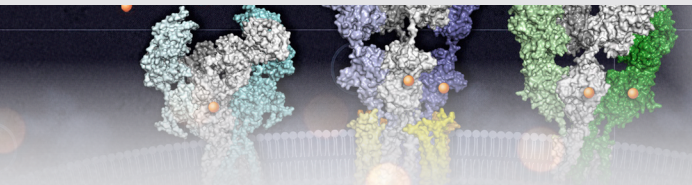
BPS Bulletin
THE NEWSLETTER OF THE BIOPHYSICAL SOCIETY
Biophysical Society



Bringing the World of Biophysics Together in Los Angeles

BPS 2025 los angeles
February 15–19, 2025 california

Scientists from more than 45 countries gathered in the City of Angels for five days of learning, scientific exchange, collaboration, and career advancement. The meeting opened on Saturday, February 15, with 18 Subgroup symposia, followed by 24 symposia, 4 workshops, and more than 500 platform talks over the next four days. The exhibit hall buzzed with energy, showcasing over 700 poster presentations daily. At the awards ceremony, President *Gabriela Popescu* honored *Sudha Chakrapani*, Case Western Reserve University, and *Christopher Yip*, University of Toronto, for their outstanding leadership as this year's Program Committee Co-Chairs.

For meeting highlights, see page 10.

BPS President Gabriela Popescu (left) recognizes 2025 Program Committee Co-Chairs Sudha Chakrapani (center) and Christopher Yip (right).

Nominate yourself or a colleague for a 2026 Society Award

The Biophysical Society is now accepting nominations for its 2026 awards through May 1, 2025. Society members are encouraged to submit nominations of worthy candidates, including self-nominations, so that those selected represent the diversity that is inherent in biophysics.

If you know deserving members—or you'd like to nominate yourself—this is the opportunity to recognize those contributions. Remember, awardees can be selected only from among those nominated!

Learn more by visiting our website: biophysics.org/awards-funding/society-awards.

Application Deadline: May 1, 2025

Inside

Stay Connected with BPS


Lynmarie K. Thompson

Update from Council: Solidarity in Support of Science

The Annual Meeting in Los Angeles was a fabulous and much-needed opportunity to share our science and reconnect with our BPS community. There was great energy, from the talks to the poster sessions to the dance floor. As always, the Annual Meeting includes three meetings of the BPS Council, who are charged by you, its members, to set the vision for the Society. This year more than ever, the thoughtful perspectives and discussions of Council were much appreciated as BPS pursues its work to lead and promote biophysics for the benefit of humanity.

Joint Council 2025 opened on February 14 with a mix of joy and sadness as we took turns sharing something we were grateful for (primarily being at the meeting with friends and colleagues!) and a took a moment to acknowledge the recent loss of Council member *Anita Niedziela-Majka* and the devastation from the wildfires in the Los Angeles area.

The meeting continued on a somber note as we discussed the impact of the new US Presidential Administration's Executive Orders (EOs) and federal actions on BPS members and the broader scientific community. The Department of Health and Human Services' pause on communication and travel directly impacted the Annual Meeting since colleagues from the National Institutes of Health (NIH) and other federal agencies were unable to attend. Impacts of the EO on diversity, equity, and inclusion (DEI), the Office of Management and Budget order outlining grant freezes, and the NIH indirect grant costs cap of 15% were also considered. DEI remains among the core values for BPS, and we plan to continue our work fostering a diverse and inclusive global community. The funding issues are in flux and will take time and monitoring to understand all the ramifications for our members and the Society.

Beyond sharing immediate impacts, we decided to focus on what we could do here and now to support members. To that end, soon to be President-Elect *Karen Fleming* and BPS Council members *Theanne Griffith* and *Emmanuel Margeat* volunteered to lead a panel discussion and attendee sharing session on Tuesday afternoon at the Annual Meeting. Within an hour of then–BPS-President *Gabriela Popescu* calling Joint Council to order, we had the framework for what would become the "BPS Emergency Town Hall—Impact of US Policies on Biophysics." The goal of the presentation and discussion was to empower BPS members as private citizen scientists to advocate for science if you choose to do so (see www.biophysics.org/policy-advocacy/stay-informed/policy-issues for information). To help BPS with its advocacy efforts, we also seek to collect information on the impact of these policies on your science, institutions, and local economy: share your stories at advocacy@biophysics.org.

Continuing to other topics, Council decided that maintaining industry representation is important to our mission (the passing of Niedziela-Majka left Council with no members from industry). So Council charged the 2024 Nominating Committee with identifying two candidates and adding a dedicated seat for a member from industry to the 2025 election ballot. We also received updates on the marketing, communications, and branding initiative from BPS Director of Marketing, Communications, and Outreach *Elizabeth Vuong*, and a financial report from BPS Treasurer *Samantha Harris*. We ended the first session of Joint Council by recognizing the excellent service of outgoing Council members *Patricia Bassereau*, *Martin Gruebele*, *Syma Khalid*, and *Valeria Vásquez*, as well as outgoing Past-President *Taekjip Ha*.

Saturday morning's meeting began with a report from 2025 Annual Meeting Program Co-Chairs, *Sudha Chakrapani* and *Christopher Yip*. They talked about the process of developing the program, including the valuable contributions of the Subgroups during the 2024 Subgroup Chairs meeting. They shared that there were just over 4,000 people registered leading up to the meeting. However, they received quite a few late cancellations from speakers, and *Dorothy Chaconas*, BPS Director of Meetings and Exhibits, noted similar cancellations from attendees, due in no small part to the travel restrictions and funding concerns of federally employed and federally funded attendees. Although BPS was notified of most of these cancellations after the deadline, Council agreed to issue registration refunds to those who were prohibited from attending by their employer.

Ilya Levental, 2026 Annual Meeting Program Co-Chair along with *Ariane Briegel*, presented the nearly final program for BPS2026. He shared that they relied heavily on member-suggested sessions as well as input from the Program Committee and Council, and said he would be meeting with the Subgroup Chairs on the upcoming Tuesday for their feedback. Efforts are underway to streamline the process of receiving input from Subgroups and to better publicize the call to members for suggested sessions, to ensure that we incorporate

both longstanding and emerging areas into the exciting science presented at our Annual Meeting!

BPS Secretary *Teresa Giraldez* followed the Annual Meeting topic with updates on Subgroups, including the status of the Subgroup Task Force activities. Results from the recent all-member survey on Subgroups will be reviewed by the Task Force and then shared at May Council. She also informed Council that the leaders of the Multiscale Genome Organization Subgroup were notified before the meeting that their Subgroup will be dissolved after the Annual Meeting due to the inability to maintain the required number of Regular and Early Career members established by the BPS bylaws.

New Council convened on Wednesday, February 19, and began with everyone sharing something about the meeting that was exciting for them. Several people commented on the outstanding lectures they attended, as well as the enthusiastic engagement of the students and early career attendees throughout the meeting. Then our first topic was the effort to support the BPS mission and our members in the face of everything that is going on around the world. We discussed the importance of telling stories that convey the impact of science and that humanize scientists, and ideas for incorporating this theme into BPS activities for the upcoming year and into programming for the 2026 Annual Meeting.

