Sol J. Lederman Undergraduate Research Fellowship

Sol J. Lederman graduated from the University of Buffalo in 1938 with a BA in chemistry. His subsequent career spanned the heyday of the chemical technology industry in the Western New York Region. Credited with numerous patents, he played a leading role in developing new processes for production of phenol and bisphenol, important building blocks in resin and polycarbonate plastics. To this day Mr. Lederman’s pioneering contributions to the field continue to be cited by scientists developing new techniques, compounds and products. His professional legacies include the licensing of his work nationally and internationally as well as roles of increasing responsibility throughout his years of service at National Aniline, Hooker Electrochemical Company and Occidental Petroleum Corporation. He retired from the Niagara Falls division of Occidental Chemical in the early 1980’s having oversight for its environmental programs.

The fellowship was created by Dr. Frank and Daphna Lederman, friends of the University at Buffalo. Dr. Frank Lederman is Mr. Sol J. Lederman’s son.

Students interested in becoming a Sol J. Lederman Research Fellow are required to submit an application consisting of the following materials:

- A one page curriculum vita (CV).
- A one page research proposal co-signed by the student mentor certifying the availability of matching funds in support of the fellowship.
- An outline summarizing the student’s long-term aspirations in the chemical sciences.
- The submission deadline is the first Monday in April.

Sol J. Lederman Research Fellows will be selected by the Chemistry Department’s Undergraduate Committee based on applications submitted by interested students. The committee will award the fellowship(s) to students who: (1) show special promise as a researcher, (2) have a commitment from a mentor to provide matching funds in support of a stipend, supplies, etc, and (3) have high promise of generating publishable results.

At the end of the fellowship period, Sol J. Lederman Research Fellows must submit a short report (3-5 page) summarizing their research activity and results.

Any publications and lectures resulting from the fellowship will acknowledge support from the Sol J. Lederman Research Endowment Fund.

2008 Recipient of the Sol. J. Lederman Undergraduate Research Fellowship

Crystal M. Lewandowski
Sol J. Lederman Undergraduate Research Fellowship

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2009 Recipient of the Sol. J. Lederman Undergraduate Research Fellowship

Matthew G. Frith
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2010 Recipient of the Sol. J. Lederman Undergraduate Research Fellowship

Jacob J. Steffen
Sol J. Lederman graduated from the University of Buffalo in 1938 with a BA in chemistry. His subsequent career spanned the heyday of the chemical technology industry in the Western New York Region. Credited with numerous patents, he played a leading role in developing new processes for production of phenol and bisphenol, important building blocks in resin and polycarbonate plastics. To this day Mr. Lederman’s pioneering contributions to the field continue to be cited by scientists developing new techniques, compounds and products. His professional legacies include the licensing of his work nationally and internationally as well as roles of increasing responsibility throughout his years of service at National Aniline, Hooker Electrochemical Company and Occidental Petroleum Corporation. He retired from the Niagara Falls division of Occidental Chemical in the early 1980’s having oversight for its environmental programs.

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2012 Recipient of the Sol. J. Lederman Undergraduate Research Fellowship

Victor A. Beaumont
Sol J. Lederman graduated from the University of Buffalo in 1938 with a BA in chemistry. His subsequent career spanned the heyday of the chemical technology industry in the Western New York Region. Credited with numerous patents, he played a leading role in developing new processes for production of phenol and bisphenol, important building blocks in resin and polycarbonate plastics. To this day Mr. Lederman’s pioneering contributions to the field continue to be cited by scientists developing new techniques, compounds and products. His professional legacies include the licensing of his work nationally and internationally as well as roles of increasing responsibility throughout his years of service at National Aniline, Hooker Electrochemical Company and Occidental Petroleum Corporation. He retired from the Niagara Falls division of Occidental Chemical in the early 1980’s having oversight for its environmental programs.

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2014 Recipient of the Sol. J. Lederman Undergraduate Research Fellowship

Shaunna M. McLeod
Sol J. Lederman Undergraduate Research Fellowship

Mr. Sol J. Lederman

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3) Have a high promise of generating publishable results

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2015 Recipient of the Sol J. Lederman Undergraduate Research Fellowship

Shawn Dormann