In this newsletter a year ago, we reported that we had received a generous gift of $7.5 million from the Swenson Family Foundation toward the construction of a new chemistry and biology building. In May of 2002, the Minnesota Legislature approved state funding for this project and we broke ground for the Swenson Science Building in July. We would like to describe the progress and activities associated with this exciting and exceptional venture.

The new building is dedicated to experimental science in chemistry, biology and the interdisciplinary fields that span them. We will locate all of our freshman general chemistry, sophomore organic chemistry and junior/senior biochemistry and molecular biology (BMB) instructional labs in the new building. As you know, the first two are our high enrollment courses (nearly 600 students start general chemistry and nearly 300 students start organic chemistry each year). We have now outgrown both the space in our current building and its 1950 lab design. The Swenson Science Building has been designed to support instruction in modern chemistry. The laboratories will accommodate increased use of instrumentation, computers and fume hoods and promote student group work and improved safety. In addition, the department will have increased capacity to offer sufficient lab sections for the growing number of students interested in the sciences.

Many of you took the BMB lab courses in a temporary location in MWAH
Greetings From the Department Head

Dear Friends and Graduates of the UMD Chemistry Department:

The Chemistry Department continues to be an exciting and busy place in spite of the financial situation in the State of Minnesota. How all of this will play out is uncertain at this time but I am sure we will survive.

Dr. Harriss decided early last summer that he would retire at the end of 2002 and he has done so. He remains around the department and is still active with the faculty union. Dr. Caple has an additional year of his phased retirement and is still involved in his usual activities, particularly in the international arena.

The Department is actively involved in the recruitment of new faculty, particularly in the broad area of biochemistry. The School of Pharmacy is opening a program at UMD and one of the first faculty members will be in Chemistry. In addition, the search for a biochemist that was begun last year is continuing. We are hopeful that both of these searches will be successful. This is a growing and important area and staffing is crucial.

The bids for the new Swenson Science Building were opened in December and were quite favorable. This building, to be completed in 2005, will house state-of-the-art laboratories for general chemistry, organic chemistry and biochemistry as well as the offices and research laboratories for the biochemistry faculty. For the first time in our history the department will be split between two buildings and the resulting logistical problems will be challenging, especially for the staff.

The support of graduates is essential to the continued success of a department and is no less important to us. Your comments on the education you received at UMD and how it impacted you in your additional academic training and/or in your career provides us with information that helps us evaluate how we are doing. Moreover, your financial support provides the next generation of students with opportunities that otherwise would not be available to them.

On a personal note, I will be retiring in June after 43 years at UMD. It has been my pleasure to have had nearly all of you as students and to watch your successes over the years. Chemistry will still be a part of my life and I hope in retirement at last to publish those papers I have neglected.

Sincerely,

Larry C. Thompson
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because the Chemistry Building could not house them. We are excited that these courses will move to two laboratories in the new building similarly designed to support increased BMB instrumentation, computing, team work and safety. In addition, the proximity of these labs to related teaching labs in biology (molecular biology, cell biology, etc) will promote the sharing of equipment and teaching pedagogies, and the development of new experiments.

Chemistry will occupy four research labs with associated support spaces in the Swenson Science Building. Each of these labs will have a “bio” focus including biochemistry, bioorganic chemistry, etc. With the presence of several biology research labs in the same building, there have been many opportunities to design and assign space to promote shared equipment and services. We anticipate a healthy exchange of ideas and laboratory methods and techniques that might lead to fruitful interdisciplinary collaborations. In addition, the research enterprise in both departments will be significantly enhanced by the ability to accept more undergraduate, graduate and post-graduate students into our research labs. With our commitment to undergraduate research, we are especially pleased that we will be able to respond to the growing interest among students in this important activity. We have included design features to highlight undergraduate research with display space and common areas for poster presentations.