Padmini Rangamani, *Jörg Enderlein*, and *Vasanthi Jayaraman*, the Editors-in-Chief (EICs) of BPS's three journals, along with *William Wimley*, Publications Chair, attended Council to report on our publishing program. Although all three journals experienced an increase in submissions in 2024, all the EICs continuously seek opportunities to improve the journals, grow submissions, and ensure that BPS publications are publishing high-quality research from our members and the biophysics community. Wimley highlighted how amazing and proactive the EICs are and flagged that Enderlein's term is ending, with a search for his replacement currently underway. Council approved the addition of a new Associate Editor for Special Issues position for *Biophysical Journal*, with *Tamar Schlick* as the first person to fill the role, as well as approving candidates to fill Editorial Board Member vacancies.

We established the 2025 Nominating Committee during New Council, and *Janice Robertson* was approved as the chair of the Awards Committee. Other committee chair and member appointments will be confirmed at May Council. Members interested in serving on a BPS committee should submit the volunteer form at www.biophysics.org/about-bps/governance/committees.

Chakrapani and Yip joined Council to share feedback about the previous few days at the Annual Meeting. Speaker cancellations left gaps in several platform sessions. We discussed ideas for replacement speakers and will work with chairs and staff to identify a solution that will maximize speaking opportunities at future meetings.

We closed New Council with a discussion of the "Emergency Town Hall" and ideas for supporting members after the meeting. As noted above, we have built out a section on the BPS website with the resources from the town hall and opportunities for members to get involved and to share their stories and concerns. Throughout Council, we reaffirmed that BPS remains committed to our values: diversity of many kinds is the core of our identity and is our key strength that fosters scientific excellence, as shared in this column in the March issue of *BPS Bulletin*.

Overall, the Council meetings at the Annual Meeting were engaging and productive. The Annual Meeting itself was exciting and inspiring. We loved seeing everyone who attended and missed those who could not come. In these challenging times, our BPS community is more important than ever. If you have suggestions for ways we can support you or ideas you would like to share, please reach out to us at any time at thompson@chem.umass.edu or jpesanelli@biophysics.org.

—*Lynmarie K. Thompson*, President
—*Jennifer Pesanelli*, Executive Officer

The Biophysical Society Newsletter (ISSN 0006-3495) is published eleven times per year, January-December, by the Biophysical Society, 5515 Security Lane, Suite 1110, Rockville, Maryland 20852. Distributed to USA members and other countries at no cost. Canadian GST No. 898477062. Postmaster: Send address changes to Biophysical Society, 5515 Security Lane, Suite 1110, Rockville, MD 20852.


Lynn Zechiedrich

Lynn Zechiedrich

Area of Research
How DNA mechanics influence proteins that act on DNA

Institution
Baylor College of Medicine

At-a-Glance

Lynn Zechiedrich's path to a successful career in biophysics and molecular virology was shaped by a childhood brimming with scientific curiosity and problem solving. Today, as a professor of molecular virology & microbiology and biochemistry & molecular pharmacology at Baylor College of Medicine, her research focuses on the proteins and enzymes that act on DNA.

Born in Houston, Texas, *Lynn Zechiedrich*'s early life was steeped in scientific experimentation. Her father, a physicist, often immersed her in scientific experimentation from a very young age. In fact, her first encounter with science occurred when she was a newborn. "I had a bad cold and dad thought he smelled acetone on my breath. He sped me, not to the doctor's office, but to his workplace, Petro-Tex Chemical Corporation, to have me breathe through the tube of a new gas chromatograph he had just built. Sure enough, my breath contained an acetone peak!" She jokes, "Luckily, I survived both the infection and the experimentation, but I think that gives you an idea of what my life was like growing up."

Zechiedrich fondly recalls her childhood as a constant experiment and exploration. Her mom was a professor of Spanish who did research on deciphering ancient text. Her mom took her all over Mexico exploring ancient ruins and languages. She and her father would take apart cars, radios, and even ears of corn to understand how things worked. "We built whatever was needed for whatever job," she says, describing how they'd find solutions to everyday problems, like using aluminum foil and a low-voltage cathode ray tube to keep the dog out of the trash or building an underground house to save on energy bills. "It was all about solving problems," she adds.

Zechiedrich's higher education journey began with a music scholarship to the University of Arkansas, Fayetteville. "This is such an important lesson for parents," she shares. "Yes, there are athletic scholarships, but there are far more band scholarships!" She took science and math courses, embracing her interests while figuring out where she wanted to focus. "I loved physics, but there were no girls there and that felt odd," she explains. "My introductory biochemistry class brought together all my favorite subjects and that is what I decided to do with my life."

At the time, biochemistry was not yet offered as a major, so she pursued a bachelor's in zoology with minors in math and music. Her decision to pursue biochemistry took her to Vanderbilt University School of Medicine, where she earned her PhD in biochemistry. The first PhD graduate student of *Neil Osheroff*, she was captivated by topoisomerases and DNA supercoiling, a passion that still burns within her today. In her second year of graduate school, she heard a talk by *Nick Cozzarelli* at a Keystone Symposium, which led her to pursue postdoctoral research at the University of California, Berkeley in his lab. Cozzarelli's work, which combined biophysics and mathematics to study DNA recombination and other DNA-related activities, was an ideal match for her research goals. Zechiedrich's graduate and postdoctoral experience would become foundational to her later work in DNA research, particularly in understanding the mechanics of DNA topoisomerases—enzymes that play a crucial role in DNA replication, transcription, and repair.

Now a professor at Baylor College of Medicine, Zechiedrich's research focuses on understanding how DNA mechanics influence the proteins and enzymes that act on DNA. "We're having a great time in the lab using what we learned over the last several years about DNA supercoiling to 'capture' and study my favorite enzymes, the DNA topoisomerases, as well as other important DNA-binding proteins and DNA-acting enzymes. Results with supercoiled DNA are vastly different from those with linear duplex DNA!" she reports.

"What I love about biophysics is that it continues to open doors to new details of biological questions," Zechiedrich reveals. Her lab's work continues to shed light on the mechanics of DNA and its interactions with various enzymes, furthering our understanding of the molecular machinery of life.

Zechiedrich's career has not been without its challenges. One of the most difficult moments came when a renewal proposal for a National Institutes of Health (NIH) grant received two nearly perfect scores and one poor review, leading her to narrowly miss the funding payline. Rather than accepting the

outcome, she appealed the review, only to face an unsatisfactory response. "Council came back with 'that was his opinion,' which was a non-answer," she recalls. "But I didn't give up." Despite the setback, Zechiedrich continued to push forward and applied for alternative funding. "I just didn't quit. I submitted new proposals until I was funded again," she reflects, crediting her perseverance and community support as key to overcoming adversity.

