grown to be a world-class research university. The campus is just a stone's throw away from Forest Park, home to five major institutions, including the St. Louis Art Museum, the St. Louis Zoo, the St. Louis Science Center, the Missouri History Museum, and the Muny amphitheatre.

**Take a virtual tour of
Washington University in St. Louis at:**
<https://admissions.wustl.edu/visit#tour-and-options>

**For directions to Washington University
in St. Louis, please visit:**
<https://admissions.wustl.edu/visit#maps-and-directions>

For more information on things to do, visit:
<https://explorestlouis.com/25-things-to-do-in-st-louis/MAP>



Established in 2003, The POGIL Project works with educators to disseminate its unique student-centered pedagogy at the secondary and college levels through professional development workshops around the world, as well as the production of POGIL curricular materials for the classroom. The POGIL Project is a 501(c)(3) nonprofit organization.

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Welcome

We are excited to announce The POGIL Project's second National Conference for Advanced POGIL Practitioners (NCAPP): **Building Bridges, Breaking Barriers**, to be held June 24-26, 2019.

At the inaugural NCAPP in 2017, more than 90 experienced practitioners gathered from across the country (and across the world!) to share their ideas and their experiences of implementing POGIL in a wide range of classroom settings and disciplines. This highly interactive conference, designed by and for advanced POGIL practitioners, saw instructors finding solutions to vexing problems and discovering new ideas and techniques to try in their classes. We all left inspired by the ingenuity and passion of our colleagues.

NCAPP 2019 will build on this foundation to create an environment where advanced practitioners can connect with peers to gain insight into effective teaching and facilitation, share and find new activities and approaches for the classroom and the laboratory, and establish collaborations over shared interests.

NCAPP welcomes instructors at all levels from any content area. While POGIL began in the STEM fields, the pedagogy and strategies for developing and implementing POGIL are applicable across many disciplines and classrooms.

We hope that you will join us at NCAPP 2019 to share your insights, expertise, and experience. Together, we will sustain a community of transformative educators committed to improving learning for every student, everywhere.



Rick Moog
Director, The POGIL Project



An-Phong Le
Chair, NCAPP

Plenary Speakers

MICHAEL J. BRUNO, PH.D., grew up in Connecticut, and received an A.B. in Chemistry from Dartmouth College and a Ph.D. in Biochemistry from Cornell University. At Cornell, he studied changes in membrane elasticity caused by polyunsaturated fatty acids. As a post-doc at the University of North Carolina–Chapel Hill, he studied the role of membrane curvature on synaptic vesicle fusion. At UNC, he was a fellow in the SPIRE fellowship program, which combines research support and community service with an emphasis on minority careers in academic science. It was as a SPIRE fellow that he became interested in active learning. He was first introduced to POGIL as an Assistant Professor of Chemistry at Guilford College. He is currently an Instructor of Chemistry at the North Carolina School for Science and Mathematics, a public residential high school for talented students, where he uses POGIL to teach chemistry and biochemistry, and has introduced the practice to many of his colleagues who now incorporate the pedagogy into their own classrooms.



SYLVIA HURTADO, PH.D., is a Professor of Education and was Director of the Higher Education Research Institute at the University of California, Los Angeles for over a decade. She has written extensively on student development and college experiences, campus climate, and diversity in higher education. She is co-editor of two recent books that won awards for academic-themed nonfiction from the International Latino Book Awards: *Hispanic-Serving Institutions: Advancing Research and Transformative Practice* (2015, Routledge Press) and *The Magic Key: The Educational Journey of Mexican Americans from K-12 to College and Beyond*



(2015, University of Texas Press). She received the 2018 Social Justice in Education Award from the American Educational Research Association, was named an AERA Fellow in 2011, and served as President of the Association for the Study of Higher Education (ASHE) in 2005. *Black Issues in Higher Education* (Diverse magazine), named her among the Top 15 influential faculty who personify scholarship, service and integrity and whose work has had substantial impact on the academy. She has led national projects on diverse learning environments and student retention, STEM education and diversification of the scientific workforce, and innovation in undergraduate education.

SUSAN E. SHADLE, PH.D., is founding Director of the Center for Teaching and Learning and Distinguished Professor of Chemistry and Biochemistry at Boise State University. She arrived at Boise State in 1996 with a bachelor's degree from Colgate University, a Ph.D. in inorganic chemistry from Stanford University, and a National Institutes of Health postdoctoral fellowship at Johns Hopkins University. Shadle teaches large-enrollment general chemistry courses and was recognized as the Carnegie Foundation Professor of the Year from Idaho in Fall 2015. In addition, she supports faculty development across campus focused on inclusive excellence, effective course design, assessment of student learning, and the development of rich pedagogical toolboxes. She contributes professionally to both The POGIL Project, the POD Network (Professional and Organizational Development Network in Higher Education), and the Accelerating Systemic Change Network (ASCN). Her scholarly interests are focused on factors that impact faculty and institutional change.



Sessions

- ▶ **AUTHOR COACHING: GETTING STARTED**
Guided session to write your first POGIL mini-activity using the Learning Cycle. *Limited slots available.*
- ▶ **AUTHOR COACHING: MAKING IMPROVEMENTS**
Facilitated small group review and evaluation of your existing activities using the POGIL activity rubric. *Limited slots available.*
- ▶ **BIRDS OF A FEATHER GATHERINGS**
Small, informal, conversations on topics of common interest.
- ▶ **FISHBOWLS**
Brief classroom simulations designed to improve facilitation skills. Presenters will facilitate an activity of their choice, while participants will serve as observers or students, followed by reflection and discussion.
- ▶ **PANEL DISCUSSION**
Moderated discussion with one or two presenters to explore a topic or examine preliminary data.
- ▶ **POSTER SESSION**
Visual presentation of a topic, offering an opportunity to gather detailed feedback.
- ▶ **PROFESSIONAL DEVELOPMENT WORKSHOPS**
Gain new insights into teaching and learning with the assistance of trained facilitators.
- ▶ **ROUNDTABLES**
Presenter-led, in-depth, interactive discussions to learn from and with other participants.

“I came away with so many new ideas and things to incorporate into my teaching. Thank you so much!”

— CARYL FISH, ST. VINCENT COLLEGE

Who Should Apply?

NCAPP encourages applications from POGIL practitioners who have previously completed three-day POGIL workshops or who have substantial experience implementing POGIL in their classrooms. All conference participants will be expected to contribute to the planned program.

Application Process

The application/registration process will open in Fall 2018 with opportunities to indicate your proposed area(s) of participation. The program committee will review all applications and will notify applicants of their acceptance as soon as possible after the deadline, and up until the attendance maximum is reached. *Limited scholarships are available for NCAPP attendance. Please see the application for more information.*



MORE INFORMATION ON
THE POGIL PROJECT WEBSITE AT WWW.POGIL.ORG.