Examples of where our undergraduates are today.....

Doing undergraduate research can help a student advance his or her career, and here are some examples.

Alanna Schepartz (BS, 1982) -- Milton Harris '29 Ph.D. Professor of Chemistry, Yale University. Elected Member, National Academy of Sciences, 2014.

Matthew S. Platz (BS, 1973) -- vice chancellor for academic affairs at the University of Hawai‘i at Hilo. Former director of the division of chemistry of the National Science Foundation.

Vicki H. Grassian (BS, 1981) -- F. Wendell Miller Professor of Chemistry, University of Iowa. Director, Nanoscience and Nanotechnology Institute at UI

Leslie Sultan (BS, 1980) -- DMD, DDS. Dr. Sultan has been in private practice Sultan Center for Oral Facial Surgery in Fort Lauderdale, Florida.

Omar M. Yaghi (BS, 1985) -- James and Neeltje Tretter Professor of Chemistry. A Co-Director of the Kavli Energy NanoSciences Institute of the University of California, Berkeley and the Lawrence Berkeley National Lab.

Steven K. Pollack (BS) -- Director of FDA’s Office of Science and Engineering Laboratories (OSEL) at FDA’s Center for Devices and Radiological Health.

Robert Berkenblit (BS, 1986) -- MD. Associate Professor of Clinical Radiology, Department of Radiology (Body MR and CT Imaging) and Montefiore Medical Center in New York City.

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**Chemistry Awards**

for Undergraduate Students

**Shelton Bank Prize for Excellence in Chemistry** ($1,000). This award is to recognize and support an undergraduate with distinction, preferably junior, who is engaging in research with a member of the faculty in Chemistry.

**Chemistry Faculty Award** ($200). This award is given to a graduating chemistry major for demonstrated high scholastic standing, good character and potential for advancement in the chemical profession.

**Derk V. Tieszen Award** ($200). This award goes to a Chemistry senior on the basis of demonstrated achievement in chemistry, physics, and mathematics plus potential as a research worker and teacher of chemistry at an advanced level.

**Bazzoni Award** ($1,000). The Bazzoni Fellowship is presented annually to an undergraduate researcher in the natural sciences. Nominees must demonstrate evidence of motivation or interest in his or her field of study that clearly goes beyond mere coursework.

**Chemistry Scholar – General Chemistry** ($2,000). This award is to support an undergraduate majoring Chemistry in his/her study of General Chemistry with an outstanding academic record.

**Chemistry Scholar – Organic Chemistry award** ($2,000). This award is given to a full-time undergraduate majoring in Chemistry who is completing Organic Chemistry II with an outstanding academic record.

**Dr. Herbert S. and Mrs. Inez W. Bailey ’36 Scholarship** ($1,000). This honor recognizes an undergraduate with high achievement in several disciplines in the natural sciences and mathematics.

**Presidential Undergraduate Research Award** ($100). This honor recognizes high quality undergraduate research and scholarship.
Undergraduate Research in Chemistry

An important component of the undergraduate education in Chemistry is the opportunity for students to engage with a real-world research environment and carry out an undergraduate research under the guidance of a member of the faculty in Chemistry. To participate in the undergraduate research program, students must first meet a high level of academic competency. Students then meet prospective researchers in the Department to find the research project that is right for them. Doing undergraduate research allows for students to further develop analytical and critical thinking ability as well as presentation skills. Completing hands-on independent research is important not only for present program studies of our students but also for their future career development. Students who complete the program present their work at a public poster session at the Department of Chemistry.

Interested students should seek information on the website of the Department of Chemistry

www.albany.edu/chemistry/degrees.shtml

Finding a lab to do research is easy:

Step 1 - Here are the names of faculty whose research area might be of interest to you:

<table>
<thead>
<tr>
<th>Faculty Name</th>
<th>Research Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. P. Agris</td>
<td>Biophysical/Biochemical</td>
</tr>
<tr>
<td>Dr. E. Block</td>
<td>Biophysical/Biochemical</td>
</tr>
<tr>
<td>Dr. A. Chen</td>
<td>Biophysical/Biochemical, Computational</td>
</tr>
<tr>
<td>Dr. E. Dikarev</td>
<td>Biophysical/Biochemical</td>
</tr>
<tr>
<td>Dr. D. Fabris</td>
<td>Forensic/Analytical</td>
</tr>
<tr>
<td>Dr. G. Flechsig</td>
<td>Inorganic</td>
</tr>
<tr>
<td>Dr. J. Halamek</td>
<td>Organic/Medicinal</td>
</tr>
<tr>
<td>Dr. I. Lednev</td>
<td>Nanomaterials/Nanodevices</td>
</tr>
<tr>
<td>Dr. R. Musah</td>
<td>Nanomaterials/Nanodevices</td>
</tr>
<tr>
<td>Dr. L. Niu</td>
<td>Neurochemistry</td>
</tr>
<tr>
<td>Dr. J. Pande</td>
<td>Structural Biology</td>
</tr>
</tbody>
</table>

Step 2 - Check out the research sections on the Department website as well as individual faculty websites.

Step 3 - Prepare your CV

Step 4 - Make an appointment and meet a faculty member to discuss possible topics of undergraduate research.

Step 5 - Start doing your research ...

Major Research Areas

- Biophysical/Biochemical
- Computational
- Forensic/Analytical
- Inorganic
- Nanomaterials/Nanodevices
- Neurochemistry
- Organic/Medicinal
- Structural Biology

Affiliated Institutes/Centers

- The RNA Institute
- Institute for Forensic Technology Development
- Institute for Neurodegenerative Disease Research