Her persistence paid off. Baylor College of Medicine's program for funding researchers with near-fundable scores provided support for her lab, and she was able to continue her research without having to lay off any of her team. She learned a few valuable lessons amidst this difficult experience. "Never put all your eggs in one basket," she recommends, emphasizing the importance of diversifying research funding sources. "Diversify your funding. I had saved everything going on in my lab for one large NIH grant, but when that one grant wasn't funded, I was in big trouble. Lean on your mentors and friends. My being open and honest with my struggle allowed people to step up to help, which meant I didn't end up quitting."

Perhaps most importantly, she learned not to let unsubstantiated criticism get to her. "It's just one guy's 'opinion.' Find any grain of truth in the review and let the rest go because it's not personal and reviewers are just flawed humans. This last point is so important because part of the lack of diversity in science is a consequence of harsh reviews leading to people quitting."

For Zechiedrich, one of the most rewarding aspects of her work is seeing the success of her trainees. She finds immense joy in the "anticipatory and excited feeling" of witnessing the moment when new results are first uncovered—an emotion that she says remains just as exhilarating as it was for her very first experiment. "That moment when you see the results for the first time—it's the best feeling. It's the same as it was when I first started and must have been how my dad felt when he identified that acetone peak in his baby daughter's breath," she shares. In addition to her research, Zechiedrich co-directs the graduate program in Quantitative & Computational Biosciences at Baylor, where she mentors the next generation of scientists. "Generating new ideas, getting new results, and the successes of my trainees—that's what keeps me going," she confides.

Looking ahead, Zechiedrich anticipates that the future of biophysics will be marked by advances in sensitivity and improvements in signal-to-noise ratios in experiments. "I aim to provide mechanistic information about DNA and DNA-acting proteins that bridges the gap between static atomic level information and the reality of the wondrous organized chaos of living cells," she declares.

In her spare time, Zechiedrich finds joy in exploring new places, spending time with family and friends, and engaging in creative outlets such as photography and playing flute and piccolo in the Texas Medical Center Orchestra (catch their performances on YouTube!). When asked what she would do if she weren't a biophysicist, she replies, "I'd be playing piccolo for Warner Bros. Animation."

Zechiedrich's advice for young scientists starting their careers in biophysics is straightforward: "Be bold, follow your passion, and don't forget to have fun." She adds, "Life is a journey, and my journey has been filled with 'I wish my younger self knew that' moments." Some of her biggest lessons learned have been: "Ask for what you need. Your boss/chair wants you to succeed, but they cannot know how to help unless you ask. Be proactive about what you wish to be involved in and what is not your best use of time. You are you and your pathway is yours, so don't compare yourself to others and help your colleagues and trainees to do the same."

As a member of the Biophysical Society, Zechiedrich has found the organization's resources, events, and community to be invaluable to her career. "The people are supportive, brilliant, and give me new ideas," she notes, highlighting the importance of collaboration and connection in scientific work. "Studying DNA structure/function is a field that fits everywhere yet nowhere exactly. So, after years of not quite fitting, I feel I fit well at BPS. The people I have met through BPS are world class. I take a bit of each talk and each person back with me to the lab and there is no doubt my science advances because of it."

By the Numbers

BPS has a global network of 69 Student Chapters, with 45 across the United States and 24 in other countries around the world.

Stay Informed and Take Action on Federal Moves Affecting Science

As part of the Society's efforts to ensure that our members stay informed and engaged in the fight to protect federally funded basic and biomedical research, a new Policy Issues page—Executive Orders and Federal Action 2025 (www.biophysics.org/policy-advocacy/stay-informed/policy-issues)—has been created. This webpage will be a living resource to provide a central location for you to stay up to date and take action.

- Call Congress on the Impact of Facilities and Administrative (F&A) Cuts to Your Lab and Research
- Email Congress about F&A Cuts
- Share Your Story with advocacy@biophysics.org
- Share the Impact of 15% Indirect Cost Caps on Your Lab:

Notice of Extension
Notice of Awards
Study Sections Postponements
Council Meeting Postponement
No Cost Extension Approvals

Francis Collins Announces Final NIH Retirement

As federal science research funding agencies continue to face upheaval in light of the new presidential administration, former National Institutes of Health (NIH) Director *Francis Collins* announced his final retirement from the agency on March 1. Collins completed his tenure as NIH Director in 2021 but continued to maintain a 12-person lab on the agency's campus in Bethesda, Maryland. In his resignation letter, Collins issued a plea on behalf of the NIH and its staff. With the NIH long regarded as the "crown jewel" of the federal government, Collins referred to the agency as a high priority and a non-political bipartisan effort that should be protected.

Since February, researchers and staff at NIH have seen more than 1,200 employees lose their jobs, with more cuts announced on March 8 potentially affecting more than 3,400 employees. The Department of Government Efficiency stated that these efforts were to reduce agency staffing to 2019 levels. While the legality of these terminations plays out in the federal courts, the ability of NIH to fulfill its critical mission is threatened.

Early-Career Researchers Face Uncertainty

Early-career researchers are facing an uncertain future amidst the unknowns in Washington, DC surrounding federal research funding agencies since the inauguration of the new presidential administration and without a federal budget for fiscal year 2025. This uncertainty results from the freezing of funds, the firing of thousands of federal employees, the upending of programs and research related to gender and diversity, and more. Early-career researchers, a group already struggling with low pay and job insecurity, have felt the impact significantly. Many of the federal scientists fired this month are early in their careers and must now face the challenge of where they will find work next.

The cancellation of diversity, equity, and inclusion (DEI) programs resulted in the elimination of not only focused grants, but also supplemental grants on work not specifically designated toward DEI research but instead to support the salaries and career development of trainees from underrepresented groups. Others were awards given directly to graduate students and postdocs who aimed to help broaden the participation of underrepresented groups in STEM fields.

The pipeline of future researchers is also in jeopardy because of broader-scale cuts to research funding, such as the threatened reduction in the indirect costs that universities receive to carry out research funded through federal grants. As graduate school admission decisions are being made, faculty at several research-intensive universities have been told to reduce the size of their incoming cohorts.

Undergrad Summer Research Program Downsized by NSF

At the close of February, the National Science Foundation (NSF) announced plans to shrink its support of a long-running research program for undergraduate researchers: the Research Experiences for Undergraduates (REU) program. In mid-February, REU sites began posting notices indicating a cancellation of summer research programs.

Launched in 1987 at research-intensive US campuses, the $80-million-a-year REU program caters to students whose home institutions cannot provide opportunities to do the original research needed to launch their careers in STEM fields. Potential host institutions apply to NSF for three years of funding to support a summer cohort of 8–10 students from other colleges and universities; prospective students then apply directly to the sites. The program provides opportunities for undergraduate researchers from historically underrepresented groups in science to engage in research that normally would not be funded though their home academic institution.

Although no comment has been made by the NSF, speculation attributes the cuts to a combination of recent federal actions related to diversity initiatives and uncertainty on funding for fiscal year 2025.

Around the World

Chief of United Kingdom's National Funding Agency Named

Ian Chapman was named as the next chief executive of UK Research and Innovation. It is the country's largest public research funder, with an annual budget of £9 billion. Chapman, a physicist who spent much of his career at the Culham Centre for Fusion Energy, is credited with transforming the United Kingdom's fusion research in the wake of Brexit. He will begin his role in June, just as the government releases its five-year spending review, facing at best a flat budget for 2025–2026 with no inflation increase.

