About the Institute

Under the direction of Patrick Stayton, the Molecular Engineering and Sciences (MoIES) Institute will bring together faculty from across the UW to catalyze translational molecular engineering research and education in the CleanTech and BioTech areas. The Institute will serve as a bridge between colleges and departments, strengthen connections with local industry experts, and provide an organizing structure for other major centers and institutes on campus.

The Molecular Engineering and Sciences Building will be home to an evolving and dynamic group of researchers and centers, and will house a dedicated molecular and nanotechnology instrumentation lab. Located within the engineering and science core of campus, the building is ideally situated to catalyze the cross-departmental research and educational collaborations necessary for building an interdisciplinary research program in this field.

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The MoIES Institute is more than a building, however - it is a growing community of interdisciplinary researchers motivated to address challenges in sustainable energy and materials as well as medical therapeutics and diagnostics. By integrating directed basic science research with an engineering focus, the Institute will have a strong mechanism for translational development.

The Institute will also create and coordinate new interdisciplinary education programs for undergraduate and graduate students. Drawing on the expertise of multiple departments, these programs will teach students the fundamental aspects of molecular-level engineering through core courses and top-notch research opportunities.
Institute Goals & Priorities:

- Bring together faulty clusters in relevant research areas
- Pilot fund and catalyze new multi-investigator projects
- Partner with departments on faculty recruitments
- Build new and coordinate existing education programs
- Provide space and matching investments to build new multidisciplinary centers
- Serve as a unifying organization to coordinate and synergize new and existing research centers
- Foster connections and collaboration with experts from local industry

Institute Kickoff Events

Though the Institute will be active throughout the 2011-2012 year, the opening of the Molecular Engineering Building will mark the official launch of the Institute. We will be commemorating this exciting moment in the UW's history with a number of academic and social events during the summer and fall of 2012, including a research symposium, molecular engineering-themed lecture series, and building opening ceremony.

Check the MoIES Institute web site (http://depts.washington.edu/moleng) for details.

Join the Institute!

Become a member of the Institute and begin connecting with other UW researchers in the molecular engineering and sciences. Other benefits of joining the Institute include:

- Access to a new cadre of interdisciplinary MoIES graduate students
- Potential space and matching grants to back large center initiatives
- Opportunities to meet and connect across disciplines with others in your research area at the UW
- Seminar series open to faculty nominations for speakers
- Invitations to regular institute meetings and social networking events with industry and the UW community
- Access to MoIES Building facilities and Molecular Analysis Lab
- Directory listing on the Molecular Engineering & Sciences web site
- Membership in the Biopharma Corporate Affiliates Program
- Web site design, photos, and consultation

Interested? Joining is free, so just let us know that you’re interested and we’ll add you to our mailing list and include you in future Institute initiatives and events. Please provide your contact info at http://depts.washington.edu/moleng/membership.