

19th Annual

Chemistry Department

Honors Banquet

April 13, 2007



The University of Tennessee at Chattanooga

Higdon Textbook Awards

Marjorie Fox Higdon, a 1947 graduate of our program, established these textbook scholarships in order to assist deserving students in pursuing chemistry degrees.

Murray Raney Scholarships

This scholarship was established in 1988 by W. R. Grace & Company in memory of Murray Raney, Chattanooga-based inventor of world-famous metal catalysts. It honors B.S. Chemistry students with interest in graduate school or industry.

Dr. Don J. Russell Chemistry Scholarship

This award is in honor of Dr. Don J. Russell, a University of Chattanooga graduate and a graduate of the UT College of Medicine. He specialized in plastic and reconstructive medicine.

William O. Swan Awards

This award, in memory of William O. Swan, is presented to outstanding freshmen chemistry majors. Dr. Swan served as a member of the chemistry faculty at the University of Chattanooga from 1941 to 1968. He was a popular instructor who is remembered for his outstanding General Chemistry course and for his exceptional rapport with students.

Dr. Charles Robert Thomas Scholarships

This scholarship was established in 1968 in memory of Chattanooga physician Dr. Charles Thomas. It honors deserving students studying Pre-Medicine.

Mr. and Mrs. Eugene M. Thomasson Scholarship

Mr. and Mrs. Eugene M. Thomasson established this scholarship in 1929. It honors a qualified and deserving student pursuing Pre-Medicine.

Gamma Sigma Epsilon

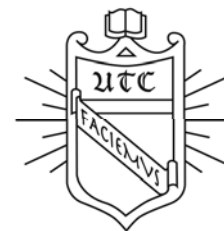
Gamma Sigma Epsilon is the National Chemistry Honor Society. Its purpose is to recognize students who have demonstrated outstanding achievement in the field of Chemistry. Gamma Sigma Epsilon was originally founded at William and Mary College in the late 1800s. Dr. Irvine Grote and Dr. John Edwards established the UTC chapter of Gamma Sigma Epsilon in 1931, with the goal of recognizing excellence in our department.

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SUMMARY OF SCHOLARSHIPS & AWARDS

Alco Chemical Scholarships

The Alco Chemical Company established these scholarships in 1992 for outstanding students in chemistry.

Marvin Anthony Scholarships

Chicago banker Marvin Anthony, a 1926 chemistry graduate of the University of Chattanooga, established this scholarship for students in chemistry and business administration in 1965. It honors outstanding Chemistry students with an interest in business.

John W. Edwards Awards

These awards honor the most outstanding junior and sophomore chemistry majors. They are presented in memory of John W. Edwards, who served the University of Chattanooga as a chemistry faculty member and department head from 1918 to 1941. Professor Edwards was a popular instructor who introduced research into the curriculum. He served for more than 20 years as chairman of the athletics committee and was instrumental in the formation of the Southern Conference.

Benjamin H. Gross Award

Established in 1998, in honor of Guerry Professor Emeritus Ben Gross, this award honors the most outstanding senior chemistry major. Dr. Gross earned a bachelor's degree in chemistry from the University of Chattanooga in 1952 and returned in 1964 to become Head of the department. Dr. Gross served for 27 years in this capacity, and the many accomplishments of the Department of Chemistry over the past three decades are due in large measure to his outstanding leadership.

Grote Scholarships

A scholarship program was initiated in 1976 with income from an endowment arising from the estates of Irvine and Nita Grote. Dr. Grote served as a member of the chemistry faculty from 1931 to 1969 and as chairperson of the department from 1941 to 1964. In 1986 the program was expanded to provide scholarships for twelve students each year.

DEPARTMENTAL PERSPECTIVE

The Chemistry Department was among the first academic units to be established at the University of Chattanooga. The first student to complete a program of study equivalent to the requirements for the initial bachelor's degree graduated in 1912. Until 1931 the faculty consisted of a single member; a second member was added in that year. At that time students began to serve as laboratory assistants and to undertake research projects leading to departmental honors.

By the time of the merger with the University of Tennessee in 1969 the faculty had grown to five members and the number of chemistry graduates had risen to 421. Already the department had developed a good rapport with students and had established a regional reputation for placing students in graduate and medical schools.

Since 1969 the department has grown to a faculty of twelve members and has graduated more than 1170 majors. The Committee on Professional Training of the American Chemical Society approved the B.S. degree program in 1978. The department places a high priority upon instructional excellence and the role of research in undergraduate education.

