Dr. Michael I. Jacobs

Texas State University
College of Science & Engineering
Chemistry and Biochemistry
(512) 245-3120
ojl18@txstate.edu

Institutions of Higher Education Attended

PHD, Univ of California, Berkeley.

BA, Oberlin College.

Significant Professional Works

Refereed Journal Articles

Jacobs, M. I., Aleman, E. T., Zepeda, R. G. (2025). Confocal Fluorescence Imaging of Levitated Microdroplets. *Aerosol Science and Technology*.

Ahmed, F., Jacobs, M. I. (2025). Using induced charge detection to quantify the net charge of microdroplets within a quadrupole electrodynamic trap. *Review of Scientific Instruments, 96*.

Jacobs, M. I., Johnston, M., Mahmud, S. (2024). Exploring how the Surface-Area-to-Volume Ratio Influences the Partitioning of Surfactants to the Air-Water Interface in Levitated Microdroplets. *Journal of Physical Chemistry A, 128*(46), 9986-9997.

Tu, M. Q., Nguyen, H. V., Foley, E., Jacobs, M. I., Schroeder, C. M. (2023). 3D manipulation and dynamics of soft materials in 3D flows. *Journal of Rheology, 67*, 877-890.

Jacobs, M. I., Bansal, P., Shukla, D., Schroeder, C. M. (2022). Understanding Supramolecular Assembly of Supercharged Proteins. *ACS Central Science, 8*(9), 1350-1361.