

# The NERSC User Group Executive Committee (NUGEX)



Steve Leak, NERSC User Engagement

# What is NUGEX?

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## NUG EXECUTIVE COMMITTEE (NUGEX)

NUGEX is the voice of the user community to NERSC and DOE. While all NUG events are open to all NERSC users, NUGEX members regularly participate in the monthly teleconferences and the annual face-to-face meeting. NUGEX is consulted on many NERSC policy issues, e.g., batch configurations, disk quotas, services and training offerings. Members of NUGEX also help evaluate nominations for the NERSC Achievement Awards and submissions to the NERSC High Impact Science at Scale program. NUGEX members serve for three year terms.

NUGEX works with NERSC to help ensure that users' needs and interests are not overlooked, and to increase the benefit that NERSC users get from NUG

# How does NUGEX work?

- NUGEX meets for 30-60 minutes each month for updates and working sessions to, eg, identify and implement beneficial NUG activities (eg this annual meeting)
- NUGEX members serve on the committee for 2 or 3 years
- NUGEX has around 20 active members at any time
- Each year 6-7 members retire and 6-7 new members join the executive committee
  - balancing continuity with fresh perspectives, and ensuring a bounded commitment

# How are NUGEX members selected?

Each year we ask for volunteers and nominations for the NERSC user community (usually around August), to serve for the following year

NERSC selects nominees with a goal of having wide representation across science domains, career stages, role and usage (eg PI / team member / runs jobs / analyses data /etc), gender and background

# Current NUGEX members

See also

<https://www.nersc.gov/users/NUG/NUGEX/>

NUGEX Chair for 2022: Pieter Maris

NUGEX Vice-Chair for 2022: Alicia Clum

## Current Members

Name	Institution Email Address	DOE Office	Term Expires	PI's Project Title
Sayan Ghosh	PNNL	ASCR	Dec 2023	ExaGraph: Graph and Combinatorial Methods for Enabling Exascale Applications
Sarat Sreepathi	Oak Ridge National Lab		Dec 2023	Energy Exascale Earth System Modeling (E3SM)
Alicia Clum	Joint Genome Institute	BER	Dec 2022	Joint Genome Institute's Fungal Program (Assembly)
Forrest Hoffman	Oak Ridge National Lab		Dec 2022	Reducing Uncertainties in Biogeochemical Interactions through Synthesis and Computation (RUBISCO)
Koichi Sakaguchi	PNNL		Dec 2023	Water Cycle and Climate Extremes Modeling (WACCME)
Alexander Dunn	Berkeley Lab	BES	Dec 2022	Data mining discovery of thermoelectrics and inverse band structure design principles
Matthew Horton	Berkeley Lab		Dec 2023	The Materials Genome
Ramesh Batakrishnan	Argonne National Lab		Dec 2023	Exascale Proxy Application Project
Claire Saunders	California Institute of Technology		Dec 2024	Computation of Vibrational and Electronic Excitations in Materials
Nannan Shan	Argonne National Lab		Dec 2024	
Alexander Rakowski	Berkeley Lab		Dec 2024	National Center for Electron Microscopy Hub
Emily Belli	General Atomics	FES	Dec 2024	Plasma Edge Simulation Laboratory
John Wright	MIT		Dec 2023	Analysis for the SPARC magnetic fusion experiment
Dirk Hufnagel	Fermi National Accelerator Laboratory	HEP	Dec 2024	Particle Physics with CMS at the LHC
Krish Desai	UCB		Dec 2024	Machine Learning for Classification, Regression, Generation, and Anomaly Detection in Jet Physics
Balint Joo	Jefferson Lab	NP	Dec 2020	Resonance Properties in the Decay Signatures of Exotic Mesons from Quantum Chromodynamics
Alexei Bazavov	Michigan State University		Dec 2024	QCD Thermodynamics at High Temperature
David Lawrence	Jefferson Lab		Dec 2022	Analysis and Simulation for the GlueX Detector
Rob Egan	Joint Genome Institute	At Large	Dec 2022	Joint Genome Institute - Production Sequencing and Genomics
Jerry Jenkins	Hudson/Alpha Institute for Biotechnology		Dec 2022	Joint Genome Institute - Production Sequencing and Genomics
Pieter Maris	Iowa State University pmaris@iastate.edu		Dec 2024	Structure and Reactions of Hadrons and Nuclei
Angelo Rossi	University of Connecticut		Dec 2022	The Intersection Between Theory and Experiment: Computational Chemistry Workshops and Courses

# Members retiring from NUGEX after 2022

We would like to thank the following people for their contributions over the last 2 and 3 years:

Alicia Clum - Joint Genome Institute - also NUGEX vice-chair

Forrest Hoffman - Oak Ridge National Lab

David Lawrence - Jefferson Lab

Rob Egan - Joint Genome Institute

Jerry Jenkins - Hudson/Alpha Institute for Biotechnology

Angelo Rossi - University of Connecticut

Alexander Dunn - Berkeley Lab



# NUGEX members continuing to serve in 2023

We would like to thank the following people for their contributions in 2022 (and before), and their continued contribution in 2023:

Pieter Maris - Iowa State University - also NUGEX chair

Sayan Ghosh - Pacific Northwest National Lab

Sarat Sreepathi - Oak Ridge National Lab

Koichi Sakaguchi - Pacific Northwest National Lab

Matthew Horton - Lawrence Berkeley National Lab

Ramesh Balakrishnan - Argonne National Lab

John Wright - MIT

Claire Saunders - California Institute of Technology

Dirk Hufnagel - Fermi National Accelerator Lab

Nannan Shan - Argonne National Lab

Emily Belli - General Atomics

Alexander Rakowski - Lawrence Berkeley National Lab

Alexei Bazavov - Michigan State University

Krish Desai - University of California at Berkeley

# Incoming NUGEX members for 2023

We would like to thank the following people for their willingness to contribute, and to welcome them to the NUGEX committee in 2023:

Andreas Adelman - Paul Scherrer Institut

David Trebotich - Lawrence Berkeley National Lab

Kursat Kara - Oklahoma State University

Ted Kisner - Lawrence Berkeley National Lab

Saba Sehrish - Fermi National Accelerator Lab

Jean Luca Bez - Lawrence Berkeley National Lab



