

US HUPO

from genes to function

US HUPO'S QUARTERLY NEWSLETTER
TRANSLATIONAL



Birgit Schilling, PhD
President

Upcoming Dates

October 13:
US HUPO Proteomics
Data Repositories Panel

October 14:
Association Award
Application Deadline

October 14:
US HUPO Twitter Rep
Application Deadline

November 4:
US HUPO 2023 Abstract
Submission and
Registration Deadline

MESSAGE FROM THE PRESIDENT

October 2022

Dear US HUPO members,

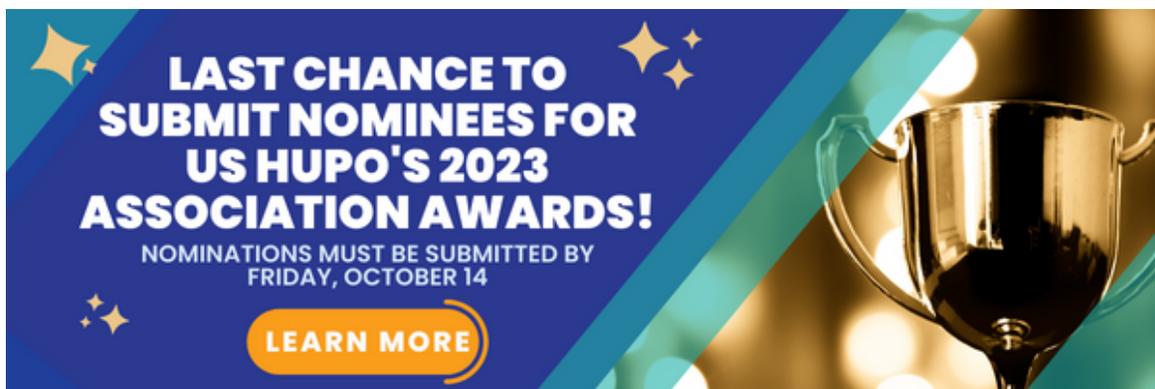
We are excited to have the [registration](#) for our next annual US HUPO conference in Chicago, March 4-8, 2023. Multiple exciting, educational short-courses will be offered, including a new Spatial Omics and MS Imaging short-course, and a data-independent acquisition, DIA short-course (all courses will be held 'in person'). Stay tuned for our new and coming **podcast** titled '**The Road to Chicago**' spearheaded by Ben Orsburn and Ben Neely who will interview some of our featured and invited speakers for Chicago 2023! Get to know some of our speakers, their background and the exciting science that they will present at our annual conference (8 podcasts to come before March 2023).

Please continue to monitor our virtual **US HUPO Global Campus** - plus 'up and coming events at <https://www.ushupo.org/Webinars>, with the latest recorded webinars, such as **New Frontiers in Spatial Omics** (MS Imaging group), **From Idea to Startup** (ECR committee), and the upcoming **Proteomics Data Repositories Panel** (VMO committee). If you like to get involved in any of our many activities within US HUPO during the year or at our annual conference, please email me directly or our US HUPO office at office@ushupo.org.



Birgit Schilling
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US HUPO NEWS



**LAST CHANCE TO
SUBMIT NOMINEES FOR
US HUPO'S 2023
ASSOCIATION AWARDS!**

NOMINATIONS MUST BE SUBMITTED BY
FRIDAY, OCTOBER 14

[LEARN MORE](#)

The banner features a blue background with gold stars and a large, shiny gold trophy on the right side.

The Benefits of Membership...



A blue graphic with four icons and their corresponding benefits:

-  Professional Networking
-  Professional Development
-  Cutting-Edge Research
-  Omics Excellence Awards

At the bottom, there are partially visible icons for 'Career Building Programs' and 'Networking Events'.

 Career Building Resources
  Interdisciplinary Research

 Technology & Instrumentation
  Educational Programming

 Mentoring Relationships

EVENTS



Meet Our Parallel Session Speakers

Click here to view the full list of speakers presenting at US HUPO 2023!












EDUCATION



Announcing!

