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## Special Points of Interest

- Department achieves record of 209 chemistry majors in 2007
- Seventeen outstanding research students present at ACS national meeting in 2007
- Alumni Reunion and Open House February 9, 2008

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*Dr. Diana McGill*  
*Department Chair*

Where did the years go? From NKU student to NKU alumnus to...wherever you find yourself now. For me, never in my wildest dreams did I imagine in 1980, while sitting in that back-of-the-room desk in Dr. Niewahner's CHE 120 lecture, that someday I would be a faculty member and chair of the very department that first captured my interest and introduced me to my beloved biochemistry. Since then, the face of the department has

## Chair Chat

changed and will continue to change. This change is especially evident in this last year where we saw the retirements of Joann Rose, Gayle Vaughn, Pat Ponte and Dr. Bill Oliver, the first and, until recently, only chair of the chemistry department. Though the next few years will see the retirements of the remaining four founders of our department, the values and passion that they embodied will be carried on in the department they built in large part because of the new talent we have been able to attract – in our students, faculty and staff. The enthusiasm and passion that they had for our discipline, our department and our students is shared by those who have come and will come after them. We have been very intentional in hiring faculty and

staff who share those values so that future graduates from this department will experience the same challenging yet nurturing environment we tried to create for our past graduates. It is in this spirit that this alumni newsletter was envisioned. We hope to cultivate better relations with our alumni so that we can know where you are; so that we can continue to learn from you how we can better provide for our current students; and so we can introduce current and former students to allow for that connected “family” feel that the faculty have always had with each other and with our students. Please read through the newsletter to learn how your department is evolving. And through one of the mechanisms we provide, please let us know where you find yourself now!

## Recent student and faculty awards

- **2006-07 College of Arts and Sciences Outstanding Junior Faculty Member – DR. KEITH WALTERS.**
- **2006-07 Outstanding Senior Chemistry Major – MATT LAUER '07** (currently pursuing Ph.D. in organic chemistry at The Ohio State University).
- **2006-07 Outstanding Freshman Chemistry Student – ERIC BEANE** (currently pursuing chemical engineering degree at the University of Kentucky).
- **2005-06 I.M. Kolthoff ACS Award (analytical); Best Poster and Sigma Xi Presentation; NKU Faculty Senate Award for Undergraduate Research – HEATHER GULLEY '06** (currently pursuing Ph.D. in analytical chemistry at Miami University).
- **2008 Cincinnati Chemist of the Year – DR. VERN HICKS**

Each year, the Cincinnati Section of the American Chemical Society names a “Cincinnati Chemist of the Year”. This year, Dr. Vern Hicks has won this prestigious award, marking the first time in our history that an NKU chemist has been granted this honor. Dr. Hicks’ lifetime of work and dedication to outreach and work with P-12 students and teachers along with his undying enthusiasm for teaching played major roles in the committee’s decision. What a fitting way to cap off an exceptional career in chemistry!

Department  
of  
Chemistry  
**Full-time  
Faculty**

**P. J. BALL**  
**Lecturer**

Dr. P. J. Ball joined us in the fall of 2005 in a lecturer's position. She received her B.S. from the University of Cincinnati and her Ph.D. from the University of Cincinnati in 2005. She currently teaches physiological chemistry lecture and lab and general chemistry lab and consistently receives among the highest ratings in the university on her student evaluations. She is also one of the top long-distance runners in the Greater Cincinnati/northern Kentucky area. She won the women's division of the Flying Pig Marathon in 2004.

**HEATHER BULLEN**  
**Assistant Professor**

Dr. Heather Bullen is tenure-track analytical chemist who joined NKU in 2004. She received her Ph.D. from Michigan State University and was a postdoctoral research associate at Iowa State University, Ames Laboratory-Department of Energy. Bullen teaches analytical chemistry, instrumental analysis and environmental chemistry and co-teaches the new chemistry of materials course. Originally from northern Michigan, Bullen misses snowboarding and figure skating but has found new hobbies including golf in December, rock climbing and running with her dog, Percy. She lives in Covington, Ky., with her husband Brad.

