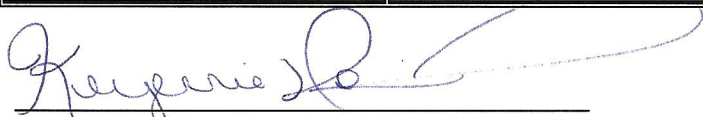


2012 Student Leadership Awards Application Form

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

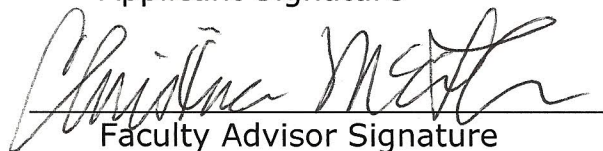
1. Full Name:	Keyerria Quante Howard
2. Email Address:	keyerria.howard@newberry.edu
3. SSN:	248.83.0370
4. Mailing Address:	2100 college st. NC 977 Newberry, SC 29108
5. Telephone:	803.464.9845
6. Fax:	N/A
7. Institution name:	Newberry College
8. Faculty Advisor /email	christina.mccartha@newberry.edu
9. ACS Student Member Number:	30168707
10. Expected Graduation Date:	December 2012



Applicant Signature

10.21.11

Date



Faculty Advisor Signature

10.25.11

Date

Keyerria Quante' Howard

keyerria.howard@newberry.edu m.803-464-9845
1007 Hort Street Sumter, SC 29153

Education

Newberry College, Newberry, South Carolina 29108

Bachelor of Science, Expected Graduation Date December 2012

Majors in Chemistry with a concentration in Forensic Science and Secondary Education Minor in Biology

Current Cumulative G.P.A 3.818 Dean's List 2008-2009, 2009-2010, 2010-2011

- Summerland Honors Program
- Palmetto Fellows Scholarship Award
- Blue Key Honors Society
- Omicron Delta Kappa Leadership Honors Society
- Chi Beta Phi Honors Society
- Newberry Scholar
- Phi Beta Lambda

Leadership Experience

American Chemical Society- Grants Specialist

- Ensure the implementation of ACS grants and internal chemistry department grants in various programs and activities geared toward science.

All Campus Event Programming Board Vice President and Secretary

- Planned and Executed Student Events on Newberry College's Campus
- Facilitated the needs of the performers and guests for the events

Head Manager of Newberry College Women's Basketball Team

- Conducted small tours of the athletic facility for visiting teams
- Facilitated the needs of the referees before games
- Assisted the Assistant coach in any other specific duties

Orientation Leader

- Assisted in the planning and execution of New Student, Transfer and International Orientation and Check-in Events at Newberry College

Professional Memberships/Affiliations

American Chemical Society Student Affiliates

Future Educator's Association

Professional Learning, Presentations, and Grants

South Carolina Science Council Conference-Myrtle Beach, SC November 2010

Combinatorial Chemistry: Antibiotic Drug Discovery Presentation-Newberry College Poster Session Newberry, SC December 2010

National Association of College Activities Regional Conference- Chattanooga, TN October 2010

Southeastern Regional Noyce Conference Participant- Clemson, SC March 2011

Town Gown: Establishing a Relationship with the Community through Student Activities Presentation-National Association of College Activities Regional Conference- Myrtle Beach, SC October 2011

Internships

Robert C. Noyce- REMAST Intern 2010

EdVenture Children's Museum

- Designed and Researched Educational guides for all of the exhibits for use by parents and educators for grade levels K-5

Governor's School for Science and Mathematics

- Laboratory aide to the instructor
- Instructed middle school students in the laboratory conduct experiments

ITEC Professional Development Summer Camp for Teachers

- Prepared labs for all of the teachers as well as facilitated their stay on the Newberry College Campus

Relevant Coursework

Organic Chemistry, Introduction to Forensic Science, Physical Chemistry, Laboratory Development, Laboratory Safety, Cell Biology, Structural Organic Analysis, Advanced Inorganic Chemistry,

Laboratory/fieldwork Skills

Run samples and interpret spectra from Gas Chromatography/Mass Spectrometry, Infrared Spectroscopy, UV-Vis, and Refractrometers

My name is Keyerria Howard. I am a Chemistry with a concentration in Forensic Science as well as Chemistry Secondary Education major at Newberry College. Not only do I hold an unwavering passion for the Chemistry field which can be seen through me double majoring in the subject, I am also able to dedicate my time to a number of leadership roles at Newberry College. One of my most important roles is my involvement in our Student Affiliates Chapter of the American Chemical Society as a grant facilitator. My job is to ensure that the grants that are obtained by the Student Affiliates or internal grants of the Chemistry department are properly implemented. One of our most recent grants was the ITEC grant which improves the teaching of the sciences in secondary classrooms of a selected number of teachers in the state of South Carolina. My job was to facilitate the teacher's needs during their week long professional development summer camp program at Newberry College as well as compile activities for them to implement in their classrooms that were aligned with the South Carolina Science Standards.