The BioPhys Mex 2025 Conference Initiative

by *Eduardo Jardón-Valadez*, BPS Ambassador, Mexico

The BioPhys Mexico initiative is part of the efforts to get together students, professors, researchers, and any general audience interested in a better understanding of the complexity involved in diverse biological processes, with the possibility of exploring new ways of interaction with our environment, among other important applications. We have scheduled BioPhys Mexico 2025 at the Autonomous Metropolitan University at Lerma City, in the State of Mexico. Thanks to a close collaboration of colleagues from the National Autonomous University of Mexico, the Potosino Institute of Science and Technology, and the Autonomous University of Mexico City, BioPhys Mexico 2025 will take place May 7–9, with participation of experts from Europe and North and South America. We believe that participating students will find new perspectives to continue their development in any field of biophysics. Learn more about BioPhys Mex 2025 at https://biophysics.org/blog/the-biophys-mex-2025-conference-initiative.

Know the Editor


Cecilia Bouzat

Cecilia Bouzat
University of the South, Argentina

Editor, Channels, Transporters, and Receptors
Biophysical Journal

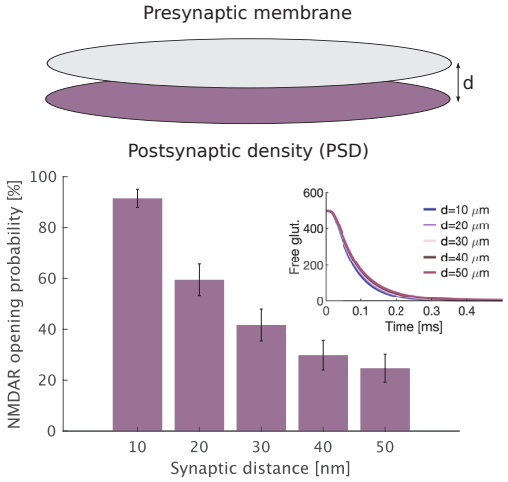
What are you currently working on that excites you?

I am dedicated to understanding the molecular foundations of activation and drug modulation of pentameric ligand-gated ion channels, particularly nicotinic acetylcholine and serotonin receptors. I find it fascinating to explore how these proteins transduce chemical signals into electrical responses within cells and how this intricate mechanism can be altered by diseases and pharmacological agents. These channels facilitate rapid responses in the nervous system and play essential roles in various physiological processes, such as voluntary muscle contraction, cortical excitability, cognition, attention, and reward. Their dysfunction is linked to neurological, neurodegenerative, neuroinflammatory, and neuropsychiatric disorders. Therefore, developing targeted drugs offers significant therapeutic potential. By understanding how these channels function at the molecular level, we can pave the way for medical innovations that have the potential to transform and enhance human health.

What has been your most exciting discovery as a biophysicist?

Throughout my career, I've experienced numerous stimulating discoveries. One particularly impactful moment occurred during my postdoctoral research at the Mayo Clinic. I was investigating nicotinic acetylcholine receptor channels involved in muscle contraction, specifically examining their function in patients with congenital myasthenic syndromes. I vividly recall the day I first recorded channels from a patient by using patch-clamp techniques. The channels exhibited prolonged opening and behaved markedly differently from those in healthy individuals, which astonished me. A single mutation induced an alteration in channel kinetics that led to a severe neuromuscular disorder. This experience underscored how such techniques can elucidate disease mechanisms and guide the development of therapeutic interventions to correct abnormal channel function.

Editor's Pick



Biophysical Journal

Synaptic cleft geometry modulates NMDAR opening probability by tuning neurotransmitter residence time
Maria Hernández Mesa, Kimberly J. McCabe, and Padmini Rangamani

"This study demonstrates that synaptic morphology profoundly shapes neurotransmitter diffusion and NMDA receptor activation, directly impacting synaptic efficacy. The authors' model shows that factors like synaptic cleft curvature, membrane spacing, and surface-area-to-volume ratio significantly influence receptor dynamics. Given the dynamic nature of dendritic spines, which change shape and size during synaptic plasticity, their findings illustrate how purely morphological changes in cleft structure can modulate interneuronal communication and signal strength."

Version of Record Published January 27, 2025
DOI: https://doi.org/10.1016/j.bpj.2025.01.019

Members in the News


Christopher Barnes

Christopher Barnes, Stanford University and Society member since 2019, was named one of Cell Press's "50 Inspiring Scientists."


Frances Separovic

Frances Separovic, University of Melbourne and Society member since 1985, received the 2025 Leach Lecture Medal of the Lorne Proteins Conference.

Grants & Opportunities

Eppendorf & Science Prize for Neurobiology

The international Eppendorf & Science Prize for Neurobiology is awarded annually to one young scientist for the most outstanding neurobiological research based on methods of molecular and cell biology conducted by them during the past three years.

Who can apply: This is an international research prize. Entrants must have an advanced degree received in the last 10 years and must not be older than 35 years of age.

Deadline: June 15, 2025

Website: www.science.org/content/page/how-enter-eppendorf-science-prize-neurobiology

Benjamin Franklin Medals

The Franklin Institute invites nominations for Benjamin Franklin Medals, presented in the following disciplines of science and engineering: Chemistry, Civil and Mechanical Engineering, Computer and Cognitive Science, Earth and Environmental Science, Electrical Engineering, Life Science, and Physics.

Who can apply: This is an international competition for individuals whose work has had a significant impact on the aforementioned fields of science and engineering and is not restricted by specific theme or topic.

Deadline: Nominations are accepted at any time throughout the year. The process from nomination to award typically takes a minimum of two years.

Website: https://fi.edu/en/awards/nominations

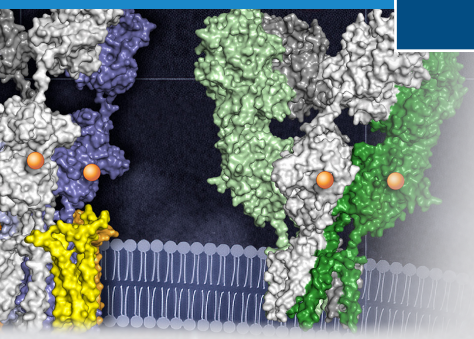
Student Spotlight


Augustine Onyema

Augustine Chimezie Onyema
City University of New York

What do you hope to accomplish in your career?

Understanding the pathogenesis of diseases at the molecular level is the fun of being a molecular biophysicist. It is like a photographer roaming the cell and its organelles and taking pictures of cellular events. I look forward to being among those biophysicists who understand the evolution of diseases and propose how to stop the progression of such clinical conditions.



