



Birgit Schilling, PhD
President

Upcoming Dates

[April 10: New Frontiers
in Spatial Omics
Webinar](#)

[April 17: CNPN-US
HUPO Seminar Series
Webinar](#)

**March 9 - 13, 2024: US
HUPO 2024 Conference
Portland, Oregon**

MESSAGE FROM THE PRESIDENT

April 6, 2023

I hope you all enjoyed our wonderful US HUPO conference in Chicago in March 2023. For me, it was very inspirational to hear all the scientific new discoveries in the lecture sessions, attend all the nice workshops and poster sessions, ECR and company/vendor presentations, and listen to and participate in our vibrant and creative lightning talks !! Who would have thought science could be presented in a rap song or in a limerick – well thank you to all who made those two lightning sessions a huge success and thanks to Renã Robinson, Ben Neely, Laurie Parker, and Sarah Parker for guiding us through them. By popular demand, please find the playlist from the “Parker Sisters” on [Spotify: “US HUPO Lightning Session Tuesday”](#). Also, our Podcast by Ben Neely and Ben Orsburn ***The Road to Chicago*** was so successful and fun that they have agreed to broadcast ***The Trail to Oregon*** for our next US HUPO conference in Portland, March 9-13, 2024. Stay tuned and continue to listen to upcoming episodes with US HUPO members whom you will recognize or get to know !!

US HUPO’s ECR, MS Imaging SIG and Virtual Media Outreach (VMO) will also continue offering webinars throughout 2023. We will also be establishing a new data-independent acquisition (DIA) special interest group (SIG) led by Brett Phinney and myself, starting soon.

I am honored to announce our first two honorary US HUPO lifetime members: Dr. Catherine Fenselau and

Dr. Ralph Bradshaw. For more information on this new category view the membership section of the website.

I hope you all have a great Spring with fulfilling science, time for self, and time to stay connected with US HUPO via webinars, interest groups and podcasts!



Birgit Schilling

EDUCATION


JOIN US FOR THE NEXT WEBINAR IN THE SERIES!

NEW FRONTIERS IN SPATIAL OMICS

Hosted by the US HUPO MS Imaging Special Interest Group

US HUPO
from genes to function


APRIL 10
9:30 AM PST | 12:30 PM EST




**STEPHANIE
COLOGNA**
SPEAKER



**REID
GROSECLOSE**
SPEAKER



**KRISTIN
BURNUM-JOHNSON**
MODERATOR



**PEGGI
ANGEL**
MODERATOR

[REGISTER HERE](#)

Monday, April 10
9:30 - 11:00 am PDT | 12:30 - 2:00 pm EDT

Join Stephanie Cologna and Reid Groseclose for a state-of-the-art talk at the next webinar in the MS Imaging Special Interest Group (SIG)'s "New Frontiers in Spatial Omics" series.

Dr. Cologna ([bio](#)), Associate Professor of Chemistry and Associate Vice Chancellor for Research at the University of Illinois Chicago will be presenting "Considerations for Quantitative Mass Spectrometry Imaging".

Dr. Groseclose ([bio](#)), Director at GSK, will be presenting "Seeing is Believing: Quantitative Assessment of Drug Tissue Distribution Using Imaging Mass Spectrometry".

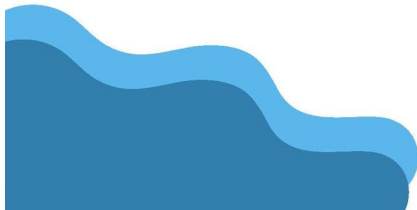
This webinar will be moderated by Kristin Burnum-Johnson and Peggi Angel.



CNPN-US HUPO SEMINAR SERIES INITIATIVE:

PROTEOMICS AND PROTEIN-PROTEIN
INTERACTION LANDSCAPE

17 APRIL 2023 / 12 PM PDT



[REGISTER HERE](#)

Monday, April 17
12:00 pm PDT | 3:00 pm EDT

Join the US HUPO ECR Group and Canadian National Proteomics Network for a webinar "Proteomics and Protein-Protein Interaction Landscape". Anne-Claude Gingras of the University Toronto will discuss "Proximity-dependent Sensors for Signaling" and Jennifer Van Eyk ([bio](#)) will discuss "Precision Medicine: The Need for Personalized Therapies."



