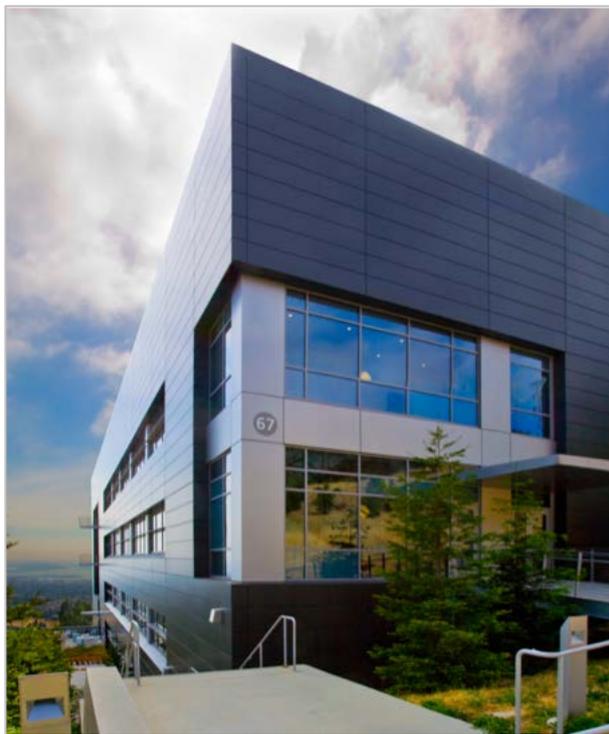


# Molecular Foundry Cross-Facility Programs

Alison Hatt, User Program Director

NUFO Meeting, April 2015

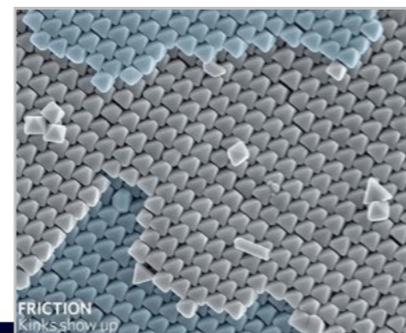
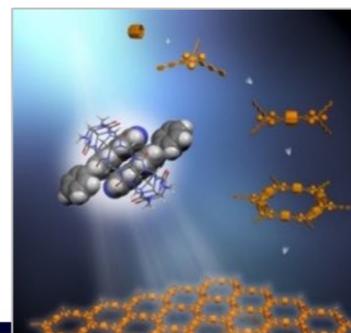
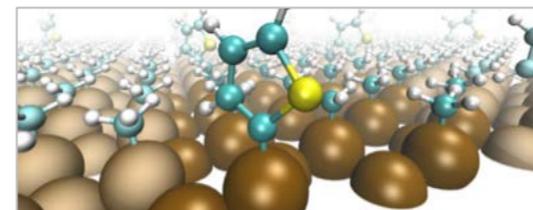
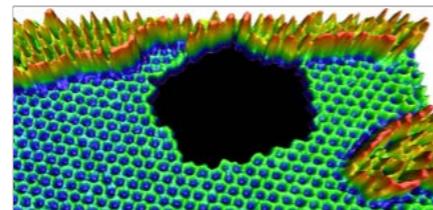
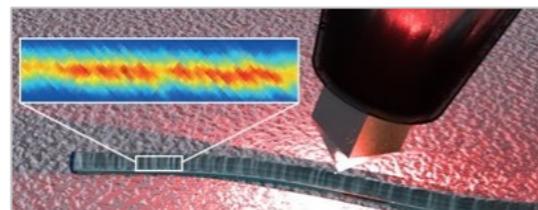
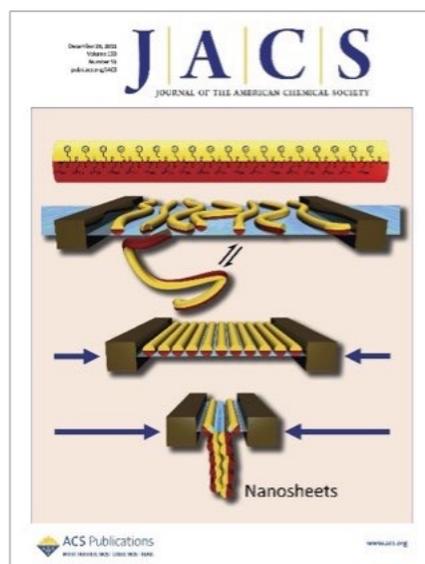




AT BERKELEY LAB

## A Multidisciplinary Knowledge-Based User Facility for Nanoscale Science

- **Knowledge-based user facility** that provides state-of-the-art expertise, methods, and instrumentation in nanoscale science in a safe environment
- **Multidisciplinary research center** at the forefront of nanoscale science co-located with other major DOE facilities (ALS, NERSC)



# Coordinated User Access Between the Molecular Foundry and Advanced Light Source

**Molecular Foundry Proposal System** 

Home Add a Proposal My Account Sign Out

- Proposal Overview
- Project Leader
- Primary Researcher
- Co-Researcher(s)
- Significance and Impact
- Project Plan
- Relevant Experience
- Need for Foundry
- Foundry Facilities
- Other LBNL Facilities**
- Attachments
- Safety
- Contracts Contact
- Conflicts Of Interest
- Prior Proposals
- Foundry Publications
- Final Review

### Other LBNL Facilities

<< Previous Save Next >>

ALS - Advanced Light Source

**Please Note:**

- This is a request for use of one or more currently available specific beamlines as well as the associated technical scientist support from the Advanced Light Source.

If you have an existing approved ALS proposal number, please enter it here:

Do you plan to submit a separate proposal to ALS for this work?

No

Provide a brief technical description of what work you intend to perform at the ALS. (typically 200 - 400 words)

Only certain specific beamlines are available for requested work. Please note that this is only a REQUEST for beamline time and is not a guarantee of access to ALS, even if your main proposal submitted to TMF is accepted there:

Please select a requested beamline for your work: -- SELECT --

How many shifts are requested? -- SELECT --

Who is your primary ALS contact for this proposal (optional)

Why is this specific beamline required.

- Foundry users can request ALS beam time
- ALS users can request Foundry access
- Recently renewed MOU
- Access requested at proposal submission

## Challenges

- Reviewing feasibility of requests
- Facilitating access



# Facilitating Foundry User Access to ALS SAXS-WAXS Beamline

- Small-angle/wide-angle x-ray scattering at ALS will be available to Foundry staff and users
- Access via Approved Program
- Facilitated by joint Foundry/ALS Project Scientist

## Anticipated Challenges

- Outreach/awareness
- Managing sample & data transfer



# Partnering with the National Energy Research Scientific Computing Center and ESnet

- Foundry users can access NERSC via Foundry Theory Facility annual allocation
- Data support for Foundry's electron microscopy center

## Challenges

- Need support for labor to create specialized front-end to manage Foundry user data

