

2012 Student Leadership Awards Application Form

Please complete all fields and e-mail this form to 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:	Chloe Wolff
2. Email Address:	cw354907@ohio.edu
3. SSN:	278-92-4837
4. Mailing Address:	186 Mill Street #802 Athens OH 45701
5. Telephone:	(513) 872-1748
6. Fax:	N/A
7. Institution name:	Ohio University
8. Faculty Advisor /email	mcmills1@ohio.edu
9. ACS Student Member Number:	30203522
10. Expected Graduation Date:	06/2012

Chloe C Wolff
Applicant Signature

10-17-11
Date

Lauren E. Minnie
Faculty Advisor Signature

10-20-11
Date

October 19th, 2011

American Chemical Society
1155 Sixteenth Street, NW
Washington, DC 20036

To Whom It May Concern:

My name is Chloe Wolff and I am a senior Chemistry major at Ohio University and the current President of our ACS affiliated organization. I have been an ACS student member for approximately four months, and I would like to take greater advantage of the resources that this organization offers. This Student Leadership Award was brought to my attention by a fellow ACS member who attended this conference last year and thought that I would be a good candidate for this award. Based on her positive experience and my personal desire to better myself, I decided to submit my application.

During my time at Ohio University, I have steadily assumed greater responsibility and leadership positions within the organizations I belong to and within the Chemistry Department. For my entire Sophomore and Junior years, I was a Peer Led Team Learning Mentor. Once or twice a week for two hours I would help underclassmen in the general chemistry classes with packets of problems related to the class material that were designed by the professors. One of the greatest advantages of working as a Peer Mentor was being able to pass my knowledge and experiences on to a new generation of students. Since I had been in their shoes only a year or two before, I could give the students valuable tips on what study habits worked for me or which professors were the most approachable. After several quarters of mentoring, I noticed a distinct improvement in my ability to speak in front of my peers, and now I feel quite comfortable talking to large groups of students. This newly acquired skill has been very useful in my other leadership positions and also for class presentations because I feel more confident at the front of a class. As a leader, it is also important to be able to modify your plans to fit the needs of the group while keeping everyone focused on the task at hand, which is another skill I developed as a Peer Mentor. Answering numerous questions from my students, often questions I had not even considered before, allowed me to learn to be flexible and think on my feet. This ability has been invaluable in my current work as a teaching assistant.

Over the summer, I participated in the Chemistry Department's TA Training Program which is designed to train five undergraduate students to work as teaching assistants in the fall. Presently, I am a TA for one of the general chemistry labs that meets for three hours once a week. Although I have only been a TA for little more than half a quarter, I have already accrued valuable leadership skills, and I look forward to the lessons I have yet to learn from my experiences. So far, I have realized the importance of being prepared, which is an essential attribute for any leader. Before each lab, I thoroughly read the procedure so that I understand what the students will be doing in the experiment and where they will have problems. Additionally, I spend at least half an hour in my lab before the students arrive checking that all of their materials are present and verifying that I can properly demonstrate the use of any instruments with which I am not familiar. I believe this preparation is one of the reasons that there have been no serious accidents in my lab thus far and that I see the students' comprehension improving in each lab report.

Preparation is also at the core of my most traditional leadership position as the President of my local ACS affiliated chapter of the Alpha Chi Sigma Fraternity. I joined the Gamma Nu Chapter at the end of my freshman year and worked my way up from active member, to Treasurer, and now to Master Alchemist. As the head of the Chapter, I run the weekly meetings, ensure that the Chapter complies with national fraternal standards, and make sure that the other Officers are properly performing their duties. All of these responsibilities require adequate preparation and organization. Throughout the week, I write down important points that I need to address in the next meeting in a notebook so that no crucial subject is overlooked. Then, I typically spend at least 30 minutes creating a Power Point, looking up background information, and practicing what I will say to the Chapter so that at the actual meeting, everything on my end runs smoothly. It is also very important that I effectively transmit my message to the Chapter to eliminate confusion, and I have found Power Point to be a useful tool. When the members read and hear the information, the combination of auditory and visual stimuli helps them remember important dates and policies. I also stay organized by maintaining a to-do list in my planner which helps me remember to send reminder emails to the Chapter about events or mandatory meetings because it is difficult for an organization to be successful if its leader is disorganized and unprepared.

In my past and present leadership experiences, I have improved my public speaking, adaptive thinking, and organizational and preparatory skills, but I am still lacking in communication and conflict resolution. I think that I could become a better communicator by acquiring a wider range of useful techniques, besides Power Point, for transmitting ideas. Refining this ability would increase my effectiveness both as a TA and as Master Alchemist. However, the area in which I am most deficient is in conflict resolution. It is not in my personal nature to seek out arguments and I try to avoid them at all costs, but conflict is an unavoidable part of any organization. Learning to handle such highly charged situations in an unbiased and calm manner would be a useful skill not just for the rest of my time as President, but also for my personal life. One of the marks of a true leader is the ability to gracefully handle conflict and design compromises that benefit both sides of an argument, which is why I would like to develop this talent in myself.