**GRANT EDWARDS**  
**Lecturer**

Dr. Grant Edwards completed his B.S. at Truman State University in Kirksville, Mo., where he completed two academic years of research and augmented his research experience with two summer positions at Texas A&M University. He then completed his Ph.D. at Iowa State University in 2006 before joining NKU as the director of instrument facilities. His primary responsibilities include maintenance of the scientific instruments within the department, education of the students and faculty of the various uses of the instruments and teaching various laboratory courses.

**GWEN FIELDS**  
**LECTURER**

Gwen Fields received her B.S. in chemistry from Thomas More College in 1991 and her M.S. from the University of Cincinnati in 1993. She is one of the most versatile lecturers in the department, having taught nearly every course offered by the department. However, she typically teaches both organic and general chemistry each semester. In addition to teaching responsibilities, she also is the primary advisor for all the pre-pharmacy chemistry majors. Her husband, Kurt, is a pharmacist with the Kroger Co. She and Kurt have three children: Whitney,

Jillian and Chase. In their spare time they enjoy boating.

**VERN HICKS**  
**Professor**

Vern Hicks has been our only physical chemist since he started teaching at Northern in 1972. He received his B.S. in 1965 from Emory and Henry College and his Ph.D. from Vanderbilt in 1974. He teaches general chemistry, chemistry and society, introduction to chemistry and, of course, physical chemistry. He received the NKU Outstanding Professor Award in 1993 and the KSTA Outstanding Science Teacher Award for Post-Secondary Teachers in 2000. He and his wife, Ann, an organic chemist teaching at Thomas More since 1980, have two reaction products: Don, fluent in Japanese and working at Fidelity in northern Kentucky, and Polly, married to Mike and working in Seattle for NOAA. Hicks plans to retire at the end of the 2007-08 academic year to Golden Pond with his wife, a bevy of turtles and a cat or so. Rumor has it that his vacated office is too dangerous for rehabilitation and will be converted into a pocket landfill.

**ROBERT KEMPTON**  
**Regents Professor**

Following two years as a postdoctoral student at University of Illinois, Dr. Robert Kempton started teaching organic chemistry at NKU in 1976. Before that he received his Ph.D. from Fordham University in 1975, M.S. from Auburn in 1969 and B.S. from St. Peter's College in 1966. Kempton has been the leader in establishing undergraduate research on campus and still works with students each year. He teaches organic chemistry, spectroscopy and advanced organic synthesis and received the honor of Regents Professor in 1993. He has three children: Jeanne, Kate and Rob. Kempton and his wife, Dorothy, enjoy traveling and golfing.

*Back row: P. J. Ball,  
Vern Hicks, and  
Grant Edwards.  
Front row:  
Heather Bullen and  
Gwen Fields.*



## **VINAY KUMAR** **Professor**

Dr. Vinay Kumar began teaching general chemistry in the fall 1970 and holds the distinction of being the first chemistry faculty hired by NKU (then Northern Kentucky State College). Kumar received his M.S. from State University of New York at Oswego in 1967 and his Ph.D. from the University of Cincinnati in 1970. Kumar teaches analytical chemistry, instrumental analysis, chemistry and society, and introduction to chemistry. He and his wife, Sunila, have two children, Shalini and Roop, and three grandchildren. He began phased retirement in fall 2007.

## **ISABELLE LAGADIC** **Assistant Professor**

Dr. Isabelle Lagadic is our newest faculty member, joining us in August 2007. She received her doctorate in 1994 from the Université of Paris-Sud (Orsay, France). She taught at both Oklahoma State University and the University of Connecticut and also worked for Nanoscale Materials, Inc., a start-up company located in Kansas. She will teach general chemistry lecture and lab and inorganic chemistry lab. In her spare time she enjoys cooking and biking.

## **DIANA MCGILL** **Associate Professor**

As a student at NKU in 1980, Dr. Diana McGill took chemistry classes from Drs. Hicks, Kempton, Kumar, Niewahner and Oliver and found her calling when she took biochemistry. She graduated in 1984 with a double major in biology and chemistry and received her Ph.D. from Harvard University in 1991, completing postdoctoral work at the University of Cincinnati College of Medicine. In 1993 she joined her former professors as a colleague at NKU, becoming the department chair in 2003.

