



Secretary Treasurer Candidate

Scott M. Tanner, PhD

I received my bachelor's degree in Biology from Indiana University in 2007, and my PhD in Molecular and Cellular Pathology from the University of Alabama at Birmingham. I then completed a postdoctoral fellowship. While in graduate school, I grew to enjoy working with undergraduates in the laboratory.

After my postdoctoral training, I began my career as an undergraduate educator at Limestone College in 2014. There, I began a research program which involved switching my model organism from mouse, to the more undergraduate friendly *C. elegans*. I then moved to a lecturer position in Clemson University's Department of Genetics & Biochemistry, where I coordinated all genetics labs in the department. This time helped me hone my laboratory instruction skills, but more importantly helped me re-ignite my passion for working with undergraduates in the research laboratory. I then moved to USC Upstate in 2019, where I have been able to strike the balance I desire between teaching and research. My current research involves using *C. elegans* to explore intestinal development and healing. I also currently serve as USC Upstate's Faculty Athletics Representative, helping to represent our faculty at the conference and NCAA levels.

Histochemical Society Statement

My interest in histology and immunohistochemistry began in graduate school while staining immune and gastrointestinal organs in mice. This interest was increased by joining the Histochemical Society as a graduate student and while attending the 2012 Immunohistochemistry and Microscopy course. I have been an active member of the HCS since, participating as faculty of the Immunohistochemistry and Microscopy course (now the Immunohistochemistry and Immunofluorescence course), representing the HCS on the FASEB Science Research Conference Advisory Committee, serving as the inaugural chair of the Education Committee from 2015-2021, serving on Council from 2019-2022, and as interim Treasurer during 2022. I have served as Secretary Treasurer since 2022, and I am excited to continue to ensure the appropriate management of the Society's financial assets.

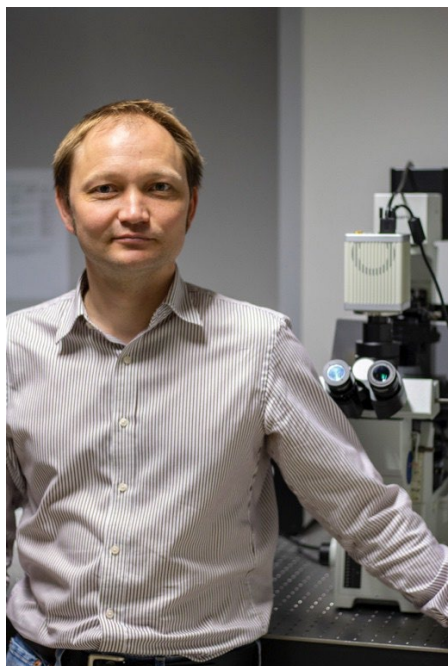
My hope is to continue to increase the excitement of histochemical techniques to early career scientists, much as I experienced in graduate school. In the growing push for molecular and genetic data, it is important to maintain the special data that immunohistochemistry and related techniques can provide. Therefore, continuing our goal of increasing the Histochemical Society's exposure to early career scientists, especially those of diverse and underprivileged backgrounds, will be central to the HCS going forward. I look forward to continuing to serve the HCS membership going forward.



Council Candidate

Paulo Tambasco de Oliveira, DDS, PhD
Associate Professor of General and Oral Histology
University of São Paulo (USP) at Ribeirão Preto, Brazil

Graduated in Dentistry at the School of Dentistry of Ribeirão Preto of the University of São Paulo – FORP/USP (1987), PhD in Oral Pathology by the Faculty of Dentistry of USP - São Paulo (1997) and Associate Professor of General and Oral Histology at FORP/USP since 2006. Post-Doctoral Fellow at the Laboratory for the Study of Calcified Tissues and Biomaterials of the Université de Montréal, Canada, 2001-2002. The work, supervised by Prof. Antonio Nanci, supported by FAPESP (Sao Paulo Research Funding Agency), focused on osteogenic differentiation in contact with biomaterials and defined his main research path. Since then, Dr. Paulo has engaged in the research of the interactions of osteoblastic cells with biomimetic surface nanotopographies, functionalized or not with bioactive organic molecules, using fluorescence imaging and molecular biology analyses. Due to his contributions to the field over the last 20 years, he has been given a productivity in research scholarship by the National Council for Scientific and Technological Development (CNPq, Brazil). Dr. Paulo was also area coordinator for dental research at FAPESP from 2014 to 2022 and has been a member of the Awards Committee of the Histochemical Society (HCS) since 2021. Serving as Counselor to the HCS, Dr. Paulo will support the advancement of the Society's mission and core values, which includes promoting the dissemination of innovative concepts and methods in cell and tissue biology and imaging and expanding support for young researchers. As diversity and inclusion are priorities for HCS, he will also foster actions needed to advocate and support the retention of women as well as underrepresented minorities in the Society.



