Preface

The 2022 Physics Education Research Conference (PERC) continued the community’s critical work that “breaks down social constructions and hierarchies to unpack normalized assumptions” with this year’s theme: PERQ 2022: Queering Physics Education. This theme was designed to encourage dialog and explorations of how various social constructions affect the lived experiences of those who engage with our discipline in a variety of ways.

This year, the PERC returned to an in-person format with virtual options for participants. In this late-pandemic stage, it is impossible to overstate the efforts of the organizing team, which included Madison Fitzgerald-Russell, Brianne Gutmann, Kelby T. Hahn, Alia Hamdan, Sara Mueller, Yasmeen Musthafa, Ben Pollard, Xandria Quichocho, and Mike Vignal, who worked to create a meaningful conference experience and a deliberate, inclusive environment for all participants. The committee was supported in their efforts by leadership from both the American Association of Physics Teachers (AAPT) and the PER Leadership and Organization Council (PERLOC).

Plenary speakers included Kari Dockendorff, Shanna Katz Kattari, Luis A. Leyva, Taylor McNeill, Nicolette D. Mitchell, and Gary D. White. The conference also hosted a variety of workshops, symposia, collaboration spaces, dine-n-discuss events, and a fundraiser for the LGBTQ+ community, in addition to the PERC poster sessions.

The 2022 PERC Proceedings process would not be possible without the ongoing support of Lyle Barbato, who works closely with the editors each year. The continued sponsorship of AAPT and open-access publishing through ComPADRE have allowed the PERC Proceedings to improve each year, including maintaining the double-confidential review process and continue the development of a robust and dedicated online platform for proceedings management.

However, it is the reviewers who volunteer their time and expertise each year who are critical to the PERC Proceedings success. The editors sincerely thank all of those who participated in the review process and strengthen our research community: Fatima Abdurrahman, Mark Akubo, Anne Alesandrin, Camila Amaral, Austin Anderson, Katherine Crimmins, Tim Atherton, Leslie A. Elliot, Ramon Barthelemy, Lauren Bauman, Ridge Bennett, Simon Bland, Victoria Borish, Jesus Botello, Theodore Bott, Andrew Boudreaux, Eric Brewe, Bill Bridges, Mary Brundage, Eric Burkholder, Danny Caballero, Jennifer Campbell, Bianca Cervantes, Sanjay Chandrasekharan, Aamir Sahil Chandroth, Jessica Changstrom, Jacquelyn Chini, Elaine Christman, Eleanor Close, Camille Coffie, Joel Corbo, Giaco Corsiglia, Colleen Countryman, Karen Cummings, Sonja Cwik, Robert Dalka, Ian Descamps, Matthew Dew, Lin Ding, Daniel Doucette, Helge Drange, Philip Eaton, Shams El-Adawy, Andrew Elby, Paul Emigh, Tatiana Erukhimova, Elias Euler, Forouzan Faridian, Thomas Fitts, Mark Flores, Shanize Forte, Michael Fox, Claudia Fracchiolla, Maxwell Franklin, Andy Fung, Rebeckah Fussell, Terrie Galanti, Tyler Garcia, Jon Geiger, Isabella Gennuso, Vegard Gjerde, Anthony Gobernatz, Lisa Goodhew, Ezra Gouvea, Brian Gravel, Kara Gray, Tone Gregers, Molly Griston, Matthew Guthrie, Brianne Gutmann,
By continuing to honor the PERC Proceedings tradition of welcoming new members in the field to publish their research alongside known scholars, it is our hope that the Proceedings can contribute in some small way to the goal of inclusivity and the value in hearing the voices of all stakeholders that are so clearly laid out in this year’s theme.

Dyan L. Jones