She teaches biochemistry and chemical writing and information. She and her husband, Tom, have two children: Emily, a senior at DePauw University, and Stephen, a freshman at Bucknell University. They enjoy camping, hiking and soccer.

## **JIM NIEWAHNER** **Professor**

Dr. Jim Niewahner began his career at NKU in 1970 as an academic counselor and financial aid officer after receiving his Ph.D. from Colorado State University. He has taught mostly general chemistry but has also taught organic chemistry, inorganic chemistry, physiological chemistry, and chemistry and society. When he is not teaching he likes to hike, backpack, bike and kayak. He plans to retire at the end of 2008 and spend time with his wife, Linda, spoiling their three grandchildren.

## **LAURA PADOLIK** **Lecturer**

Dr. Laura Padolik began teaching at Northern in 1993 after doing postdoctoral work at the University of Cincinnati. She received her B.S. from St. Louis University in 1985 and her Ph.D. from The Ohio State University in 1990. Although she mostly teaches general chemistry lecture and lab, she also teaches introduction to chemistry and chemistry and

society. She is married to Dr. Peter Padolik, who is a faculty member of the Department of Chemistry at UC. They have two sons, Zach and Andrew. Padolik enjoys crocheting, exercising, and watching her sons play soccer.

## **STEFAN PAULA** **Assistant Professor**

Dr. Stefan Paula joined NKU in 2004 after a postdoctoral appointment at the University of Cincinnati College of Medicine. He received his diploma in chemistry (equivalent to an M.S.) from the University of Kaiserslautern, Germany, in 1992 and his Ph.D. in 1998 from the University of California at Santa Cruz. Before coming to the Cincinnati area, he spent two years at the Max Planck Institute of Biochemistry in Munich as a postdoctoral research associate. Paula teaches biochemistry lecture and lab and physical chemistry lab. Paula's wife, Wendy Kline, is a history professor at UC; they have two children, Max and Emily, and enjoy listening to a wide variety of music and dining.

## **K. C. RUSSELL** **Associate Professor**

Dr. K. C. Russell received his B.S. at Oregon State University and his Ph.D. from the University of Arizona. He then traveled to Strasbourg, France, to work under the tutelage of 1987 Nobel

# Department of Chemistry **Full-time Faculty**

*continued*



*Back row: Stefan Paula,  
Diana McGill, and  
Jim Niewahner.  
Front row: Laura  
Padolik and Isabelle  
Lagadic.*

Department  
of  
Chemistry  
**Full-time  
Faculty**

*continued*

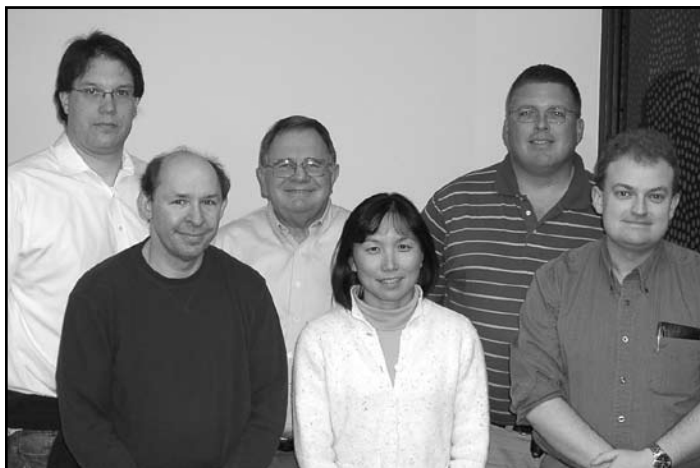
Laureate Jean-Marie Lehn. Russell returned to the U.S. to work as a postdoctoral fellow at Columbia University and began his academic career in 1995 at the University of Miami (Florida). In 2001 Russell joined the faculty at NKU. He teaches organic chemistry, chemistry seminar and advanced organic chemistry. He received the Outstanding Junior Faculty Award in 2004. Russell is an avid tennis player and helps coach the NKU varsity teams. Russell, his wife, Betti, and their 3-year-old son, Kyle, like to spend their weekends geocaching.