Council Candidate

**Ruslan I. Dmitriev, PhD, Associate
Professor 24-November-2025**

Vision for the Society:

I am excited to apply for the council member position and hope that I can help this society to evolve and continue addressing goals in improving dynamic visualisation of biochemical and structural organisation of cells, tissues and organs. As a leader of the research team (based in Ghent University, Belgium), with the primary focus on fluorescence lifetime imaging microscopy-assisted analysis and manipulation of organoids and 3D tissue constructs, I am involved in EU-UK wide Horizon consortium 'FLIMagin3D', Flanders Bio-Imaging, Ghent Light Microscopy Core and international collaborations outside of the EU (e.g. HHMI

Janelia research campus). I am convinced that my multi-national experience (born in Soviet Union, grown up in Russian Federation, matured as a scientist in Ireland, performed research in more than 3 countries across the globe) is a strong plus in addressing minority and diversity issues. Collectively, my research expertise, vision and growing research network can help supporting international & global missions of HCS.

Please find my recent bio-sketch here:<https://hcs.memberclicks.net/assets/docs/Council/election/Dmitriev%20CV.pdf>



Council Candidate

Roberto Mota Alvidrez, MD, MS, FAHA

Visionary physician-scientist and Clinical Medical Director with extensive experience in developing and leading innovative clinical and translational research programs, particularly in cardiometabolic diseases (diabetes, cardiovascular disease, obesity). Proven expertise in leveraging data science, translational molecular genetics, and advanced analytics to drive patient-centered care, optimize clinical trial execution, and implement health equity strategies. Skilled in scientific communication, cross-functional team leadership, and securing research funding to advance medical innovation in both academic and biotechnology settings. Recognized Fellow of the American Heart Association (FAHA) with a long track record in professional society leadership across the American Society for Investigative Pathology (ASIP), Histochemical Society (HCS) council member and chair of the communications committee, the American Diabetes Association (ADA) communications director for multiple leadership groups for almost 6 years, among many other positions. I have a strong commitment to advancing healthcare through evidence-based research and impactful leadership. I founded and cohost a scientific communications podcast 5 years ago that advocates for scientific communication between physicians, the public and lawmakers called Behind our Science.

As a physician-scientist and accomplished Medical Director, my career is dedicated to translational and implementation research at the critical intersection of diabetes, cardiovascular disease, and importantly, military health. My expertise lies in clinical trial leadership, translational R&D, and leveraging data analytics to drive tangible improvements, further solidified by my recognized by Data Analytics Certificates with Python and SQL Programming. I possess a deep understanding of metric interpretation, regulatory knowledge, and effective dissemination strategies, honed through years of experience as a Translational Researcher and Medical Director.

My approach seamlessly integrates academic and industry research, fostering a dynamic environment for translational innovation. I excel at identifying synergistic opportunities between fundamental scientific discovery and practical application. This is exemplified by my proven success in increasing underrepresented Hispanic patient retention in clinical trials by 40% through authentic community partnerships, underscoring my commitment to equitable healthcare and culturally sensitive engagement as a cornerstone of successful health outcomes. With a strong foundation in molecular clinical genetics, I effectively bridge basic and translational research to address significant public health challenges. My background in biopharmaceutical research development includes specialized focus on molecular genetics, biomarker assessment in high-risk populations, and the intricate bioinformatic analysis of sex based disease progression. This comprehensive understanding allows me to navigate the complexities of disease etiology and therapeutic development.

I am particularly driven by advancing mitochondrial therapeutics translational and clinical research for chronic inflammatory and degenerative conditions like Type-2 Diabetes with vascular and hepatic complications. Furthermore, my research endeavors are intensely focused on mitochondrial reprogramming, exploring its transformative potential for military neurologic applications, particularly in conditions impacting cognitive function and neurodegenerative pathways, as well as for military applications, enhancing resilience and recovery in demanding environments. My approach is characterized by a passion for high-impact collaborative research, underpinned by robust strategic planning, meticulous clinical data analysis, exceptional team leadership, and focused execution skills. I am a self-driven, determined, and passionate physician-scientist, eager to translate novel scientific

discoveries into impactful clinical solutions for vulnerable patient populations and to address critical challenges in diverse sectors.



Council Candidate

Kate Tubbesing, PhD

I am a Research Scientist at the Neural Stem Cell Institute (NSCI), an independent nonprofit, where I bridge basic and translational research to study neurodegenerative diseases. My research centers on advanced microscopy techniques to elucidate subcellular mechanisms—particularly those involving the endo-lysosomal pathway—that govern cellular function in health and disease. I am also the lead microscopist at NSCI, contributing to research across the institute, including mechanistic studies using 3D brain organoid models derived from human pluripotent stem cells, screening platforms for drug discovery, and translational cell and gene therapy initiatives.

The Histochemical Society played a formative role in my scientific development; the training I received through its courses and meetings, as well as the mentorship and collegiality of its members, were instrumental early in my career. This foundation motivates my commitment to supporting Society's continued growth, to fostering participation from investigators across all career stages, and to helping ensure its long-term stability.

I have had the privilege of serving the Histochemical Society through membership on the Communication and Education Committees, representation of HCS in FASEB-organized advocacy efforts, and participation in the FASEB Early Career Task Force, where I contributed as a co-author to its early-career initiative report. I co-founded the Capital District Postdoctoral Association, serving as president and later director, underscoring my commitment to supporting early-career scientists. I am also committed to educational outreach through teaching at regional microscopy and image analysis courses and volunteering with Flying Cloud to engage teenage girls in dissection and microscopy. As a member of Council, I would work to expand training and outreach initiatives, strengthen engagement across the membership, and enhance the Society's visibility within the wider biomedical research community. I am committed to contributing my experience and dedication to supporting the Society's continued excellence and impact.