Finally, we are pleased to report that the actual ground breaking began this past spring. Because the construction bids were very favorable, we will be able to complete the entire building and be assured of a first class laboratory science building. We will move into the building in January of 2005.
To Baku and Back

Last October, Ron Caple and Viktor Zhdankin visited Baku State University, the highest-level university in the Republic of Azerbaijan. Azerbaijan is a predominantly Muslim country (8 million people) bordering Iran, Turkey, Armenia, and Russia. Azerbaijan, as one of the newborn independent states formed as a result of the disintegration of the former Soviet Union in the early 1990's, has become one of the closest US allies in Central Asia. Located on the southwestern shores of the oil-rich Caspian Sea, Azerbaijan is the largest new oil and natural gas site in the world.

Ron and Viktor were invited to Baku, the capital of Azerbaijan, by the University President, and Chemistry Professor, Dr. Abel Magerramov. Ron and Viktor have known Abel since the 1970's, when he was a graduate student at Moscow State University. (Abel visited UMD for two months in 1995-1996 for a cooperative research project in synthetic organic chemistry, and ended up having major corrective heart surgery in Duluth.) This was their second visit to Azerbaijan and they were pleasantly surprised by changes in the university and the city funded by the substantial oil revenue. The university, with a total enrollment of about 14,000 students, is in the process of major reconstruction. Several new buildings were built or completely remodeled in the last two years. A new Center of American Culture, which hosts faculty from the USA and Great Britain, was recently opened.

Ron and Viktor spent a busy week in Baku. They lived in a special complex for guests of the Republic's President (their neighbors were the President of Romania and the former Prime Minister of Russia). Each day they had meetings with students and faculty of Baku State University and with government officials. Both Ron and Viktor gave research seminars, which were attended by several hundred chemistry students and faculty. Students asked numerous questions after the presentations, where they demonstrated an excellent knowledge of chemistry and reasonably good skills in English. The seminars were followed by extended research discussions with faculty.

A protocol for the promotion of future scientific and educational collaboration between UMD and BSU was signed by BSU administration and forwarded to Chancellor Martin at UMD.
Dr. Josef Werne joined UMD in March of 2002. He has a joint appointment in the Department of Chemistry and the Large Lakes Observatory. He came to UMD from Texel, The Netherlands, where he worked as a Postdoctoral Researcher in the Department of Marine Biogeochemistry and Toxicology at the Royal Netherlands Institute for Sea Research.

Dr. Werne received his M.S. and Ph.D. in Geological Sciences (Biogeochemistry), from Northwestern University in 2000. He received a B.S. degree in Geology from Denison University in Granville, OH, in 1995. His research interest is in the area of Organic and Stable Isotope Biogeochemistry. In addition to teaching courses in general chemistry and Water Resources Science, Dr. Werne has developed and taught graduate level special topics courses in his area of interest.

Dr. Gilles Muller joined the Department of Chemistry in 2001, working as a postdoctoral scholar with Dr. Jim Riehl. He is now an assistant professor in the department, teaching general chemistry.

Dr. Muller is a citizen of France who received his Ph.D. in Coordination Chemistry at the University of Lausanne, Switzerland in 2000. He earned his B.S. and M.S. in Chemistry at the University Louis Pasteur, Strasbourg, France. His research focuses on the design of luminescent triple helical lanthanide complexes with chiral ligands and, more recently the study of these and other chiral lanthanide complexes by circularly polarized luminescence.

Mrs. Patricia (Pat) Splan has been teaching in the UMD Chemistry Department for many years. Pat is a native of Duluth and attended high school at Stanbrook Hall. She received her B.S. in Chemistry and Mathematics in 1963 and her M.S. in Physical Chemistry and Minor in Mathematics in 1976, both from UMD.

She first taught at UMD in 1967, after four years of teaching high school chemistry and mathematics in Los Angeles, CA. The Department tried for a number of years to hire her but she declined until 1987. Since then, she has worked at UMD almost continuously, as an instructor in general chemistry. Pat has advised many chemistry students over the years, has been actively involved in developing the curriculum for the general chemistry course, and has participated fully in departmental activities. She has also taught Quantitative Analysis at the University of Wisconsin-Superior and high school chemistry at the Marshall School.