BPS 2025 los angeles

February 15–19, 2025 california

Symposia & Workshops

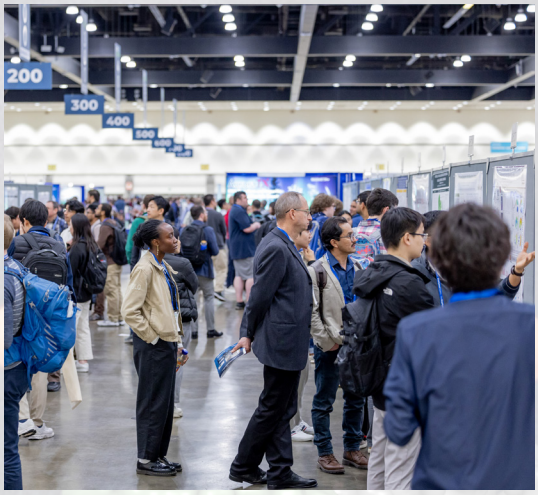
There were sessions for every interest, beginning with 18 Saturday Subgroup symposia, 24 Annual Meeting symposia, 4 workshops, and 63 platforms, all highlighting the latest research topics and biophysical techniques.

BPS Lecture

Eric Gouaux, Vollum Institute, Oregon Health and Science University, delivered his presentation, "From Clamshells to Clefts: The Molecular Basis of Synaptic Transmission," at the BPS Lecture on Monday, February 17.

Career Programs

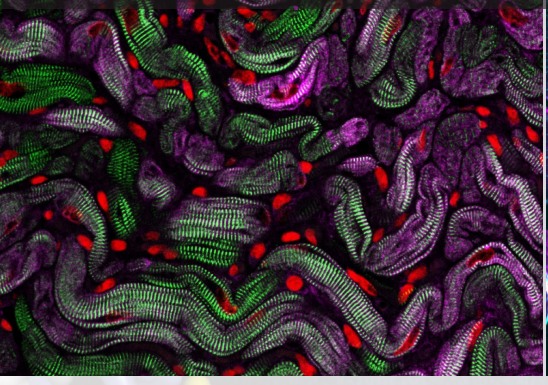
There were 35 career and education-related sessions for attendees at all career levels, in addition to one-on-one resume critiquing and career counseling.



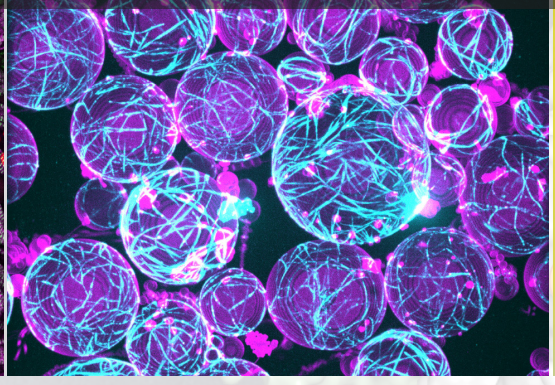
Poster Presentations

The over 700 daily poster presentations were overflowing with scientists from around the globe wanting to hear about the latest research spanning the interdisciplinary field of biophysics. In addition, more than 600 attendees presented their research in the daily platform sessions.

1st Place
Waves of Life: The Flow of Cardiac Motion
Mamta Amrute-Nayak



2nd Place
Engineering Life: One Molecule at a Time
Ryota Sakamoto



3rd Place
Protein Purification
Mateusz Dyla

Image Contest

The Biophysical Society Art of Science Image Contest received approximately 30 submissions. The 10 finalists were displayed at the Annual Meeting, where attendees voted on their top two images. Congratulations to the 1st, 2nd, and 3rd place winners. A special thank you to Chroma Technology for sponsoring the contest and prizes. Visit the BPS website for the full descriptions of the images: www.bipohysics.org.

Exhibits

Exhibitors had a full three days of interactions with attendees, giving product demonstrations to show the latest lab equipment, discussing scientific publications, and introducing new technologies. There were 18 one-on-one exhibitor presentations held to provide more in-depth information along with equipment demonstrations at the Annual Meeting.

2025 Student Research Achievement Award Poster Competition Winners

The 37 winners of the annual Student Research Achievement Awards (SRAA) were recognized at the 69th Biophysical Society Annual Meeting Awards Ceremony on February 17, 2025. These students were selected by judges from the Society's Subgroups for their outstanding presentations during the poster competition. A total of 153 students participated in the competition.

The 2025 SRAA winners are:

Bioengineering Subgroup
Masato Suzuki, Gunma University, Japan
Protein Accumulation on the Inner Leaflet of the Asymmetric Lipid-Protein Vesicles

Roshni Shetty, University of California, Davis, USA
Investigating the Role of Tissue-Level Heterogeneities in Cardiac-Adrenergic Signaling Using Computational Modeling

Biological Fluorescence Subgroup
Asma Fatima, Hamad Bin Khalifah University, Qatar
Differential Kinetics of SARS-CoV-2 Proteases Revealed by a Dual-Color BRET-Based Protease Biosensor Duprosense

Ganesh Pandey, University of Illinois at Chicago, USA
Spatial Organization of Regulatory Chromatin AT Transcription Condensates

Biopolymers in Vivo Subgroup
Tharun Selvam Mahendran, University at Buffalo, State University of New York, USA
Decoupling Phase Separation and Fibrillization Preserves Biochemical Activity of Tau Condensates

Channels, Receptors, and Transporters Subgroup
Allen L. Hsu, Columbia University, USA
Engineering Nanobody-Based Modulators for Targeted Downregulation of the Sodium-Leak Channel NALCN

Isabel Romov, Yale University, USA
Elucidating the Molecular and Structural Mechanisms of a TRPA1 Channelopathy

Martin C. Heiss, Medical University Innsbruck, Austria
A Bi-directional Binding Site Linking 2-1 Subunit to Voltage Sensor Gating Charges Regulates the Activation Kinetics of CAV1.1 Calcium Channels

Ayobami Diyaolu, Washington State University, USA
Characterization of an Open-State GABAA Receptor Using In-Silico Mutagenesis and Molecular Dynamics Simulations

Hugo A. Perez, Florida International University, USA
Molecular Dynamics Simulations of the LIPID-II Interactions and Assembly of NISIN Chains in Bacterial Membranes

Samantha R. Schwarz, University at Buffalo, State University of New York, USA
Synthetic Modulator Rescues Gating Deficits in GLUN1 Y647 Disease-Related NMDA Receptor Variants

Cryo-EM Subgroup
Shubham Dubey, Purdue University, USA
Decoding the Mechanism of Iron Piracy in Pathogenic Neisseria

Hsiang-Ling Huang, The Ohio State University, USA
Mechanisms of Dysferlin-Mediated Membrane Repair in Health and Disease

Intrinsically Disordered Proteins Subgroup
Vicky Liu, Washington University in St. Louis, USA
Microphase Versus Macrophase Separation of Proteins with RNA Recognition Motifs

Borna Novak, Washington University in St. Louis, USA
Construction of IDR Ensembles Directly from Sequence through Multi-Scale Generative Modeling

Macromolecular Machines and Assemblies Subgroup
Akanksha Gurtu, University of Texas, USA
Characterizing the GSK3/NAV1.6 Protein-Protein Interaction Complex

