Society for Science at User Research Facilities
September 2022
Board of Directors Nominees

There are two (2) seats up for election. Voting will take place online through October 17, 2022.

Nominees (in alphabetical order)
- Eva Campo
- Linda Isakson
- Abram Ledbetter
- Hank Loescher
- Don Medley
- Harvey Newman

Nominees could be nominated by another person or self-nominate. In addition to their biographies this includes the answer submitted to the question “Tell us why you (or this nominee) would make a great board candidate.”

For more information on the election please contact Dan Powers, SSURF Executive Director at dan.powers@ssurf.org
Eva Campo

Eva earned her MS in Theoretical Physics from the Universidad Complutense in Madrid and her PhD in Materials Science and Engineering from Lehigh University in Pennsylvania.

Eva’s commitment to science and education for a better world prompted her to participate in numerous committees within professional societies such as MRS, SPIE, and OSA (now Optica), and ultimately to serve as a Program Director in the Division of Materials Research (DMR) at the National Science Foundation. In her role as Program Director, Eva led the DMR Data Working Group and championed the Materials Research Data Alliance, which aims to solidify and integrate data repositories for materials research in order to advance the goals of the Materials Genome Initiative.

The establishment of CampoStella R+C is how Eva is leveraging all of her career experience, affiliations and relationships to resource the research data revolution that absolutely needs to be at the helm in order to break new ground and create transformation worldwide. This is why CampoStella R+C’s services are focused on providing the resources that will develop and cement open data policies and practices that facilitate interdisciplinary research, enable discoveries at the intersections of disparate data assets, build diversity, create a circular economy and minimize the opportunity gap among researchers.

Eva serves as ambassador to RDA-US and GO-FAIR.

Why Would Eva be a Great Board Member?

Nominated by: Laurel Haak, Founding Executive Director of ORCID

Eva is a subject matter expert in areas of material science including soft matter, graphene, and wide-bandgap semiconductors. She has served as a Program Director in the Division of Materials Research at the National Science Foundation (2017-2020) and is affiliated with the Brookhaven National Laboratory (2011-present). In addition, in 2012 Eva established the multi-institution the Laboratory for Matter Dynamics research laboratory that spans Bangor University (UK), University of Texas at San Antonio (US), and national laboratories (US), where she pioneered the spectroscopic study of interface bonding dynamics and leads initiatives involving the use of large- scale facilities involving synchrotron science, advanced microscopy, fabrication, and high-performance computing.
Linda Isakson

Linda Isakson is a communications, public relations, and outreach professional with over 20 years of public service. She started her career in state and local environmental compliance and eventually made her way into the government-funded national laboratory system. Isakson is currently the communications manager for the Department of Energy, Office of Science, Environmental Molecular Sciences Laboratory (EMSL). In this position she advocates for the importance of user facilities in driving scientific innovation, implements projects that outreach to new facility users, and educates users on how to best leverage the resources user facilities have to offer individual researchers and research teams. Isakson has a M.S. in Ecology from University of Michigan and a M.P.A. from the Evergreen State College.

Why Would Linda be a Great Board Member?

Nominated by: Douglas Mans, Director of the Environmental Molecular Sciences Division, Pacific Northwest National Laboratory

(Answer provided by Linda)

I have worked as the Communications Manager at EMSL for just over 4 years and have become quite passionate in my advocacy for user facilities and users, in general. I can bring to the SSURF Board my background and expertise in strategic communications and outreach.

I see user facilities as:
* a critical tool in multi-disciplinary science that drives a healthier and more secure future for society,
* as a way to diversify the research community by providing a broadening spectrum of scientists the opportunity to accelerate their inquiries, and
* as a powerful advocacy platform to discuss and share best research and procedural practices with other user facilities and research laboratories, in general.

Serving on SSURF’s board would be an incredible opportunity for me to share the knowledge and insight I’ve gained at EMSL, deepen connections with other user facilities, help SSURF amplify their message across the research community, and help me gain a greater understanding and appreciation for the diverse types of user facilities.
Dr. Abram Ledbetter is a Diversity, Equity and Inclusion (DEI) Specialist and Research Fellow at Brookhaven National Laboratory (BNL). His current role aims to leverage the perspective and experience of a scientist towards development and management of DEI programs apropos for a scientific community, and provides time allocation for pursuit of research interests. Abram has several years of experience as a user of the Center for Functional Nanomaterials (CFN) and the National Synchrotron Light Source II (NSLS-II) and has consistently promoted broadened participation of both facilities at BNL. As the 2020-2021 CFN User Executive Committee Chair, and as committee member several years prior to, he represented the facility concerns and needs of the CFN user community. Outside of work, Abram serves as a member of the International Organizing Committee for the African Light Source Foundation. He enjoys mentoring STEM-leaning high school and college students. His research interests include energy materials and diffractive optics.

Why Would Abram be a Great Board Member?