WELCOME

DINNER

GUEST SPEAKER

Kay Andrews, Ph.D.

Chattanooga Area Chamber of Commerce

RECOGNITION

Service Recognition

Research Recognition

Scholarship Recognition

Student Awards

Graduating Seniors

This year the Chemistry Department is hosting its nineteenth annual Honors Banquet to recognize the outstanding contributions of its students to the study of chemistry at The University of Tennessee at Chattanooga.

Students serve the interests of the department through their commitment to academic excellence, research projects and service activities.

The Honors Banquet expresses the appreciation of the chemistry faculty and staff for those who have excelled in these efforts.

Invited Speaker

Dr. Kay Andrews is Director of the Education Initiative for the Chattanooga Area Chamber of Commerce. A native of Chattanooga, she holds a bachelor's degree in Psychology from UTC, a master's degree in Psychology from Duquesne University, and a doctorate in Sociology from the University of Pittsburgh. Her background includes 20 years of college and university teaching experience and nine years of higher education administrative experience. Dr. Andrews came to the Chamber from Chattanooga State Technical Community College where she served as Department Head for Social and Behavioral Sciences. Prior to that she was Dean for the Social Sciences Division at Cypress College in southern California. Her leadership experience includes faculty sponsorship for the NEW Leadership Program in the Center for the American Woman in Politics at Rutgers University, faculty liaison with the Public Leadership Education Network (PLEN) in Washington, DC, certification by the Leadership Development Institute in California, and participation in the Regents Academic Leadership Institute with the Tennessee Board of Regents. Dr. Andrews is currently a faculty fellow for the doctoral program in Leadership at the University of Tennessee at Chattanooga.

Higdon Textbook Awards

| | | |
|-------------------------|-----------------------|-----------------------|
| <i>Amirtha Dileepan</i> | <i>Jessica Ezell</i> | <i>Caitlin Redman</i> |
| <i>Sean Dunn</i> | <i>Steven Ledford</i> | <i>Ivan Zubkov</i> |
| | <i>German Morera</i> | |

Student Affiliates' Service Awards

| | |
|--------------------|--------------------|
| <i>Melanie Siv</i> | <i>Kevin Terry</i> |
|--------------------|--------------------|

Swan Awards

(Outstanding freshman)

| | |
|----------------------------|------------------|
| <i>Robert (Trip) Dacus</i> | <i>Sean Dunn</i> |
|----------------------------|------------------|

Edwards Awards

(Outstanding sophomore and juniors)

| | | |
|--------------------------|----------------------------|-------------------------|
| <i>Rishi Naik (soph)</i> | <i>Sarah Easparam (jr)</i> | <i>Ivan Zubkov (jr)</i> |
|--------------------------|----------------------------|-------------------------|

Gross Award

(Outstanding senior)

Maikele Botros

GRADUATING SENIORS

| | | |
|--------------------------|--------------------------|------------------------|
| <i>Andrea Bonds</i> | <i>Lauren DeLoach</i> | <i>Kimberly Holte</i> |
| <i>Lindsey Bornhoeft</i> | <i>Matthew Gilliland</i> | <i>Bradley McKeown</i> |
| <i>Maikele Botros</i> | <i>Mallory Hacker</i> | <i>Lindsey Miller</i> |
| <i>Timothy Brooks</i> | <i>Andrea Hamby</i> | <i>Sarah Prince</i> |
| <i>Daniel Chatham</i> | <i>David Hays</i> | <i>Carissa Sherrit</i> |
| <i>Fallan DeLoach</i> | | <i>Kevin Terry</i> |

Dr. Don J. Russell Chemistry Scholarship

(Outstanding Chemistry student)

Jared Hassler

STUDENT AWARDS

Gamma Sigma Epsilon

(Chemistry Honor Society)

Sarah Easparam

Regina Jaanineh

Meetal Vashi

Jennifer Gordon

Eric Tiner

Nigel Welch

Jared Hassler

Christina Wells

Undergraduate Award in Analytical Chemistry

(Outstanding student in Analytical Chemistry)

Scott Kindelberger

Undergraduate Awards in Organic and Polymer Chemistry

(Outstanding student in Organic Chemistry)

Caitlin Redman

Hypercube Scholar

(Outstanding student in Computational Chemistry)

Christina Wells

American Chemical Society Award

(Outstanding senior)

