

ORGANIC CHEMISTRY AT UCLA

A rich program in all areas of organic chemistry, with excellence in materials, molecular devices and chemical biology. The NSF, NIH and State of California support institutes and training grants that maximize interactions among chemists and scientists, engineers and federal and industrial laboratories.

**MATERIALS
AND
DEVICES**

**SYNTHESIS
AND
SELF-ASSEMBLY**

**THEORY
AND
COMPUTATION**

**EXOTIC
MATERIALS
INSTITUTE**

**CHEMICAL
BIOLOGY**

**NSF-IGERT
MATERIALS
CREATION
TRAINING
PROGRAM**

**NIH
CHEMISTRY-
BIOLOGY
INTERFACE
TRAINING
PROGRAM**

**CALIFORNIA
NANO SYSTEMS
INSTITUTE**

**ORGANIC
FACULTY**



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INNOVATIONS IN EDUCATION

ORGANIC CHEMISTRY AT UCLA

- a community of chemists discovering and creating on the frontiers of chemical knowledge
- training the future leaders of chemical research and education
- designing and synthesizing molecular machines and devices
- creating and characterizing exotic organic, inorganic and macromolecular materials
- exploring new synthetic methods and strategies
- performing the total synthesis of natural products and pharmaceuticals
- unraveling the chemical processes of life
- exploring the molecular mechanisms of biology
- creating theories to understand chemical reactivity
- applying computational methods to simulate materials properties and the chemistry of biology

For more information, see <http://www.chem.ucla.edu/research/org>