

Naneh Apkarian

✉ naneh.apkarian@gmail.com
🌐 www.nanehapkarian.com
🐦 @NanehApkarian

Postdoctoral Research Associate

Center for Research on Instructional
Change in Postsecondary Education

CRICPE
Western Michigan University
1903 W Michigan Ave
Kalamazoo MI 49008-5288 USA

PhD | Mathematics Education
University of California San Diego
San Diego State University

MA | Mathematics
University of California San Diego

BA | Mathematics
Pomona College

STEM Higher Education
Institutional Change
Postsecondary Math Education
Social Network Analysis
Survey Research
Sociocultural Theories
Inquiry
Educational Consulting

RESEARCH HIGHLIGHTS

Evaluating the Uptake of Research-Based Instructional Strategies in Undergraduate Chemistry, Mathematics, & Physics

NSF DUE #1726328, #1726281, #1726042, #1726126, #1726379
Postdoctoral Research Associate (2018-current)

Progress through Calculus (PtC)

NSF DUE #1430540 | www.maa.org/ptc
Senior Personnel (2018-current), Research Assistant (2015-18)

Knowledge Shifts in the Mathematics Classroom: The Roles of Students and Teachers

Israeli Science Foundation, Grants No. 438/15, 2015-2019
Research Assistant

Dissertation Study

Transforming Precalculus to Calculus 2: A Longitudinal Study of Social and Structural Change in a University Mathematics Department
Principal Investigator

PUBLICATION HIGHLIGHTS

Apkarian, N., Kirin, D., Gehrtz, J., & Vroom, K. (2019). Connecting the stakeholders: Departments, policy, and research in undergraduate mathematics education. *PRIMUS*.

Apkarian, N., Tabach, M., Dreyfus, T., & Rasmussen, C. (2019). The Sierpinski smoothie: Blending area and perimeter. *Educational Studies in Mathematics*, 101(1), 19-34.

Reinholz, D. L., Bradfield, K., & **Apkarian, N.** (2019). Using analytics to support instructor reflection on student participation in a discourse-focused undergraduate mathematics classroom. *International Journal of Research in Undergraduate Mathematics Education*, 5(1), 56-74.

Rasmussen, C., **Apkarian, N.**, Hagman, J. E., Johnson, E., Larsen, S., Bressoud, D., & Progress through Calculus team. (2019). Characteristics of Precalculus through Calculus 2 programs: Insights from a national census survey. *Journal of Research in Mathematics Education*, 50(1), 98-112.

Apkarian, N., Bowers, J., O'Sullivan, M. E., & Rasmussen, C. (2018). A case study of change in the teaching and learning of Precalculus to Calculus 2: What we're doing with what we have. *PRIMUS*, 28(6), 528-549.

Reinholz, D. L., & **Apkarian, N.** (2018). Four frames for systemic change in STEM departments. *International Journal of STEM Education*, 5(3), 1-10.