Bradley McKeown

SERVICE RECOGNITION

Laboratory Assistants

Rebecca Barnhill

Lauren Eaves

Bradley McKeown

Desiree Biggers

Anthony Eiler

Stephanie Mihalcz

Lindsey Bornhoeft

Cyril Fider

Keely O'Brien

Maikel Botros

Jennifer Gordon

Brittany Pangburn

Cassie Brooks

Allison Greer

Sarah Prince

Devarshi Chaudhary

David Hixson

Caitlin Redman

Samuel Chill

Kimberly Holte

Sean Rogers

Cara Clouse

Angela Johnson

Brian Shoemaker

Catherine Coffman

Scott Kindelberger

Melanie Siv

Ian Cohen

Holly Lynch

Meetal Vashi

Brian Cooke

Crystal May

Nigel Welch

Alexander Cooze

William McGee

Christopher Zarrineh

Outstanding Laboratory Assistant Award

Keely O'Brien

Sean Rogers

Office Assistant

Colleen DeMunbrun

RESEARCH RECOGNITION

Provost Student Research Awards

| | | |
|------------------------|---------------------------|------------------------|
| <i>Desiree Biggers</i> | <i>Mallory Hacker</i> | <i>Bradley McKeown</i> |
| <i>Maikel Botros</i> | <i>Emily Hassler</i> | <i>Nigel Welch</i> |
| <i>Sarah Easparam</i> | <i>Jared Hassler</i> | <i>Ivan Zubkov</i> |
| | <i>Scott Kindelberger</i> | |

Summer Research Participants

| | | |
|------------------------|---------------------------|------------------------|
| <i>Desiree Biggers</i> | <i>Benjamin Howard</i> | <i>Rishi Naik</i> |
| <i>Maikel Botros</i> | <i>Scott Kindelberger</i> | <i>Shanelle Newton</i> |
| <i>Sarah Easparam</i> | <i>Steven Ledford</i> | <i>Nigel Welch</i> |
| <i>Emily Hassler</i> | <i>Marie Loizeaux</i> | <i>Christina Wells</i> |
| <i>Jared Hassler</i> | <i>Bradley McKeown</i> | <i>Ivan Zubkov</i> |

Departmental Honors Candidates

Maikel Botros *Mallory Hacker*

Academic Year Research Participants

| | | |
|------------------------|---------------------------|------------------------|
| <i>Desiree Biggers</i> | <i>Emily Hassler</i> | <i>Rishi Naik</i> |
| <i>Andrea Bonds</i> | <i>Jared Hassler</i> | <i>Elizabeth Park</i> |
| <i>Maikel Botros</i> | <i>Scott Kindelberger</i> | <i>Samuel Chill</i> |
| <i>Sarah Easparam</i> | <i>Marie Loizeaux</i> | <i>Nigel Welch</i> |
| <i>Eric Furcsik</i> | <i>William McGee</i> | <i>Christina Wells</i> |
| <i>Mallory Hacker</i> | <i>Bradley McKeown</i> | <i>Ivan Zubkov</i> |

SCHOLARSHIP RECOGNITION

Alco Chemical Scholarships

(Outstanding Chemistry students)

Keyanna Webb *Christina Wells* *Jessica Woods*

Marvin Anthony Scholarships

(Outstanding Chemistry students with an interest in business)

Desiree Biggers *William McGee* *Shanelle Newton*

Grote Scholarships

| | | |
|-----------------------|-----------------------|----------------------|
| <i>Cassie Brooks</i> | <i>Sean Dunn</i> | <i>Rishi Naik</i> |
| <i>Daniel Chatham</i> | <i>Marie Loizeaux</i> | <i>Marlene Oakes</i> |
| <i>Jin Cheng</i> | <i>Lindsey Miller</i> | <i>Eric Tiner</i> |
| <i>Lauren DeLoach</i> | <i>Iliza Myers</i> | <i>Skye Webb</i> |

Murray Raney Scholarships

(Outstanding B.S. Chemistry students with an interest in graduate school or industry)

Samuel Chill *Nigel Welch*

Dr. Charles Robert Thomas Pre-Medical Scholarships

(Outstanding Chemistry Pre-Medical students)

Sarah Easparam *Blaine Reynolds* *Patrick Siler*

Mr. and Mrs. Eugene M. Thomasson Pre-Medical Scholarship

(Outstanding Chemistry Pre-Medical student)

Jared Hassler