ANNE-CLAUDE GINGRAS, FRSC

University of Toronto

Proximity-dependent sensors for signaling



JENNIFER VAN EYK, PHD

Cedars-Sinai Medical Center

Precision medicine: the need for personalized therapies

US HUPO NEWS



Saeed Seyedmohammad Selected as US HUPO Travel Awardee for 14th Annual CNPN Symposium!

We are excited to announce that Saeed Seyedmohammad, PhD, has been selected as US HUPO's travel awardee to the 14th Annual CNPN Symposium in Regina, Saskatchewan this May. Congratulations, Saeed!



US HUPO Offers Lifetime/Emeritus Membership

To recognize long-term members who have moved out of the “day to day” technical work of proteomics, but would like to stay involved with the society as ambassadors to current and future members, US HUPO has created a new Lifetime/Emeritus Membership category.

Congratulations to our first two Lifetime/Emeritus Members: Catherine Fenselau and Ralph Bradshaw! Dr. Fenselau was a member of US HUPO's founding

council in 2004, served as the organization's first president in 2005, then continued to serve on the board of directors through 2017. Dr. Bradshaw was also a member of the founding council in 2004 and served as US HUPO's representative to FASEB for many years. He served on the US HUPO board of directors from 2005 through 2019.

Interested in lifetime/emeritus membership? To qualify, you should be a current member who has contributed to US HUPO for many years throughout your active professional career, currently retired, or have achieved emeritus status from a university. You should also hold an active membership in US HUPO for a minimum of five years. Lifetime/emeritus members can self-nominate by completing the [Lifetime/Emeritus membership application](#) on the website or they can be nominated by the Membership Committee. All lifetime/emeritus applicants must be approved by the Board of Directors.

FEATURED JOBS

Chemical Biology Data Scientist

Dana-Farber Cancer Institute

Boston, MA

View the Job Posting [here](#)

Posted: 03/29/2023

Postdoctoral Fellow

Stanford University School of Medicine

Stanford, CA

View the Job Posting [here](#)

Posted: 03/24/2023

Postdoctoral Research / Project Lead

Naba Lab for ECM Proteomics Research, University of Illinois Chicago

Chicago, IL

View the Job Posting [here](#)

Posted: 03/17/23

Do you have a job opportunity that you would like to share? [Submit it here!](#)

MEMBER SPOTLIGHT



Sarah Parker, PhD
US HUPO 2024 Conference Co-Chair
Assistant Professor
Cedars-Sinai Medical Center

What career advice do you live by? Who gave it to you?

Embrace your own and the world's humanity! We are all flawed and complicated people leading interesting lives with all kinds of internal and external pressures and drives. There's this archaic archetype of the cold, singularly focused exclusively dedicated scientist and it's just not really who most of us are, at least in these modern times. I am deeply passionate and in love with my job, but if the only way to succeed means I must sacrifice a rich and healthy family and personal life, then it isn't worth it to me and I don't want to do it. Fortunately, I feel that at least so far I've been able to strike a solid balance – certainly there are crunch times at work, and other times I leave the office before I'm ready so that I can be there for my husband or kids – but it's working out and I am reasonably content that I'm not sacrificing too much on either side to make it work. I didn't get this advice directly from any one person, I think I built this philosophy and perspective from observing many of my peers and mentors – some who appeared to similarly value health balance and served as positive role models and others who seemed to struggle a bit more in either setting boundaries either at work or at home. I've tried to learn from what I observe in others and the pushes and pulls I feel within myself and build a system that gets the work done on time while leaving plenty of energy and space for personal and family time. I am also militant about being honest with my colleagues about my full life, I talk about my kids and am honest when I need to make scheduling accommodations like avoiding a 8:00AM meeting so that I can drop my kids off at school. The pandemic opened up an era where we were honest about our humanity in the workplace, I hope we keep some of that openness as we establish the new normal going forward.

