Stanford



Monica Sircar

Science Education Researcher, Research Staff - Other

Bio

HONORS AND AWARDS

- STS Director's Award for Advancing Social Justice in Science, Technology and Medicine, Stanford Program in Science, Technology & Society (2024)
- ESERA Summer School, European Science Education Research Association (ESERA) (2023)
- Sandra K. Abell Institute for Doctoral Students (SKAIDS) Fellow, National Association for Research in Science Teaching (NARST) (2023)
- The Shriram Family Fellowship, Stanford Graduate School of Education (2020)
- Graduate Research Fellowship Program (GRFP), National Science Foundation (NSF) (2020)
- Senior Fellow, Knowles Teacher Initiative (2016-present)
- Teaching Fellow, Knowles Teacher Initiative (2011-2016)

EDUCATION AND CERTIFICATIONS

- Ph.D., Stanford University , Curriculum & Teacher Education: Science, Engineering, and Technology Education (2026)
- M.A., University of California - Berkeley , Science Education (2012)
- B.A., Stanford University , Human Biology (2005)

Publications

PUBLICATIONS

- **Tribally led planetary health education in southeast Alaska.** *The Lancet. Planetary health*
  Roland, H. B., Kohlhoff, J., Lanphier, K., Yazzie, A., Kennedy, E. G., Hoysala, S., Whitehead, C., Sircar, M. L., Gribble, M. O.
  2024; 8 (11): e951-e957
- **'The piece that we were looking for': teachers' collaborative curriculum design for equity-centred biology units** *INTERNATIONAL JOURNAL OF SCIENCE EDUCATION*
  Sircar, M., Langton, T., Kagochi, T.
  2024
- **Conceptualizing an Initial Framework to Support Discipline-Rich Project-Based Learning in STEM** *Education Sciences*
  Sircar, M., Orr, S., Madis, C., DiMaria, S.
  2024
- **A review of John Rudolph's Why We Teach Science (And Why We Should) (Book Review)** *SCIENCE EDUCATION*
  Book Review Authored by: Sircar, M., Rudolph, J. L.
  2023