Her main reason for not joining the Department before 1987 was her desire to focus on spending time with her children. This must have been successful, as two of her children are currently Ph.D. candidates in Chemistry at UW-Madison and Northwestern University.
Donald K. Harriss Retires

Professor Donald K. Harriss retired from the Chemistry Department on January 15, 2003, after 39 ½ years on the faculty. Many of you will remember Dr. Harriss, who taught classes ranging from elementary general chemistry to quantum mechanics during his years in the department.

Don came to UMD in 1963, having just received his Ph.D. in Physical Chemistry from Northwestern University. He earned his B.A. degree in Chemistry from Southern Illinois University in 1959. His research areas were in nonintegration methods in quantum chemistry and quantitative structure activity relationships.

Don’s analytical insights were legendary and he was often given assignments to analyze university data. He served in a number of administrative positions at UMD, including Head of the Chemistry Department as well as Vice-Chancellor for Academic Administration. He also served as Coordinator of Institutional Research from 1976 to 1982 and as Director of the Supportive Services Program from 1971 to 1973 (both programs which he developed). He was also on the Governor’s Commission that proposed and established the Natural Resources Research Institute.

He was, and still is, active in the faculty union (University Education Association), where his tireless efforts have earned him a reputation as a determined advocate for faculty rights and champion of the underdog. With both academic and administrative experience in the university, Don has a unique perspective which makes him an effective negotiator. He served as UEA President from 2000-2002 and is currently serving as Chief Negotiator. He plans to continue his involvement with the UEA during his retirement.

For the past several years Professor Harriss has taken the lead in departmental development initiatives. His ongoing efforts have produced a detailed and up-to-date database of departmental alumni. We use this database to extract information for reports on the program, create mailing lists for things like Transitions and alumni surveys, and identify a pool of potential donors. Don is currently focusing on building an endowment from contributions to our UMD Chemistry Graduate Student Fund, which will help support our graduate students over summers.

In addition to his work at UMD, Professor Harriss was involved in a number of professional and honor societies, including Pi Mu Epsilon, Phi Lambda Upsilon, and the Society of the Sigma Xi. He has been especially active in the American Chemical Society (ACS), where he has served as Councilor for the Lake Superior Section for 9 years. He also served on the Membership Affairs Committee, the Subcommittee on Retention and Diversity and a Task Force on Senior Chemists.

Though he is officially retired, we expect to see Don around the department frequently, as he continues his work in development and the UEA.
<table>
<thead>
<tr>
<th>Name</th>
<th>Advisor</th>
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<tr>
<td>Nabamita Basak</td>
<td>L. Drewes</td>
<td>Cerebral Vascular Proteomics</td>
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<tr>
<td>Robin Beck</td>
<td>P. Kiprof</td>
<td>Chemistry and Applications of Benzoboroxoles</td>
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<tr>
<td>Hilina Emiru</td>
<td>R. Caple</td>
<td>Electrophilic Addition on Episulfonium Intermediate Ions Containing a</td>
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<td>R. Lazareva</td>
<td>Complexed Carbon-Carbon Triple Bond</td>
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<tr>
<td>Melissa Frank</td>
<td>P. Kiprof</td>
<td>Stabilization of Carbocations</td>
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<td>Timothy Freitag</td>
<td>P. Kebbekus</td>
<td>Stacking Conformations of RNA Three-helix Junctions</td>
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<tr>
<td>Jon Herschbach</td>
<td>V. Zhdankin</td>
<td>Preparation, Structure, and Chemistry of Phosphoranyl Derived Iodanes</td>
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<tr>
<td>Amanda Hodgson</td>
<td>P. Kebbekus</td>
<td>Phasing of RNA with Two A5 Bulges by Native Gel Electrophoresis and Transient</td>
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<td>Electric Birefringence</td>
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<td>Nick McGrath</td>
<td>R. Caple</td>
<td>Systematic Modification of β-Cyclodextrin</td>
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<td>R. Lazareva</td>
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<tr>
<td>Dustin Nelsen</td>
<td>P. Kiprof</td>
<td>High-Valent Arene Complexes of Less-Substituted Arenes and Polyarenes</td>
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<td>Brian Netzel</td>
<td>V. Zhdankin</td>
<td>Synthesis of Amino Acid Derived Hypervalent Iodine Compounds</td>
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<td>Shainell Oachs</td>
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<td>Nathan Smischney</td>
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<td>Joseph Solein</td>
<td>C. Giulivi</td>
<td>Cryopreservation of Respiratory Control Ratios in Intact Mitochondria</td>
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<tr>
<td>Nate Traaseth</td>
<td>C. Giulivi</td>
<td>Identification and Quantification of Oxidative Stress-Derived Tyrosine</td>
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<td>Products in Biological Samples</td>
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<td>Troy Voeltz</td>
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<tr>
<td>Susan Wimmer</td>
<td>R. Caple</td>
<td>CE Analyses of Eucalyptus Extracts</td>
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<td></td>
<td>D. Poe</td>
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Sixteen students participated in the UMD Department of Chemistry 2002 Summer Undergraduate Research Program (SURP). Research grants, the Swenson Family Foundation and departmental resources provided student support and money for supplies, chemicals and equipment.

