

Biophysical Journal Call for Papers

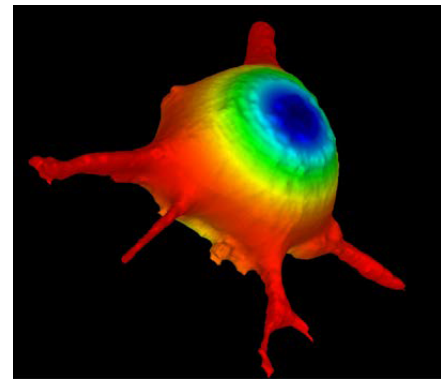


Special Issue: Quantitative imaging of membrane and cytoskeletal dynamics

Dedicated to Ken Jacobson

Editors: Klaus Hahn, Michelle Itano, Les Loew, Eric Vitriol

Our friend and colleague Ken Jacobson, Kenan Distinguished Professor at the University of North Carolina at Chapel Hill, passed away on February 7. To celebrate his creativity, extensive interests, and development of powerful quantitative methods for biophysics, we invite manuscripts for this special issue. Ken Jacobson was one of the founders of modern digital microscopy, contributing broadly applied technical innovations including fluorescence recovery after photobleaching (FRAP), methods for quantitative analysis of microscope images, computational modeling, and approaches to examine lipid diffusion in biological membranes. His laboratory applied these tools to better understand the role of lipid rafts in membrane organization, biophysical mechanisms of cell motility, and how oscillations involving mechanical feedback affect signaling pathways. Attesting to his compassion and broad vision, later in life Ken devoted himself to developing solar powered vaccine coolers to serve remote areas. Many younger colleagues, students, and fellows will remember his guidance and warm support, and those in the biophysics community are grateful for his leadership efforts on behalf of the Society, in addition to NIH initiatives in quantitative imaging.



Courtesy Les Loew, University of Connecticut

We welcome all topics broadly relevant to the questions and inventions pursued by Dr. Jacobson.

Deadline for submission: January 31, 2023

Please indicate in the cover letter that you would like to be included in the Ken Jacobson Tribute issue. All articles will be peer reviewed and held to the usual rigorous criteria for inclusion in *Biophysical Journal*. Papers will be published online as they are accepted but will be collected in a special issue once they are all fully processed. Normal publishing charges will apply. Instructions for authors can be found at <https://www.cell.com/biophysj/authors>. Questions can be addressed to the BJ Editorial Office at BJ@biophysics.org or to (240) 290-5600.



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