Magalí Colomer-Molera, Universitat de Barcelona, Spain
Molecular Domains of KCNE4 Involved in KV1.3 Regulation

Kyle Lin, University of Chicago, USA
Single-Molecule Microscopy to Uncover Class-Specific Chaperone Behavior in Protein Condensate Dispersal

Mechanobiology Subgroup
Kamrin D. Shultz, James Madison University, USA
Elucidating the Molecular Mechanism of How Obscurin Alters Cellular Migration

Membrane Fusion, Fission, and Traffic Subgroup
Katherine R. Clowes, Vanderbilt University, USA
A High-Throughput Screen to Identify Modifiers of KCNQ1 Trafficking

Hallie N. Pennington, University of Maryland College Park, USA
Interaction of the Lassa Virus Fusion Domain with the Membrane Occurs via Its Internal Fusion Loop

Membrane Structure and Function Subgroup
Janina Louisa Nandy, Research Center Borstel, Germany
Liposome-Based Microfluidic Platform for Standardized Analysis of Antimicrobial Peptides

Diego Luis Velasco-Gonzalez, University of Delaware, USA
Comparative Analysis of Bending Moduli across Simulation Models and Methods

Membrane Transport Subgroup
Kaei Ryu, Jichi Medical University, Japan
Functional Role of Positive Charges on the Extracellular Side of S4 in HCN Channels

Arpan Bysack, Saha Institute of Nuclear Physics, India
Structural Dynamics of the Slide Helix of KIRBAC1.1 Channels Is Altered in Micelles and Membranes

Motility and Cytoskeleton Subgroup
Alexander Bromley, University of Mississippi, USA
Elucidating the Origins of Transient Secondary Structure in Tubulin E-Hooks Using Quantum Mechanics

Tianyi Zhu, Columbia University, USA
Active Force Fluctuations and External Forces Cooperatively Remodel Epithelial Tissue by Local Fluidization and Solidification during Drosophila Body Axis Elongation

Multiscale Genome Organization Subgroup
Rutika Patel, City University of New York, USA
Unveiling the Intricacies of Histone Tails Dynamics Using Markov State Model Approach

Nanoscale Approaches to Biology Subgroup
Verena Rukes, EPFL, Switzerland
Label-Free Identification of Full-Length Proteins Using a Nanopore

Chiara Florindi, University of Milano-Bicocca, Italy
Investigating the Mechanism of Cardiac Cell Excitability Modulation by a Membrane-Targeted Photoswitch

Physical Cell Biology Subgroup
Sena Noaman, University of Washington, USA
Impact of Replicative Age on Liquid-Liquid Phase Separation in the Yeast Vacuole Membrane

Single-Molecule Forces, Manipulation, and Visualization Subgroup
Devinda P. Wijewardena, University of Illinois Urbana-Champaign, USA
Insights into Back-Steps, Rotations, and Cargo-Size Effects of Kinesin Motility with Minflux

Hao-Cheng Gao, Purdue University, USA
Advancements in Nanoscale Quantification through Brain Sections Using Interferometric Ultra-High Resolution 3D Imaging

Theory and Computation Subgroup
João G. N. Sequeira, University of Lisbon, Portugal
Extending Constant-Ph Molecular Dynamics to Multiple Force Fields

Samapika Sahu, Indian Institute of Technology Jodhpur, India
Chlorophyll Induced Lamellar to Non-Lamellar Phase Transitions and Dynamical Heterogeneity in Plant Thylakoid Membranes

S. Benjamin Koby, Carnegie Mellon University, USA
Free Energy Molecular Dynamics-Based Active Learning for Structure-Based Drug Design

Julian A. Melendez, University of South Florida, USA
ATP-ION Complexation and Lithium's Bioactive Form

2025 Undergraduate Poster Award Competition Winners

The 10 winners of the annual Undergraduate Poster Award Competition (UPAC) were recognized at the 69th Biophysical Society Annual Meeting Awards Ceremony on February 17, 2025. Judges from every career level selected these students for their outstanding presentations during the poster competition. A total of 74 students participated in the competition.

The winners are:

Adam Gatch, Clemson University, USA
A-42 Accelerates Pathogenic Structural Transformation within the Amyloidogenic Core Region of TDP-43

Chaelin Lee-Eom, Pohang University of Science and Technology, South Korea
Spatial Regulation of Tau-Microtubule Networks: Active Dynamics Revealed by Tessellation Analysis

Daniel Tan, Princeton University, USA
Networked Interactions in Biomolecular Condensates Formed by Disordered Proteins Reveal Structural and Dynamic Inhomogeneities

Esai J. Cisneros, New Mexico State University, USA
Optimizing BIO-AFM for Force Spectroscopy of Brassica Guard Cells

Iren Saffarian-Deemyad, Stanford University, USA
Ancestral RNA-Guided TNPB Nuclease Interrogates DNA in Discrete Supercoiling-Sensitive Steps

Jinglang Sun, University of Texas at Austin, USA
Non-Selective Effects of CAV3 T-Type Channel Blockers ML218 & Z944 on CAV1 L-Type Channels

Megan Parada, Stanford University, USA
Bispecific Antibodies Binding the Lower Stalk and Stem Helix of Betacoronavirus Spike Glycoproteins

Paul-Pierre Boutet, Reed College, USA
Towards Structural and Functional Characterization of a Bacterial Manganese Exporter

Sam C. Carey, University of Wisconsin–Madison, USA
Nuclear-Spin Hyperpolarization of Biomolecules on an 80 MHz Benchtop NMR Spectrometer

Tara M. Young, University of Washington, USA
A DNA Binding Protein Interacts with Type II Topoisomerases to Promote DNA Replication

Cheers! for Volunteers

Tinatin Brelidze

Tinatin Brelidze

Membership Committee

Is this your first volunteer position for BPS? If not, what other positions have you held?

Yes, this is my first volunteer position for BPS. I joined the Membership Committee in 2020 and started my second three-year term in 2023.

Why do you volunteer?

I have been a member of the Biophysical Society since 2000. The Annual Meetings, the networking events, and personal contacts established through the Biophysical Society had an enormous impact on my development as a scientist. All of these would not be possible without volunteers. Volunteering is a way for me to give back to the Society and to make sure that these amazing opportunities are available in the future.

What has been a highlight from your volunteer experience?

I enjoy many aspects of volunteering, and it is difficult to pick only one. Working with colleagues on maintaining and expanding Society membership and operations is rewarding. Learning the logistics of the Society functions and relevant global trends is fascinating. As a committee member I participate in the selection of networking events and travel awardees. These activities define the future direction of the Society, and it is exciting to contribute. Meeting new committee members and reconnecting with old ones during the committee meetings is enjoyable and creates a strong sense of community.

Do you have advice for others who might be thinking about volunteering?

Volunteering is a great opportunity to learn more about Society operations, meet new colleagues, and make your voice heard. I would especially encourage junior scientists to volunteer and provide a fresh perspective.

When not volunteering for BPS, what do you work on?