Another Important leadership role that I hold is President of All Campus Events, ACE, which is our student programming board. ACE plans all the student events and activities on campus. The programming board gets firsthand experience at planning, including budgeting and contacting vendors, as well as complete execution of an event. My work on the programming board has also led me to conduct presentations based on your activities at national and regional conferences. Another one of my leadership roles was working as an Orientation Leader in which I assist freshman and their families during the new student orientation program. All of my leadership roles have led me to be an example to all students on my campus which I am strongly proud of.

The leadership skills gained during my positions are invaluable and will be used throughout my life. I have learned how to successfully organize and execute events, create professional relationship with companies concerning their products and services, how to lead a group of my peers as well as older adults, give a presentation in front of a large group of people. These skills will be a great asset to me in

my future professions as either a chemistry teacher or as a chemist for a law enforcement agency. By attending the ACS Leadership symposium that I am able to improve my current leadership skills as well as develop new ones. I hope to learn how to delegate jobs to members of my organization as well as find ways to engage members to be more actively involved in the organization in order to spark others to join which will increase our membership. I would also like to improve my conflict resolution skills and help members in the organization solve problems between themselves. These skills will definitely strengthen our Student Affiliates chapter as well as help transform me into a more productive leader.



NEWBERRY

COLLEGE

October 25, 2011

ACS Student Leadership Awards Selection Committee,

As an Associate Professor of Chemistry, Chair of the Department of Sciences and Mathematics, and faculty advisor of American Chemical Society (ACS) at Newberry College, a small liberal arts college of 1100 students, I highly recommend Keyerria Howard for the 2012 ACS Student Leadership Award. Keyerria is an advisee pursuing chemistry with forensic chemistry concentration and secondary education concentrations in addition to a biology minor. She will be a fifth year student during 2012-2013. Keyerria is both a national and chapter member of the American Chemical Society (ACS). I have known Keyerria for three years as a student, advisee, member of ACS, NOYCE intern, and ITEC intern.

Academically, Keyerria is an honors student who excels in her coursework. Keyerria has been in several of my chemistry courses. She understands the material, not just memorizes the material in her courses. She actively participates in classes and assists students in the classes who have difficulty with the material. She works well as a group member during class. In the laboratory, Keyerria works very well in the laboratory, keeps an excellent lab notebook, analyzes data well, and writes very well scientifically as demonstrated in her formal typed laboratory reports.

Keyerria was selected as a National Science Foundation Newberry College NOYCE Intern for summer 2010. She worked at EdVenture (4 weeks), ITEC summer camp for middle school teachers from high need school districts in SC at Newberry College (1 week), and Governor's School for Science and Math Summer Science program (1 week) as her 6 week internship. She did an excellent job as an intern and presented her work as an intern at a poster session at Newberry College Fall 2011. I served as her supervisor at the ITEC summer camp. She prepared laboratories for use in the classroom and assisted the middle school teachers with the activities. She also learned much from the teachers. She was excellent in her position as a NOYCE intern and decided to pursue a degree in chemistry with a secondary education as a result of this experience (*which will require her to stay a fifth year at Newberry College*). Keyerria presented her work from the Investigative Chemistry Project at the 2011 Southeastern Regional Noyce Conference.

Keyerria worked as a 2010-2011 ITEC student intern for an Improving Teacher Quality grant. She worked for 10 hours per week during the academic year with administrative duties related to the ITEC grant and 40 hours per week during the summer. She did a fabulous job in her role as

an ITEC student intern. Keyerria served as a student liaison with all our grant projects and the ACS student member group to coordinate all of the grant activities with the students as a volunteer position. She shows great leadership abilities in her many roles in chemistry and around campus.

Keyerria is a member of the Summerland Honors Program, on the Dean's List, and a SC Palmetto Scholar. She has also been involved around campus as an Orientation Leader, head manager of the women's basketball team, and member of the All Campus Event (ACE) programming board as Vice President and Secretary.

Keyerria is very reliable, personable, and hard working. I would **highly recommend** Keyerria for the 2012 Student Leadership Award. She is the type of student we want to represent Newberry College for this award.

Sincerely,

A handwritten signature in black ink that reads "Christina McCartha". The signature is written in a cursive style with a long, sweeping underline.

Christina McCartha, PhD
Associate Professor of Chemistry
Chair, Department of Sciences and Mathematics
Faculty Advisor American Chemical Society
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