The Dr. Irwin Cohen
Scholarship in Chemistry

Description:
This scholarship was established in 2001 by Dr. Irwin Cohen for the purpose of encouraging and rewarding excellence in undergraduate research in chemistry. Dr. Cohen joined Youngstown College in 1949 and retired at the end of 1992. He introduced undergraduate research participation in the 1950’s.

Eligibility:
The scholarship will be awarded to a student who has demonstrated excellence before the senior year in undergraduate research participation in the department of chemistry.

Terms:
The award is a one year non-renewable scholarship to be used only for undergraduate tuition, fees, or supplementary materials.

Selection:
The award is to be made by members of the faculty of the Department of Chemistry. If you wish to be considered for this award you must find a faculty member willing to put your name forward to the selection committee. Provide the nominating faculty member your overall GPA and your GPA in your chemistry courses. The request should be made no later than January 27, 2020.
Anthony, Elizabeth & Dr. Janet E. Del Bene
Chemistry Scholarship

Description:
The Anthony, Elizabeth, and Dr. Janet E. Del Bene Chemistry Scholarship was established as a legacy gift by Dr. Janet Del Bene in honor of her Father and Mother. Anthony Del Bene was a foreman and roller at US Steel’s McDonald Works. Elizabeth was a homemaker. Dr. Del Bene received her undergraduate degrees from YSU, and her Ph.D. in Chemistry from the University of Cincinnati. Following postdoctoral fellowships at the Theoretical Chemistry Institute at the University of Wisconsin and another with Nobel Laureate Sir John A. Pople at Carnegie Mellon University, Dr. Del Bene joined the YSU chemistry faculty in 1970. She was a pioneer in carrying out high-quality research at YSU, received numerous awards and external research grants, and was nationally and internationally known, giving many lectures both here and abroad. She retired from YSU in 1999 to embark on a continuous sabbatical, still doing her research in theoretical/computational chemistry. She published more than 260 papers in refereed scientific journals.

Eligibility:
This scholarship shall be given to an outstanding chemistry major at the end of the student’s junior year, for support during the student’s senior year. The student must:
♦ be enrolled in or have already completed the physical chemistry course
♦ have a minimum 3.4 GPA.

Terms:
This is a one year scholarship chosen through an application and selection process. If the student has tuition covered, this scholarship can be used to purchase books or pay for trips to chemistry meetings. This scholarship shall be presented annually at the Honors Day Convocation. The student should be present to receive this scholarship.

Selection:
Selection is to be made by the department chair and faculty of the physical chemistry division of the Chemistry Department. To be considered students must fill out a STEM scholarship application. The application can be found on-line at STEM Scholarships. Complete the form no later than February 1, 2020.
**Koknat Family**

**Undergraduate Scholarship in Chemistry**

**Description:**
This scholarship, established in 2015 by Dr. Friedrich W. and Mrs. Eva-Maria Koknat, is to provide financial assistance to undergraduate students majoring in chemistry at Youngstown State University. Two four-year scholarships may be awarded at $1,000 each, per year ($500 per semester).

**Eligibility:**
- Recipients must have a high school degree, including a year of high school chemistry, with a 3.20 GPA, preferably from a public or parochial school from the five-county American Chemical Society Penn-Ohio Border Section area (Columbiana, Mahoning, and Trumbull counties in Ohio and Lawrence and Mercer counties in Pennsylvania).
- The required GPA can be lowered by 0.10 (0.05) if the applicant has taken a year (semester) of calculus in high school and also by 0.10 (0.05) if the applicant has taken a year (semester) of physics in high school.
- First-time applicants can be an incoming freshmen or a sophomore. Awards should be based on academic merit and on need. All applicants must complete the FASFA form.
- Recipients must maintain a 3.00 cumulative GPA. They must take at least one chemistry course per semester and, during their first three years, at least one calculus or physics or physical chemistry course per semester.

**Terms:**
Two scholarships are to be awarded each year and students can receive them for a total of four consecutive years. The students receiving these scholarships will be reviewed annually on their academic progress to ensure the above eligibility requirements continue to be met before the scholarship is renewed.

**Selection:**
Selection is to be made by the Department of Chemistry in conjunction with the YSU Foundation. To be considered students must fill out a STEM scholarship application. The application can be found on-line at STEM Scholarships. **Complete the form no later than February 1, 2020.**
Dr. Leonard B. Spiegel
Memorial Scholarship

Description:
This scholarship was established in 2018 in memory of Dr. Leonard B. Spiegel by his three children. Dr. Spiegel came to Youngstown in 1961 to begin his university teaching career at Youngstown State University. For the next 35 years, he had a distinguished career as a professor of Biochemistry. Dr. Spiegel loved working at YSU and was an avid supporter of YSU athletics and theater. He was also very involved in the Youngstown community, especially the Jewish community.