**US HUPO
Proteomics Data
Repositories Panel**

A Webinar hosted by the VMO Committee

REGISTER HERE

THU MAR 04 10:00 AM

Thursday, October 13, 2022

10:00 - 11:30 am PST | 1:00 - 2:30 pm EST

With the volume of mass spectrometry (MS) proteomics data growing both per experiment and in total across the community, the use of data repositories has become an essential part of any MS proteomics project. **In this US HUPO Global Campus event, we invite the creators of large public data commons to introduce us to the uses and users of their repositories, discuss the interaction between their data “contributors” and data “consumers”, and to field Q&A from the audience about their repositories.**

This session will be a 90-minute Zoom webinar, to include a 3 minute “lightning” talk by each panelist introducing their data repository, including perceived use case/use base, followed by Q & A from the moderator and audience.



Presented By

Nuno Bandeira <i>Associate Professor</i> Skaggs School of Pharmacy and Pharmaceutical Sciences	Meena Choi <i>Senior Bioinformatics Scientist</i> Genentech	Karen Ketchum <i>Vice President, Data Analytics</i> ICF
Yasset Perez-Riverol <i>Proteomics Team Coordinator</i> EMBL's European Bioinformatics Institute	Bing Zhang <i>Professor of Molecular and Human Genetics</i> Baylor College of Medicine	Keith Bradford <i>Scientific Technical Account Manager</i> LabKey
Moderated By Lindsay Pino <i>Co-Founder</i> Talus Bio		

FEATURED JOBS

Tenure-Track Assistant or Associate Professor

RFUMS/Chicago Medical School

View the Job Posting [Here](#)

Posted: 10/6/22

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

MEMBER SPOTLIGHT



Ben Neely
*US HUPO VMO Chair
Research Chemist at the National
Institute of Standards and Technology*

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

"It is possible to build a digital catchment of whatever dream team you want. You aren't alone, even if you are physically alone." paraphrased advice from Jonas Almeida (now NCI) during my first gig after post-doc. I am so lucky to have the ultimate digital group of colleagues.

As for overarching career advice, I think the rules I live by stem from the idea of a holistic approach to a career focused on sustainable and impactful decisions. Sustainable in the sense that the pay and time of your career should not exhaust you or your resources (both your institute's monetary resources and your personal mental and time resources). Impactful is obvious, but as a scientist especially, it is important to want to make an impact not just be a spectator. These two ideas have to work with your life as well. For me, I found location and quality of life were critical, so I had to make career choices that fit within those limitations.

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

I adore my current collaborators and honestly wouldn't change anything. It seems that as a group we can do anything, and we know each other well enough so that work is comfortable, efficient, and always fun. That said, there are a handful of companies using biomimicry and non-model organisms (the stuff I love) to drive drug discovery, like Fauna Bio and Arcadia Science, and working more closely with those companies is my current aspiration. But I could just as easily be helping rewilding efforts with the Smithsonian Institute.

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

I was on UGA's team that won the 2003 Southeastern Soil Judging Contest (Go Dawgs!). Also, I have a flock of chickens and ducks on my "nanofarm".

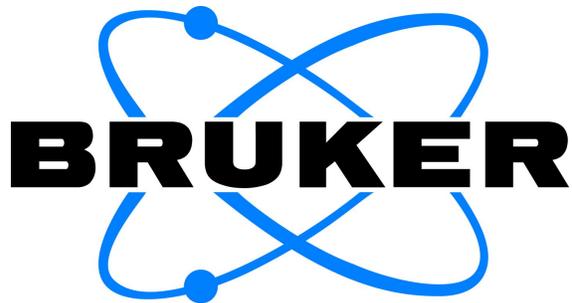
What's a project you're working on right now? Why is it meaningful to you?

As boring as it may sound, my favorite projects (not necessarily the biggest) center around the idea of the unknown proteins in samples. This could be identifying an unknown species (proteomics forensics), cataloging the complete species and functional makeup of a sample (metaproteomics), or using proteomics-based molecular phylogeny to identify sub-populations of a species. I have found I enjoy proteomics applications, and these specific applications draw on the unique capabilities of mass spec-based proteomics, which can agnostically generate data from nearly any sample type. On top of that, some of the new machine learning advances in proteomics may open the door to performing these analyses on low-end robust mass spectrometers. But really, the people working on these applications are great colleagues, so again, fun projects.

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

I live at the beach so it has to involve the beach and my family (wife and 3 kids). Starting with a dawn patrol surf with a friend, then having the family meet up later, and maybe grabbing a bite to eat. In Charleston you always run into friends, so going and grabbing some beers on a patio somewhere, then maybe finishing it off back at the beach.

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