Each student worked on a research project for ten weeks. Faculty in the Departments of Chemistry and Biochemistry and Molecular Biology supervised the projects. In addition to working on their research projects, students attended an orientation and safety training program, prepared and displayed research posters for the Summer Undergraduate Research Program Poster Fair and wrote final reports at the end of the program. They played volleyball, had three picnics and met informally on other occasions.

Paul Kiprof, Director, SURP 2002
Chemistry Department 2001-2002

Swenson Science Building Groundbreaking

Nate Traaseth, SURP Research

One of Many SURP Picnics
Chemistry Department 2001-2002

The Start of Construction on the Swenson Science Building

Sarah Elfering in Dr. Giulivi’s Research Lab

Dave Marklund, Laboratory Services Coordinator
2001 – 2002 Department of Chemistry Awards

Front Row (Left to Right): Renee Griffith, Yini Wang, Hilina Emiru, Pamela Walsh, Elizabeth Larson, Jacqueline A. Geissler, Shainell Oachs, Melissa Hauglund


Back Row (Left to Right): Jason Dauffenbach, Jeffrey Lind, Duane Undeland, Alexey Koposov, Kaleb Lund, Nathaniel Traaseth, Jason Kallestad

Swenson Family Foundation Scholarship for Academic Excellence
Elissa Buresh Wadena, MN
Nathan Dahl Beach, ND
Jason Dauffenbach Mankato, MN
Bobbi Jo Eckel Long Prairie, MN
Renee Griffith Iron River, MI
Briana Johnson Hibbing, MN
Kevin Kane Apple Valley, MN
Amanda Smith Iron, MN
Amanda Waters Glencoe, MN

CRC Freshman Chemistry Achievement Award for Excellence in General Chemistry
Andrew Regenscheid St. Peter, MN
Pamela Walsh Lino Lakes, MN
Renee Griffith Iron River, MI
Jeffrey Lind Sauk Rapids, MN

Achievement in Organic Chemistry (ACS) Award
Stephen Brose Cass Lake, MN

Undergraduate Analytical Chemistry Award
Duane Undeland Aurora, MN

James H. Maguire Scholarship
Bobbi Jo Eckel Long Prairie, MN
Nick McGrath Fairmont, MN

HyperCube Scholar Award
Nathaniel Traaseth Brooklyn Park, MN
2001 – 2002 Department of Chemistry Awards