**BRAD SIEVE**  
*Lecturer*

Dr. Brad Sieve obtained his Ph.D. from Michigan State University in 2002 and completed a postdoctoral position at Iowa State University and Ames Laboratory. Sieve teaches general chemistry, physiological chemistry, organic chemistry, introduction to chemistry, and chemistry and society. Sieve enjoys playing racquetball and basketball. He and his wife, Heather, live in Covington, Ky.

**KEITH WALTERS**  
*Assistant Professor*

Dr. Keith Walters came to NKU in 2002 after a two-year postdoctoral position at Northwestern University. He received his B.S. from Furman University in 1996 and his Ph.D. from the University of Florida in 2000. Walters teaches general chemistry, history of chemistry, inorganic chemistry, organometallic chemistry and materials chemistry. He received the Outstanding Junior Faculty Award in 2007. Outside of work, Walters spends time with his wife, Lisa, and son, Andrew. Together they enjoy hiking, geocaching and the zoo.



*Back row: Brad Sieve, C. William Blewett, and Stuart Oehrle.  
Front row: K. C. Russell, Julia Bedell, and Keith Walters.*

## Upcoming Events

**February 9, 2008**

### **Alumni Reunion/Open House**

An alumni reunion and open house is being planned for Saturday, February 9, 2008 in the Dorothy Westerman Herrmann Natural Science Center at the 4th floor atrium. The event will begin at 3:00 p.m. with welcoming remarks by Dr. Diana McGill, chair of the Department of Chemistry. Refreshments and hors d'oeuvres will be provided. You will be able to attend the reunion and see the Homecoming basketball games which begin at 5:30 p.m. We would love to hear how you are doing! Meet new faculty and staff in the department! (The "face" of the department is changing rapidly). Renew your friendships with former classmates and establish new friendships with other chemistry alumni! See the research our students are doing! Get a tour of our new labs, instrumentation, and teaching space! If you know of graduates who did not receive this newsletter or an invitation to the reunion/open house, please have them contact Ms. Tiffany Freytag, administrative assistant at 859-572-5409 or e-mail [freytagt1@nku.edu](mailto:freytagt1@nku.edu) or Dr. Jim Niewahner 859-572-6363, [niewahnerj@nku.edu](mailto:niewahnerj@nku.edu) for reservations. We are looking forward to seeing all of our graduates and hope that all of you will be able to attend this event.

**April 17, 2008**

### **Chemistry Celebration Banquet**

The fourth annual Chemistry Celebration Banquet will be held Thursday, April 17, 2008, at Stables Restaurant in Cold Spring. This event honors the graduating seniors and those inducted into the Gamma Sigma Epsilon Chemistry Honor Society. The parents and spouses of these students are also invited to attend.

## JULIA BEDELL

Julia Bedell began teaching for the department in 1992 as a full-time lecturer. After six years she progressed to a permanent lecturer position and served in this capacity until 2003. Bedell received her B.A. ('85) and M.S. ('87) from Duke University. In 1988, she became interested in chemical education, obtained a chemistry teacher's certification and taught at the secondary level. She currently teaches part time for NKU. She and her husband, Chris, have two children: Jonathan, a sophomore at St. Xavier High School, and Emily, an eighth-grade student at Blessed Sacrament Elementary School.

## C. WILLIAM BLEWETT

Dr. C. William Blewett joined the department in the spring of 2004 as a part-time instructor teaching general chemistry labs. Blewett retired in October of 2001 after 33 years with Cognis Chemicals. He was also a part-time instructor at the University of Cincinnati from 1975 to 1992. Blewett received his B.S. at Thomas More College in 1963. His graduate studies were carried out at MIT and the University of Cincinnati, and he received his Ph.D. from UC in 1969. He and his wife, Mary, have five children and seven grandchildren. He enjoys bridge, vegetable gardening and being volunteer staff driver for the Cincinnati Association

for the Blind and Visually Impaired.