If you could collaborate with anyone, who would it be? Why?

Oh man – this is a loaded question! I have a lot of phenomenal collaborators already and I enjoy working with all of them so much. I guess in terms of new directions, right now at least I'd have to say the Mass Spectrometry Imaging folks have my attention and excitement. Peggi Angel, Jeff Spraggins, Nathalie Agar, and all the other excellent scientists pushing the limits of technology in this area. I've dabbled in a bit of targeted proteomic spatial imaging and I'm hooked. I think it would really improve my biological understanding of the cardiovascular models I work with, and I'd love to expand my technological reach into this realm.

Fun fact that people probably don't know about you!

I started my scientific life wanting to be a Sports Psychologist, partly because I was also a pretty successful competitive speedskater back in the day (thus the many, many years in Milwaukee Wisconsin near the Pettit National Ice Center) but I was also a total head case. I majored in Kinesiology and fell head over heels in love with the concepts and practices I learned from my Sports Psychology “101” class. I learned to identify the forces that I have control over, and the forces that I can’t control. I learned to manage both cases to minimize anxiety and open up a quiet space in my head to perform. When it was time to leave competitive sports and dive full force into my graduate training, so many of those skills and concepts have served me very well. I’m not sure I would have been a great counselor of others, but the psychology of human performance still fascinates me and I try to apply what I remember from my studies in my mentoring of others in my lab now.

What’s a project you’re working on right now? Why is it meaningful to you?

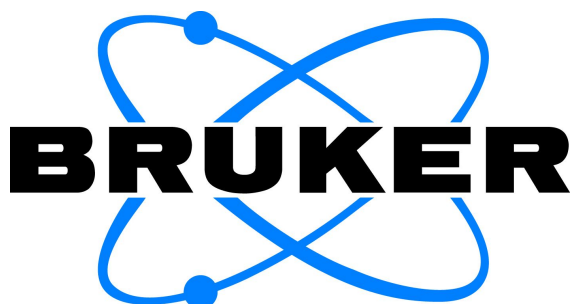
One of my most exciting projects is building off of the phenomenal work of Nikolai Slavov, Ryan Kelly, Ben Orsburn, Bogdan Budnik and so many others to adapt our proteomic workflows to single-cell scale, and use this platform to strengthen our understanding of aortic disease. We still don’t have a drug to stop the remodeling and pathological changes that cause aneurysm and the weakening that leads to dissections, and more and more evidence is pointing toward extensive heterogeneity among the cell types that are present in the aorta, and there appear to be some characteristic compositional changes that are really strongly linked with pathology. I hope that with single-cell profiling we will generate new hypotheses for the drivers of shifting phenotypes during aneurysmal disease that lead to new therapeutic avenues. Efforts so far with bulk proteomics haven’t gotten us where we need to be, so I’m really excited about the new insights that single-cell brings to the table and it’s also just really cool and fun to be working with something at the bleeding edge of the field!

Describe what a perfect day outside of work would look like for you?

We’re serious ‘glampers’ and love to take our three boys and 2 1/2 dogs* out on RV adventures near and far. The best trips have been when we stray from the beaten path and ‘rough it’ on Bureau of Land Management land and have to actually keep a close eye on all our tanks and supplies. That being said, more often we pick a cushy RV park with great kid friendly activities built in and enjoy lots of fishing and hiking with our kids. Getting outside and into the mountains almost always makes for a perfect day for me! *the ½ dog refers to our occasional fosters that we take in from the Southern California Weimaraner Rescue, a generally rewarding if not sometimes hilariously chaotic hobby



Thank You to Our 2023 Major Sponsors



FOLLOW US ON TWITTER | @US_HUPO

If you no longer wish to receive these emails, you can [unsubscribe](#) at any time.

US HUPO

1300 SE Stark Street, Suite 307

Portland, OR 97214, USA

505.989.4876

www.ushupo.org; | office@ushupo.org

[Unsubscribe](#)