I am an associate professor at Georgetown University. My research group studies mechanisms of ion channel regulation by using a combination of electrophysiology, biochemistry, and computational methods. I enjoy collaborating with other scientists. Many of my collaborators are also members of the Biophysical Society, and I look forward to meeting them during the Society's Annual Meetings. Outside of work, I enjoy baking and traveling with my family.

Biophysical Society Conferences

Proton Reactions: From Basic Science to Biomedical Applications

Estes Park, Colorado, USA | August 3–7, 2025

Abstract Submission Deadline:	April 14, 2025
Early Registration Deadline:	May 5, 2025

Membrane Fusion and Budding

Estes Park, Colorado, USA | October 5–9, 2025

Abstract Submission Deadline:	June 16, 2025
Early Registration Deadline:	June 29, 2025

For more information visit www.biophysics.org/meetings-events.

Introducing the Next Class of BPS Subgroup Chairs

Serving February 2025 to February 2026

Bioenergetics, Mitochondria, and Metabolism

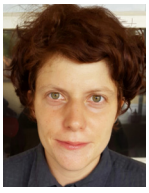
Pablo Peixoto
Baruch College, City University of New York, USA

Erin Seifert
Thomas Jefferson University, USA

Bioengineering

Kit Parker
Harvard University, USA

Biological Fluorescence



Elizabeth Hinde
University of Melbourne, Australia

Biopolymers in Vivo

Daryl Eggers
San Jose State University, USA

Channels, Receptors & Transporters

Juan Du
Northwestern University, USA

Cryo-EM

Elizabeth Kellogg
Cornell University, USA

Intrinsically Disordered Proteins

Lucia Chemes
Universidad Nacional de San Martín, Argentina

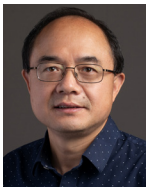
Macromolecular Machines and Assemblies

Seychelle Vos
Massachusetts Institute of Technology, USA

Mechanobiology

Ovijit Chaudhuri
Stanford University, USA

Membrane Fusion, Fission, and Traffic



Yongli Zhang
Yale University, USA

Membrane Structure and Function

Markus Deserno
Carnegie Mellon University, USA

Membrane Transport

Seok-Yong Lee
Duke University, USA

Motility & Cytoskeleton

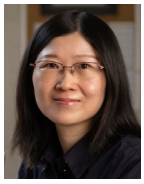
Ekaterina Grishchuk
University of Pennsylvania Perelman School of Medicine, USA

Brett Colson
University of Arizona, USA

Nanoscale Approaches to Biology

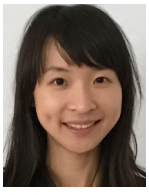
Allison Squires
University of Chicago, USA

Physical Cell Biology

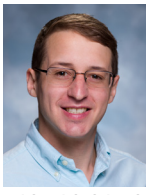


Qiong Yang
University of Michigan, USA

Single Molecule Forces, Manipulation, and Visualization



Jinqing Huang
Hong Kong University of Science and Technology, China



Keith Mickolajczyk
Rutgers Medical School, USA

Theory and Computation

Sarah Harris
University of Leeds, United Kingdom

To learn more about BPS Subgroups or to become a member, visit biophysics.org.

How to Tailor Your CV for Jobs in Academia

If you are preparing to apply for jobs in academia, be sure to start several months in advance of your target application cycle. Cycles and requirements vary across countries, so read each job posting carefully and submit all required materials in the requested format. It is important to consult trusted mentors as you start drafting your materials (4–6 months in advance) and to determine which types of institutions best suit you.

Your CV is an important component of your application package. The content and order in which items appear will vary depending on the type of institution and academic post you target. To help you prepare, let's briefly look at the differences between higher education institutions.

Research-Focused Universities. These can be public or nonprofit private institutions that grant doctoral degrees. Research expenditures, activity, and publications are typically high. Faculty are expected to develop a competitive and productive research program to mentor graduate students and postdoctoral scholars. The emphasis on undergraduate research varies across institutions. Teaching duties vary as well, but faculty are usually expected to teach at least one course per term unless the position is explicitly for research faculty.

Primarily Undergraduate Institutions (PUIs) and Liberal Arts Colleges. These are mostly nonprofit private institutions, though some are public. They are typically smaller in size and offer baccalaureate degrees in arts, humanities, social sciences, and natural sciences. They emphasize teaching over research, with smaller class sizes. PUIs focus on undergraduate student training and hands-on learning. In many cases, faculty candidates are expected to propose research that can be published, funded, and completed by undergraduates. When applying, highlight modular projects, internal and external collaborations, and your commitment to mentoring and teaching undergraduate students.

Community Colleges. Also known as junior colleges, these institutions typically offer two-year programs and grant associate degrees and certificates. Many students start at a community college before transferring to a four-year institution to complete their bachelor's degree, often to reduce the cost of their education. New faculty may be expected to lead and fund a research program focused on undergraduate student training and provide hands-on, student-centered learning opportunities.

Your CV is a detailed document that focuses on your education, any additional training, prior work experience, publications, presentations, awards, and relevant skills. When listing skills, use precise terminology to demonstrate your expertise, but avoid descriptions that are too broad or narrow. While your CV will remain largely unchanged across your applications, you can organize it to highlight the experiences and skills that make you an excellent candidate for the specific position and institution. Your CV serves as evidence of your qualifications, while other parts of your application package should explicitly explain your motivation for pursuing a career at that institution and connect your experiences to its mission and vision as well as the specific job announcement.

Key sections in an academic CV include your name and contact information, your qualifications (education and certifications), past positions that best align with the new job, a skills summary and level of proficiency (including concrete examples where appropriate), teaching experience and/or credentials, research experience (including publications and presentations—you may want to highlight your contributions if these have multiple authors), awards (to demonstrate commitment to research and mentoring where applicable), and grants (if any).

Lastly, don't forget to seek feedback from trusted mentors to help proofread and polish your CV and overall package. Best of luck!

—*Molly Cule*

Start a BPS Student Chapter at Your Institution!

The Spring Call for BPS Student Chapters is now open and accepting applications through May 4, 2025. Apply now to form a BPS Student Chapter at your institution and join a worldwide network of student leaders promoting the field of biophysics!

BPS Student Chapters are led by students and provide members with opportunities for professional development to enhance their academic experience. Chapters may be formed within a single institution, or regional Chapters may be developed among multiple neighboring institutions anywhere in the world. Approved Chapters can also receive up to $200 in matching reimbursable expenses, along with the chance to apply for our Student Chapter Events Grant of $500 in additional funding.

For more information, a complete list of instructions on forming a BPS Student Chapter, and a list of existing Chapters, visit https://www.biophysics.org/membership-communities/student-chapters/start-your-own-student-chapter.

Applications will be accepted through May 4, 2025. Have questions? Connect with us at studentchapters@biophysics.org.

Spring 2025 Call for Local or Virtual Networking Events

Are you interested in hosting an event to connect with fellow biophysicists? The Biophysical Society can help! BPS is calling for Networking Events.

BPS will support both virtual and in-person local Networking Events—the format will be up to you. Past events have included career panels, trivia nights, and programs of short talks from different institutions. The goal is to bring biophysicists together.