## RICHARD (DICK) BLOSS

In 2007 Dick Bloss began his 25th year of teaching part time for the department. He was employed as a research chemist and data processing specialist with a local industrial chemical company for seven years and for the last 20 years has worked as an information technology manager for Fifth Third Processing Solutions. He received his B.S. ('77) and M.S. ('79) from Ball State University and has done additional graduate work at the University of Colorado. He and his wife, Susan, enjoy reading, traveling, hiking and geocaching. Bloss is proud of his two children, Lindsay, 21, and Carl, 16, and enjoyed coaching their softball and baseball teams for 12 years.

## DAVID LEDDEN

David Ledden has been teaching part time in the chemistry department since 1981. He has been at St. Henry District High School the past seven years. Prior to that he taught for nine years at Boone County High School and for 18 years at Beechwood High School. Ledden received his B.S. from the University of Cincinnati ('67) and his M.S. from Xavier University ('74). He also holds the Rank I in Education from Northern Kentucky University ('82). He

and his wife, Donna, raised three daughters, Amy, Jennifer and Rebecca. Ledden also sings (bass) with the Florence Community Chorus. In addition to teaching, he enjoys traveling, reading and music, particularly classical.

## STUART OEHRLE

Stuart Oehrle is a senior field chemist for Waters with more than 17 years of tenure there. He is the lab manager of the Waters field lab located at Northern Kentucky University, where he is also a part-time instructor for us. He and his wife, Carol, have three children: Melissa, a high-school junior, Luke, a second grader, and Julia, who passed away in 2001.

## JIM STACEY

Jim Stacey has a master's degree in education with minors in biology and general science. After teaching middle-school science for 14 years, Stacey taught high-school biology and physical science. In 1992, he began his college-level teaching experience at NKU with general biology lab and has also taught introduction to physics and introduction to chemistry. He now teaches the chemistry and society course for non-science majors. Stacey and his wife, Gayle, enjoy hiking, traveling and cheering for the Reds and the Bengals.

# Department of Chemistry Part-time Faculty

## Department Statistics

Year	Chemistry Majors	Full Time Faculty	Research Students	Students presenting at the ACS National Meeting
1987	21	7	7	0
1997	89	11	10	2
<b>2007</b>	<b>209</b>	<b>15</b>	<b>44</b>	<b>17</b>

*Developing chemists for today and tomorrow.*

## Department of Chemistry Staff

### **TIFFANY FREYTAG** *Administrative Assistant*

Tiffany Freytag, the most recent hire in the department, started August 1 as the academic specialist, taking over responsibilities shared by Pat Ponte and Gayle Vaughn. She has an Associate of Applied Science in Aviation Administration and a Bachelor of Organizational Studies from NKU. She has her private pilot license and spent a few years flying a Cessna 172. She is married to Dave and they share six children ages 21, 17, 12, 10 and twins 8. She enjoys entertaining family and friends on their screened-in porch that Dave and his Dad built.

### **BRITTNEE INMAN** *Freshman Laboratory Coordinator*

Brittnee Inman joined NKU in December of 2006 as the freshman laboratory coordinator replacing Gini Vance. Inman received her bachelor's degree from Ohio University in Athens just prior to joining the department. While at OU Inman was the president of the Pre-Pharmacy Club, a member of the professional chemistry fraternity, Alpha Chi Sigma, and a volunteer for Habitat for Humanity. Some of her interests include running, biking, cooking and scrapbooking. She and her husband, Sean, currently live in Batavia, Ohio.

### **KRIS MASON** *Stockroom Manager*

Kris Mason started working at NKU in August of 2006. Prior to coming to NKU, she was employed as the quality control supervisor for Univar USA Inc., technical director of Green Industries and her first job after graduating with a B.S. from Michigan State University was for Duramed



*From left to right: Kris Mason, Tiffany Freytag, and Brittnee Inman*

Pharmaceuticals. She has three children: Sean (7), Becky (6), and Beth (4). (A fourth child, Susan, died at 11 months from a genetic disorder.) Mason

coaches soccer, shuttles kids, reads, gardens, crochets and does woodworking and crafts. She is also a certified American Orchid Society Judge.

