

# 2012 Student Leadership Awards Application Form

Please complete all fields and e-mail this form to [undergrad@acs.org](mailto:undergrad@acs.org) (include "2012 Leadership Awards" in the subject line) or FAX to 202-872-8068. All paid student members who have completed at least one year of undergraduate studies in the chemical sciences and have held elective office in an active student chapter are eligible to apply. Preference will be given to sophomores and juniors.

**All applications must be received by October 26, 2011**

1. Full Name:	Nicholas Hanns Stroeters
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6. Fax:	N/A
7. Institution name:	University of Detroit Mercy
8. Faculty Advisor /email	Matthew J. Mio m:omj@udmercy.edu
9. ACS Student Member Number:	30174341
10. Expected Graduation Date:	5/2014

  
Applicant Signature

10/25/11  
Date

  
Faculty Advisor Signature

26 Oct 11  
Date

My name is Nic Stroeters, and I am a student member of the ACS pursuing a BA in chemistry at the University of Detroit Mercy. Currently I am an officer in Chem Club holding the position of secretary. I take attendance and notes on the meeting, then compile all the announcements and upcoming events into a “Minutes” document that is sent out for those who missed the meeting and also as a reminder for those who attended. Us officers in the organization along with the faculty advisors for the club, plan the events that we do throughout the year. We lead different magic shows and demonstrations for high school groups, kids, and girlscouts/boyscouts where I have led some demos and instructed new members on how to perform the demos. Our club has an upcoming fundraiser at Cedar Point, October 29<sup>th</sup>, where I will be a trained leader for our group as we sell concessions during the day to raise money for our San Diego trip to the national ACS conference. Within the realm of academia, I am currently in a chemistry research group with Dr. Benvenuto who is a professor and chairman of the Chemistry and Biochemistry Department at the university. We are currently using XRF methods to analyze coins dating back to the 1<sup>st</sup> century A.D. in the Kushan Empire. The department recently purchased a new handheld XRF from Bruker which we have just started to use and have fun analyzing with. We plan to present our data first at ANACHEM on November 3<sup>rd</sup>, and then next year in San Diego for the national meeting.

Other leadership roles not chemistry related include my relation to the new “Titans for Life” pro-life group that started on campus this spring where I hold the position of treasurer for the organization. I plan to organize a baby shower for the organization as a way to collect baby related items that can be used by local pregnancy centers for expectant mothers. Other events we have planned include guest speakers, raising awareness, and hopefully a trip to Washington D.C. for the March for Life event with other campus pro-life groups. I am also active with the

Ministry group on campus and help out with fundraisers where we raise money for our Alternative Spring Break trips. Last year I signed up and was sent to South Carolina and we worked in Georgetown fixing up a house for a woman in need and getting immersed in the more impoverished area down there. It was a great experience and this year I am signed up and currently training to be a student leader for a trip this upcoming spring break to a new location. This summer at the end of August I was a student leader for the Horizons retreat which was set-up by the ministry group. We took a group of incoming freshmen and went on a retreat to Brooklyn, MI where we got to interact, have fun, make friends, and grow spiritually. I was the leader of one of the small groups and led discussions and was also part of planning the retreat and coming up with activities. Additionally, I am involved in the Engineering and Science student council and help them out with their events as well as occasionally attend Biology club's events and fundraisers.

Through these leadership roles I have gained confidence in myself and respect from others. I encourage people to get involved and am always trying to do as much as I can manage to be active on and off campus. Organization is a skill, too, that I have honed, for my current leadership roles and I can take the leadership stand and organize groups and events. I hope to develop more networking skills to be able to interconnect groups I am involved in with other organizations. Also, I would like to develop new ideas for events Chem Club could organize.

I would like to thank the ACS for considering my application and I hope to be able to further my leadership skills as well as expand our Chem Club's capabilities as an organization. Whatever I could bring home with me from the conference would be beneficial to our organization and aid in us better serving our school, community, and future organization members.

# NICHOLAS H. STROETERS

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## School

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## Home

504 N Marias Ave  
Clawson, MI 48017  
(248) 288-0835

## Objective

To gain useful information, leadership skills, and networking techniques to bring back to our organization and further our

## Education

University of Detroit Mercy,  
Lutheran High School Northwest,

Expected May 2014  
June 2010

## Relevant Course Work

Organic Chemistry      Three semesters of Chemistry Laboratory      General Chemistry  
Undergraduate Chemistry Research

## Skills

### Computer Chemical

MS Word®, MS Excel®, MS PowerPoint®,  
Quantitative lab techniques - such as titration, spectrophotometric analysis  
Basic organic synthetic lab techniques - such as TLC, distillation, extraction

## Work Experience

### Laboratory Research Assistant

September 2011 -present

Research Group of Dr. Mark A. Benvenuto, University of Detroit Mercy

- Proper lab and research protocol, such as datakeeping
- Instrument calibration for XRF instruments
- Performing XRF methods and data analysis on samples

### Grocery Store Bagger

Summer 2008

Hollywood Market (Troy, MI)

- Bagger, collected carts, backstock, faced isles, other miscellaneous tasks

### Summer Camp Kitchen Staff

September 2011

Camp Arcadia (Arcadia, MI)

- Cleaned and set up dining areas
- Prepared food and followed recipes in the kitchen
- Washed food trays and maintained clean, sterile environment in kitchen

**Activities:** Officer of the Student Affiliate chapter of the American Chemical Society at UDM; Officer of the UDM Titans for Life student pro-life group; Alternative Spring Break student leader; ESSC member; DAPCEP volunteer; High School NHS; Tennis; Golf

**References:** Available upon request