Benefits of Hosting a Virtual BPS Networking Event:

- BPS will provide the Zoom virtual platform for the meeting
- BPS will help you advertise the meeting (social media, emails, *BPS Bulletin*, etc.)
- BPS will collect and coordinate the registration process on our website
- You can attract attendees from all over the world to get together on a topic!

Benefits of Hosting an In-Person BPS Networking Event:

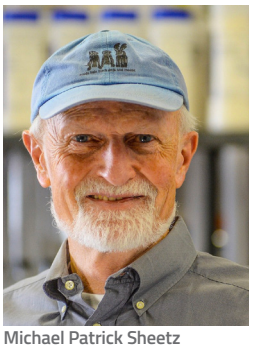
- BPS will reimburse you up to $500 for the costs associated with hosting the meeting
- BPS will help you advertise the meeting (social media, emails, *BPS Bulletin*, etc.)
- You can meet and exchange ideas with others at your institution and neighboring communities!

All current Society members are eligible to apply.

BPS will be accepting Networking Event proposals for events occurring in September 2025 and beyond. The Networking Event submission site will be open until April 30, 2025. Applicants will be notified of the results in June.

For more information about proposal requirements and to view past and upcoming Networking Events, please visit www.biophysics.org/networking-events.

Michael Patrick Sheetz


Michael Patrick Sheetz

Mike Sheetz (1946–2025), Distinguished Welch Professor of Biochemistry at the University of Texas, passed away on January 30, after suffering from multiple myeloma for nearly 11 years. Mike was a longtime member and Fellow of the Biophysical Society. Mike's illustrious career spawned many distinguished chapters, first with his bilayer couple research with *Jon Singer* at the University of California, San Diego, then the discovery of kinesin with *Ron Vale*, *Bruce Schnapp*, and *Tom Reese* at the Marine Biological Laboratory in Woods Hole. On sabbatical in *Jim Spudich*'s lab at Stanford University, Mike developed an in vitro motility assay that had been a holy grail of motility research. He contributed to studies of membrane tension and early studies that provided the first appreciation for a role of mechanical forces in biology when thin rubber sheets were used to stretch p130Cas, and stretching revealed a phosphorylation site.

As a top researcher in the integrin field, Mike proposed that cells could test the rigidity of the matrix by "pinching." The rigidity sensors turned out to be mini sarcomere units that were lost in cancer cells. Mike was the father of mechanobiology, and he was the founding director of the Mechanobiology Institute (MBI) at the National University of Singapore. With colleagues at the MBI, he developed a strategy of using low-frequency ultrasound (LFU) to stretch cells; stretching cancer cells that have lost their rigidity sensors selectively killed them. In Mike's final chapter, his lab applied LFU to senescent cells and they began to grow! This was paradigm shifting, because the aging community held the belief that senescence was permanent and could be treated only through senolytics, which kill senescent cells. LFU treatments were then applied to aging mice, which demonstrated increased life span, as well as higher activity levels. Mike thought that it was the best work he had ever done. A phase I clinical trial was completed that successfully treated osteoarthritis patients, a phase II trial is pending institutional review board approval, and an Alzheimer's trial is also pending approval.

Mike's awards include the Lasker Award, the Wiley Prize in Biomedical Sciences, and the Massry Prize, which he shared with Vale and Spudich.

On the personal side, Mike was easy-going, with a wink and a ready smile. Mike met his wife, *Linda Kenney*, through their participation in the governance of the Biophysical Society. Together they began the Biophysical Society's Mechanobiology Subgroup, a direct offshoot from the MBI. In their 20-year partnership, Mike and Linda enjoyed many happy years of travel and birdwatching. He will be sorely missed.

Expand Your Skills with BPS On-Demand

Looking to strengthen your professional skills and advance your career in biophysics? The BPS On-Demand Video Library offers a wide range of webinars and resources focused on career development, mentoring, and essential skills for scientists at all career stages.

Access expert advice on topics like:

- Navigating career transitions
- Science communications
- Leadership and mentorship
- Work-life balance in academia and industry

Explore these resources at your own pace and gain valuable insights to support your professional growth.

Start learning today at www.biophysics.org/ondemand

Biophysical Journal Call for Papers

Special Issue: Mechanics and Thermodynamics of the Living Cell, Dedicated to Erich Sackmann

Editors: ***Andreas Bausch, Rudolf Merkel, Joachim Rädler, and Alexandra Zidovska***

Biophysical Journal extends an invitation for contributions to a special issue dedicated to Erich Sackmann, who was a trailblazer in the field of cell biophysics. Sackmann, Professor Emeritus of Excellence in the Department of Physics at the Technical University Munich in Germany, passed away in May 2024 at the age of 89.

Erich Sackmann was a pioneer of biological physics, inspiring generations of students and researchers worldwide. His research focused on the mechanics and thermodynamics of the living cell, ranging from the physics of cell membranes, cell adhesion, and the cytoskeleton to the physics of biological polymers and their molecular assemblies. He is renowned for developing numerous model systems, such as polymer-supported lipid bilayers or synthetic vesicles functionalized with ligands and cytoskeletal elements, which enabled studies of cell adhesion, cell recognition, and cell migration. He established a series of measurement techniques, such as magnetic tweezers microrheology and quantitative interference contrast microscopy, which are used widely by the field. Moreover, the precision of his novel experimental techniques contributed to the entry of modern polymer physics into biology.

To celebrate the remarkable and creative scientific life of our late colleague and mentor, Erich Sackmann, we invite submission of original research articles, reviews, and perspectives aligned with his areas of interest in cell biophysics. We encourage contributions ranging from biophysical studies in vivo and in vitro to experimental, theoretical, and computational studies. With this special issue, we seek to pay tribute to Erich Sackmann and his remarkable scientific contributions, which left a permanent imprint on the landscape of the field of biophysics.

Deadline for submission: May 31, 2025

- 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 Erich Sackmann 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 at BJ@biophysics.org or to (240) 290-5600.

Biophysical Society

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

Biophysical Society

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BPS Bulletin
THE NEWSLETTER OF THE BIOPHYSICAL SOCIETY

April 2025

Give the Gift of Membership

Give a graduate in your life a meaningful gift that will enrich their career with opportunities to build relationships that last a lifetime, help them find mentors, get involved in the community, share their research, and access many member benefits!

Give the gift of BPS membership or encourage your students or graduates to join and take advantage of low membership rates, starting at just $25!

www.biophysics.org/giftmembership

BPS Important Dates

Estes Park BPS Conference Abstract Deadline
April 14, 2025

Call for Networking Events Deadline
April 30, 2025

BPS Awards and Fellows Nomination Deadline
May 1, 2025

Estes Park BPS Conference Early Registration Deadline
May 5, 2025

Student Chapter Application Deadline
May 15, 2025

***Biophysical Journal* Mechanics and Thermodynamics of the Living Cell Special Issue Submission Deadline**
May 31, 2025

Please visit www.biophysics.org for a complete list of upcoming BPS Important Dates.