## **Chemistry Alumni Association**

The Chemistry Alumni Association is being developed in order to keep an updated profile of the chemistry graduates of NKU. We ask that all chemistry graduates register with the Chemistry Alumni Association (no fee) so that the Department of Chemistry has updated information about its graduates. The Chemistry Alumni Association will be used primarily to keep the department informed about your whereabouts and your accomplishments. We will use your postal and e-mail addresses only periodically to send information to you about the department and your fellow alumni. To register go to <http://alumconnect.nku.edu> and click on Alumni Clubs, then Chemistry Alumni Association, and finally on "Click here to register." You need to enter your last name (at the time you graduated) and birthday. Please provide us with as much information as you care to share with us, and update the information as often as you care to. We greatly appreciate your "joining" the Chemistry Alumni Association.

## **Chemistry Alumni News**

**ALLEN EASTON ('01)** graduated with his Ph.D. in chemistry this year from Miami University. He is now at Penn. State doing postdoctoral work. He and his wife, Susan, had their first child this fall.

**MIKE NICKELS ('01)** and **MEAGAN MANN ('03)** tied the knot this past November. Mike earned his Ph.D. in chemistry last year, and Meagan will earn her Ph.D. this spring – both from University of Illinois. They will be moving to beautiful Tennessee where Meagan will be teaching at Austin Peay State University.

**DOUG MILLAY ('02)** spent a year teaching chemistry at Newport Central Catholic. He also won coach of the year as head coach of the boys' soccer team. Doug is currently at the University of Cincinnati where he is working on his Ph.D. in biochemistry.

## BILL OLIVER

Bill Oliver retired in May 2007 after 35 years at NKU. He came to NKU in 1972 following three years as a research chemist for Procter and Gamble. Oliver served as both the last chairman of physical sciences and the first chairman of the Department of Chemistry, which became a separate department in 1988. Of all his dedicated work in support of the university-wide community he deserves particular acknowledgement, along with the other science chairs at the time, for getting NKU a first-rate science building. Oliver and his wife, Marla Smoot, live in Crittenden, Ky. He has

many interests, among them the theater, where he has been found not only in the audience but also on stage as a cast member in several productions. He also enjoys traveling, particularly to the southwest, reading, taking care of Clyde the cat and rooting for the Bengals.

## PAT PONTE

Pat Ponte began her part-time position as administrative assistant in 1999 when Gayle Vaughn changed from full time to part time. After nearly eight years of service to the department, she retired in August 2007. She and her husband, Dick, plan to do some traveling.

## JOANN ROSE

Joann Rose began her 25-year career as the Department of Chemistry's stockroom manager in June 1981. Rose took on the role of hazardous waste manager for the department in the late 1980s or early 1990s to keep the department in compliance with local, state and federal regulations. In 2004 Rose was the major force behind moving the department from the old science center to the new one. During her years at NKU, she mentored numerous student stockroom assistants in preparing solutions and setting up the labs.

## GINI VANCE

Gini Vance started her position as freshman laboratory coordinator in May 1997. She was always interested in teaching and was happy to have the opportunity to teach freshman laboratory courses in general chemistry and chemistry and society. During the past several years she took additional education courses to complete her Master of Education in May 2007. Vance left NKU in July 2007 to begin her teaching career at Boone County High School.

## GAYLE VAUGHN

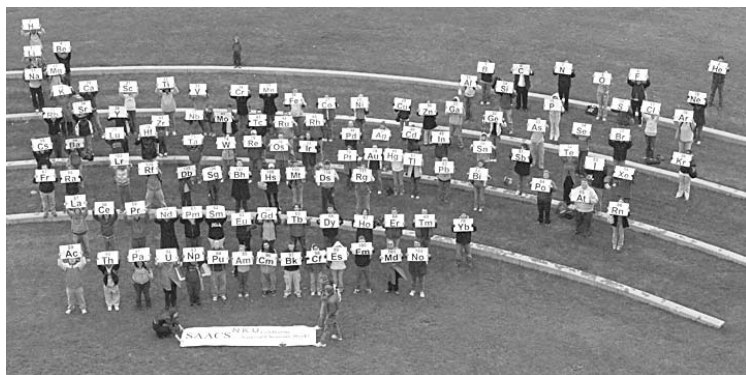
Gayle Vaughn began her long career as department secretary and later as administrative assistant in January 1988, the same year that the Department of Chemistry was formed after splitting away from the Department of Physical Sciences. In 1999 she changed her status to half time and continued in the role of administrative assistant until her retirement in May 2007. Until Gayle began job sharing with Pat, she was the only administrative assistant to ever serve the department.