I have several vantage points that are useful to the conversation: 1) became a user as a grad student, 2) continued as a user during postdoc and now beyond, 3) represent a small, underrepresented minority constituency, and 4) served as Vice Chair and Chair of the CFN User Executive Committee. Lastly, I’m passionate about finding ways to make our tremendous facilities more relevant, engaging and accessible to all communities that can benefit.
Hank Loescher

Dr. Hank Loescher is currently directing Battelle’s strategic development efforts for Environmental Research Infrastructures. Hank’s career has been at the nexus of science, engineering and project development of research facilities. He has a PhD and MSc is from the University of Florida in Ecosystem Ecology and holds undergraduate degrees from SUNY and the Vermont State College. At Oregon State University, he administrated the DOE AmeriFlux program, a DOE research infrastructure that had over 120 observational sites spanning the entire US. He was the second hire for the National Ecological Observatory Network (NEON), a first-of-its continental- scale major research facility in ecology and has lead numerous NEON Science and Development Teams i.e., National Continental Design, Instruments, Mobile Platforms, and Aquatic teams.

Building NEON and other research facilities has also training of underserved groups in the use of data from national facilities and in the management of these facilities. He establishes international research opportunities for US scientists and facility collaborations. For example, working closely with the G7 Group of Senior Officials on Research Infrastructures (GSO) and best practices, he develops synergistic and value-added activities onto and among user facilities that includes federation of large-scale Research Infrastructures globally, i.e., the Global Ecosystem Research Infrastructure (GERI)

He is an (current and past) Advisor for several national and international user facilities. Hank continues to work with new emergent research communities in the design and resourcing of several new US-based user facilities (i.e., university partners, private sector, Smithsonian Institute). Hank’s research interests include determining the biotic and abiotic controls on ecosystem-level carbon and energy balance across spatial and temporal scales, with >70 publications and he continues to be an active member in the global biogeochemistry research community and user-facility development.

Why Would Hank be a Great Board Member?

*Nominated by Gene Kelly, Professor and Deputy Director, Colorado Agricultural Experiment Station, Colorado State University*

Hank was a developer and designer of the observatory - has worked in other areas of scientific infrastructure and knows how to get the community to use these great resources - I was on the SSURF board - always thought Hank was a better fit.
Don Medley

Don Medley recently retired as the Executive Director for Government and Community Relations at Lawrence Berkeley National Laboratory. In addition to his work at Berkeley Lab, Don’s career has kept him at the intersection of science, technology, policymaking, and funding. After receiving a Master of Arts in Law and Diplomacy at the Fletcher School of Law and Diplomacy, Don spent several years in Washington. First working for U.S. Congressman Tom Bevill (AL) until the congressman retired and then for U.S. Rep. Ed Pastor (AZ). Congressman Bevill was Chairman of the House Energy and Water Development Appropriations Subcommittee which funds the DOE Office of Science, including the majority of the nation's large scale scientific user facilities. Working for Congressman Bevill, Don was lucky to work closely with the appropriations subcommittee with whom he learned the ins and outs of the federal appropriations process and the great benefit to the nation of the Office of Science and user facilities. Rep. Pastor also served on the Committee. Between Don's time on Capitol Hill and Berkeley Lab, he worked for a major software industry association and a well known accounting and taxware software company.

**Why Would Don be a Great Board Member?**

*Nominated by: Mike Witherell, Director, Lawrence Berkeley National Laboratory*

With almost twenty years of experience working intimately with Berkeley Lab and other national laboratories' user facilities, Don would bring to the SSURF Board a broad and unique perspective and a deep knowledge of how scientific user facilities operate, their value to the nation, and the policy and funding environment in which they exist. From educating key policymakers within Congress and the Administration about user facilities, to working with the Department of Energy to ensure more transparency and consistency in the public reporting of user data and statistics, Don has been an active and effective supporter of user facilities. I strongly believe that he would be a great asset to the Board, to SSURF, and to America's scientific user facilities community.
Harvey Newman

Harvey Newman (Sc. D, MIT 1974), the Marvin L. Goldberger Professor of Physics at Caltech, has been a faculty member since 1982. He was one of the founders of the US LHC Users Organization in 2007, and has chaired the Executive Committee of the US LHC Users Association since 2013. In 1973-4 he co-led the team that discovered the fourth quark flavor known as “charm”. He co-led the MARK J Collaboration that discovered the gluon, the carrier of the strong force in 1979. Since 1994 has been a member of CMS experiment at the Large Hadron Collider at CERN that discovered the Higgs boson at the LHC in 2012, and is now searching for additional Higgs particles, supersymmetry, extra dimensions, and other exotic new particles and forces. He also led the MINOS and NOvA teams at Caltech studying neutrino oscillations in 2004-11.

Newman has had a leading role in originating, developing and operating state of the art international networks and collaborative systems serving the high energy physics community since 1982. He served on the IETF and the Technical Advisory Group that led to the NSFNet in 1985-6. He originated the worldwide LHC Computing Model in 1996. Between 1985 and 2015 he and his team developed and operated the US LHCNet transatlantic network serving the high energy physics community. He has led science and network engineering teams that have developed state of the art long distance data intensive applications transfers, and as chair of the ICFA Standing Committee on Regional Connectivity he has worked on digital divide issues in many countries since 2002.

In 2019, he joined the Global Network Advancement Group Leadership Team and in 2020 founded the Data Intensive Sciences Working Group. He and the Caltech HEP and campus network teams are currently developing next generation Internet architectures and global software-defined networked systems with many university, laboratory, research and education network and corporate partners.

Why Would Harvey be a Great Board Member?

I am the founder and Chair of the Executive Committee of the United States Large Hadron Collider Users Association and have been one of the leaders on the annual visit of the US HEP community to visit members of Congress, the funding agencies and OMB and OSTP since 2009.