

Biophysical Journal Call for Papers

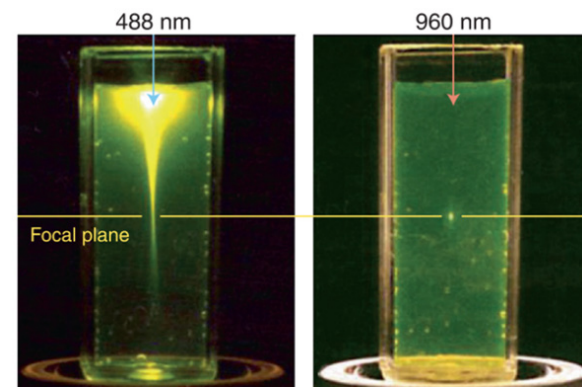


Special issue dedicated to Watt W. Webb: Point spread functions—from fluorescence correlation spectroscopy to multiphoton microscopy

Editor: *Elizabeth Rhoades (University of Pennsylvania)*

To celebrate the scientific contributions of our late colleague and mentor, Watt W. Webb, we invite contributions from the areas of biophysics that motivated his remarkable career, especially theoretical development and application of fluorescence correlation spectroscopy and multiphoton microscopy, as well as the approaches inspired by these methods, including single-molecule spectroscopy and super-resolution imaging.

Webb, who passed away in 2020, had a profound impact on biomolecular spectroscopy and microscopy. Along with colleagues, he was responsible for inventing methods, such as fluorescence correlation spectroscopy and multiphoton microscopy, that are now ubiquitous tools in laboratories around the world. In addition to developing the theoretical basis and basic implementation of these methods, he also applied them to a broad range of challenging biological systems from DNA sequencing at the single-molecule level to membrane phase separation to metabolic imaging of brain slices. His scientific creativity and rigor were matched by his ability to bring out the best in his graduate students and postdocs by cultivating a laboratory environment that encouraged exploration and independence. Over his 60 years, he mentored several generations of scientists who have gone on to make their own seminal contributions to the field of biophysics.



Deadline for submission: December 15, 2024

- Instructions for authors can be found at: <https://www.cell.com/biophysj/authors>.
- Please include a cover letter stating that you would like to contribute to the Watt W. Webb special issue and please describe why the work fits into the special issue.
- Normal publishing charges will apply.
- Questions can be addressed to the BJ Editorial Office [BJ@biophysics.org; (240) 290-5600] or Elizabeth Rhoades (elizabeth.rhoades@sas.upenn.edu).



To submit, visit <https://www.editorialmanager.com/biophysical-journal/>