Department  
of  
Chemistry

# Retirements and Departures

## Research and Grant Activity

Many of the chemistry faculty actively involve students in their research. During each of the past few years an average of about 35 students per year have participated in research. Several of the students as well as faculty have presented papers and posters at local, state, and national meetings. The faculty have received both internal and external funding in excess of \$1 million from various agencies including NKU's Center for Integrative Natural Science and Mathematics, NSF EPSCoR, Research Corporation, ACS Petroleum Research Fund, Kentucky Biomedical Research Infrastructure network (KBRIN), The Camille and Henry Dreyfus Foundation, and an Academic Research Enhancement Award (AREA).



*Human Periodic Table  
Mole Day Celebration, October 23, 2006*

# Department Organizations

## Student Affiliates of the American Chemical Society

The Student Affiliates of the ACS is the college student arm of the ACS and is charged with promoting professional development, peer support and chemistry awareness among those studying the chemical sciences. The NKU SAACS chapter was initiated in 1974 and has been one of the most active chapters in the Cincinnati area. SAACS has been involved in organizing seminars, holding fundraising activities throughout the year, providing students with social activities such as hiking, bowling and ice cream socials and providing service to the northern Kentucky community by giving chemistry demonstrations at local libraries, participating in Adopt-A-Highway project, sponsoring a disadvantaged family for Christmas and promoting undergraduate research by helping to pay travel costs for research students attending meetings. Drs. Heather Bullen and Keith Walters are the faculty sponsors.

## Gamma Sigma Epsilon

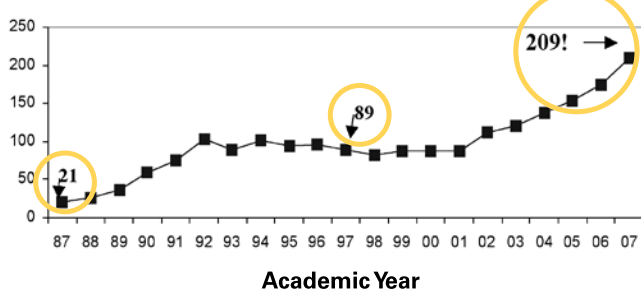
The NKU chemistry department was awarded a charter for the Zeta Delta chapter of the Gamma Sigma Epsilon Chemistry Honor Society in 2005. Chemistry and biochemistry majors are eligible for membership when they receive a 3.0 GPA or higher in general and organic chemistry and maintain a 3.0 GPA or higher in both their NKU and chemistry courses. To date 26 students have been inducted into our chapter at our annual Chemistry Celebration Banquet held every spring. Drs. Heather Bullen and Keith Walters are the faculty sponsors.

## Chemistry Advisory Board

The Department of Chemistry Advisory Board has been established to evaluate our program and to make recommendations for improvement that would help our students meet their career goals. In general the board will have members from various sectors of the field of chemistry including industrial chemistry, graduate school, professional school, high school, etc. The board met for the first time in October. Current board members are: Dr. Fred Bassett, Lifelong Learning Center, University of Cincinnati; Kathy Gibboney, Procter & Gamble; Greg Neal ('85), President, Advanced Testing Laboratory; Dr. Laura Sams ('85), U.C. Physicians; Dr. Jack Selegue, Professor of Chemistry, University of Kentucky; Dr. Joel Shulman, retired, Procter & Gamble.

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## Increase in Chemistry Majors



**NKU**  
NORTHERN  
KENTUCKY  
UNIVERSITY

Department of Chemistry  
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Nunn Drive  
Highland Heights, Kentucky 41099