Eligibility:
This scholarship is for a student majoring in chemistry or a chemistry related field who♦ is attending YSU full-time as an undergraduate or graduate student
♦ with a 2.75 GPA.
♦ Preference will be given to a student who is minoring in Judaic Studies.

Terms:
An annual scholarship that can be renewable for an additional three years; however, the applicant must compete with all scholarship applicants and go through the application process each year.

Selection:
The selection is to be made by the Chemistry Department selection committee and the Office of Financial Aid and Scholarships, in conjunction with the YSU Foundation. To be considered students must fill out a STEM scholarship application. The application can be found on-line at STEM Scholarships. Complete the form no later than February 1, 2020.
Ralph and Helen Yingst
Scholarship in Chemistry

Description:
This scholarship was established by Dr. Ralph E. and Helen Yingst to encourage students to participate in chemical research and to increase the number of BS and BA graduates with a major in chemistry.

Eligibility:
♦ An undergraduate or graduate student majoring in chemistry.
♦ A minimum 2.5 GPA

Terms:
An annual scholarship that can be renewable for an additional three years; however, the applicant must compete with all scholarship applicants and go through the application process each year. The scholarship, in combination with other scholarships and grants, is not to exceed the cost of tuition, fees, books, and supplies.

Selection:
The selection is to be made by the Chemistry Department selection committee and the Office of Financial Aid and Scholarships, in conjunction with the YSU Foundation. To be considered students must fill out a STEM scholarship application. The application can be found on-line at STEM Scholarships. Complete the form no later than February 1, 2020.
The Dr. James and Patricia S. Reeder Graduate Scholarship in Chemistry

**Description:**
Dr. Reeder received a BS at the University of Kansas in 1954 and Ph.D. from the University of Colorado in 1959. Dr. Reeder had postdoctoral fellowships at Dow Chemical and Shell Development Company. Before coming to Youngstown State in 1968, he worked as a research chemist at the British Columbia Research Institute for five years, then at DuPont in Delaware. At YSU, Dr. Reeder taught organic chemistry. He was named Teacher of the Year by the YSU student chapter of the American Chemical Society in 1971. The scholarship was established in his honor to promote graduate studies in chemistry.

**Eligibility:**
This scholarship is for a graduate student working for an advanced degree in chemistry

**Terms:**
This is a one year scholarship. The scholarship is renewable.

**Selection:**
Selection is to be made by the faculty of the Chemistry Department. If you wish to be considered for this award you must find a faculty member willing to put your name forward to the selection committee. Provide the nominating faculty member your overall GPA and your GPA in your chemistry courses. **The request should be made no later than January 27, 2020.**
**Anthony, Elizabeth & Dr. Janet E. Del Bene Award in Chemistry – Masters**

**Description:**
The Anthony, Elizabeth, and Dr. Janet E. Del Bene Chemistry Scholarship was established as a legacy gift by Dr. Janet Del Bene in honor of her Father and Mother. Anthony Del Bene was a foreman and roller at US Steel’s McDonald Works. Elizabeth was a homemaker. Dr. Del Bene received her undergraduate degrees from YSU, and her Ph.D. in Chemistry from the University of Cincinnati. Following postdoctoral fellowships at the Theoretical Chemistry Institute at the University of Wisconsin and another with Nobel Laureate Sir John A. Pople at Carnegie Mellon University, Dr. Del Bene joined the YSU chemistry faculty in 1970. She was a pioneer in carrying out high-quality research at YSU, received numerous awards and external research grants, and was nationally and internationally known, giving many lectures both here and abroad. She retired from YSU in 1999 to embark on a continuous sabbatical, still doing her research in theoretical/computational chemistry. She published more than 260 papers in refereed scientific journals.

**Eligibility:**
The student must:
♦ be a graduating chemistry major who will receive a baccalaureate degree
♦ be accepted into the master’s chemistry program at YSU
♦ have a minimum undergraduate 3.4 GPA
♦ show promise in becoming an outstanding chemist
♦ begin graduate studies no later than the fall semester following baccalaureate graduation

This award should be given preferentially to a student who intends to do graduate work in quantum/computational chemistry or physical chemistry, and used for tuition, books, or as a supplement to a graduate assistantship.

**Terms:**
This annual award will be presented at the Honors Day Convocation. The recipient should be present to receive this award.

**Selection:**
The award is to be made by members of the faculty of the Department of Chemistry. If you wish to be considered for this award you must find a faculty member willing to put your name forward to the selection committee. Provide the nominating faculty member your overall GPA and your GPA in your chemistry courses. **The request should be made no later than January 27, 2020.**