Any lessons I learn at this leadership conference would be gladly shared with the Gamma Nu Chapter and would be passed on to the Officers for next year. I would not only be able to teach my fellow members indirectly by example, but I would also be able to share my new techniques personally with the incoming Officers at the end of the school year. Additionally, if my communication skills were improved, the entire Chapter would benefit from increased productivity as a group and from shorter and more focused meetings. If my mediation skills were improved, any problems in the Chapter could be brought to light and discussed in a mature manner so that a solution could be agreed upon, and the entire organization could move forward without anyone feeling alienated. Lastly, I have and will continue to invite my fellow members to apply for this award and I will encourage them to become ACS student members. I look forward to sharpening my own leadership skills and to helping shape the next generation of leaders that will continue the success of my ACS affiliated organization.

Sincerely,

Chloe C Wolff
Chloe Wolff

Chloe Wolff

cw354907@ohio.edu

Campus Address:

186 Mill Street Village Apt. 802
Athens, Ohio 45701
513-720-1748

Permanent Address:

5847 Monassas Run Road
Milford, Ohio 45150
513-575-1049

Education

Ohio University, Athens, Ohio
Bachelor of Science in Chemistry
Minor in Spanish
GPA: 3.941

Expected June 2012

Experience

Research Experience

Ohio University Department of Chemistry
Dr. Hao Chen's Research Group

January 2010 - Present

- Undergraduate research in analytical chemistry
- Experience with mass spectrometry, potentiostat, rotating disk electrode, DESI (Desorption electrospray ionization), autopipetter, commercial electrochemical cell, solution preparation
- Perform experiments with rotating disk electrode to ultimately identify reaction intermediates by mass spectrometry

Work Experience

The Kroger Company

July 2008 – December 2010

- Worked as a bakery clerk during breaks from school and was commended for hard work
- Often worked unsupervised and practice customer service and time management skills

Leadership Activities

Peer Led Team Learning Mentor

September 2009 – June 2011

- Guide two separate small groups of students through packets of problems once a week for the freshman chemistry courses

Alpha Chi Sigma Professional Chemistry Fraternity

Initiated June 2009

Treasurer 2010-2011

Master Alchemist 2011-2012

- ACS affiliated chapter volunteers at department events, purchases ACS study guides for general and organic chemistry classes, and participates in outreach programs to local elementary schools

Ohio University Upward Bound

June 2011-July 2011

- Volunteered at Study Tables twice a week to help high schools students with chemistry problems

Teaching Assistant

September 2011-Present

- Oversee one general chemistry lab three hours a week, advise students and maintain safe laboratory environment, proctor exams, and grade lab reports and exams

Honors and Recognitions

Gateway Excellence Scholarship

2008

G. Jessie Day Undergraduate Award

2009

American Chemical Society Undergraduate Organic Chemistry Award

2010

Rebecca Barlag
Assistant Professor of Chemistry
Ohio University
Department of Chemistry and Biochemistry
390 Clippinger Labs
Athens, Ohio 45701
(513) 505-9337

To Whom It May Concern:

I am writing on behalf of Ms. Chloe Wolff to recommend her for The American Chemical Society Leadership Award 2012. As an Assistant Professor in the Department of Chemistry at Ohio University, I get the chance to interact with the undergraduate students on a personal level in lecture and laboratory courses. Chloe was a student of mine for the Quantitative Analysis Laboratory, Fall Quarter 2009 and Electroanalytical Chemistry Lecture and Laboratory, Spring Quarter 2011.

Chloe was outgoing and never missed class. She was always attentive and made constant eye contact with me. She asked intelligent questions during class time and often stayed after class to further her understanding of the material. Chloe was able to work independently in the laboratory with confidence. While working on group assignments, she was typically the team leader, delegating duties to the others in her group. I feel that Chloe has reached a maturity well above that of her peers. She has maintained a relationship with me even when she was not taking one of my courses to discuss her future plans and goals. I feel lucky to know her. This past summer, she participated in the Undergraduate Teaching Assistant Program and was my Teaching Assistant for the Chemistry 122, General Chemistry Lecture and Laboratory. She was very interactive with her students and was patient and respectful. She has been a great help to me aiding in proctoring my exams this quarter, even though she is not my assigned teaching assistant.

While maintaining a high GPA, Chloe has also been involved in many activities where she has learned great communication skills and, more importantly, how to work closely with others. She volunteered her time helping me with the Upward Bound Summer 2011 Residential Phase. She helped to teach my classes, graded papers, and helped to prepare labs for the students. She also came to evening study tables to help the students grasp important concepts in chemistry. She was very well liked by the high school students. Chloe is also the president of the Alpha Chi Sigma, a professional chemistry fraternity. She plans outreach programs and lectures.

Overall, Chloe's academic, volunteer, and professional experiences convince me that she is a perfect recipient of this award.

Sincerely yours,

Rebecca E. Barlag
Assistant Professor of Chemistry
Phone: 513-505-9337