Lake Superior Section of ACS Outstanding Senior
Jeremy Peterson Lindstrom, MN

John C. Cothran Memorial Fellowship
Michael Bulinski Forest Lake, MN
Alexey Koposov Reutov, Russia
Sergiy Krasutsky Kiev, Ukraine
Kaleb Lund Salt Lake City, UT
Yini Wang Lanzhou, China

The American Institute of Chemists Outstanding Senior
Elizabeth Larson Gilbert, MN

Casmir Ilenda Award for Outstanding Undergraduate Research
Jeremy Carlson Oakdale, MN
Melissa Hauglund Donnelly, MN

Biochemistry and Molecular Biology Outstanding Senior
Cyndy Bina Hugo, MN
Jacqueline Geissler Chippewa Falls, WI

F. B. Moore Academic and Leadership Award
Cyndy Bina Hugo, MN

Departmental Honors
Jeremy Carlson Oakdale, MN
Jacqueline Geissler Chippewa Falls, WI
Tangayi Githu Nairobi, Kenya
Jonathan Herschbach Bovey, MN
Amanda Hodgson Merrill, WI
Jason Kallestad Hastings, MN
Luke Kroiss Woodbury, MN
Jeremy Peterson Lindstrom, MN
Kimberly Schoonover Bemidji, MN

Outstanding Graduate Teaching Assistant
Carl Sandness Duluth, MN

Robert W. Bayer Memorial Scholarship
Hilina Emiru Duluth, MN
Melissa Hauglund Donnelly, MN
Shainell Oachs Esko, MN
## Current Plans

<table>
<thead>
<tr>
<th>Name</th>
<th>Current Plans</th>
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<tbody>
<tr>
<td>Robin Beck</td>
<td>Chemistry Graduate Program, University of Minnesota Duluth</td>
</tr>
<tr>
<td>Cyndy Bina</td>
<td>Unknown</td>
</tr>
<tr>
<td>Erin Blomquist</td>
<td>Plant Biological Sciences Graduate Program, University of Minnesota</td>
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<tr>
<td>Jeremy Carlson</td>
<td>Employment at Tiro, Continuing Education (Medical School)</td>
</tr>
<tr>
<td>Jacqueline Geissler</td>
<td>School of Medicine, University of Wisconsin-Madison</td>
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<tr>
<td>Tangayi Githu</td>
<td>Continuing Education (Bioinformatics Ph.D. Program, University of Minnesota)</td>
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<tr>
<td>Jon Herschbach</td>
<td>Graduate Program, Medicinal Chemistry, University of Wisconsin-Madison</td>
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<tr>
<td>Kathryn Hertel</td>
<td>Employment, Women's Athletics, University of Minnesota Duluth</td>
</tr>
<tr>
<td>Renae Homich</td>
<td>School of Pharmacy, University of Minnesota</td>
</tr>
<tr>
<td>Melissa Jones</td>
<td>CELTA Certification, Teaching English as a Second Language in Poland for One Year</td>
</tr>
<tr>
<td>Jason Kallestad</td>
<td>Continuing Education (Medical School)</td>
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## Not Pictured
- Erin Blomquist, Jacqueline Geissler, Tangayi Githu, Kyle Riess, Lincoln Tilson
<table>
<thead>
<tr>
<th>Name</th>
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<tr>
<td>Kim Kolbeck</td>
<td>Physical Therapy Program, Mayo Medical Center</td>
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<tr>
<td>Luke Kroiss</td>
<td>Biochemistry Graduate Program, University of Colorado, Boulder</td>
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<tr>
<td>Elizabeth Larson</td>
<td>Employment, Mayo Clinic, Lab Technician</td>
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<td>Dan Morgan</td>
<td>Employment, Walgreen's Pharmacy Technician, Continuing Education (Pharmacy School)</td>
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<td>Jeremy Peterson</td>
<td>School of Medicine, University of Minnesota Duluth</td>
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<tr>
<td>David Rice</td>
<td>Continuing Education (Medical School)</td>
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<tr>
<td>Kyle Riess</td>
<td>Continuing Education</td>
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<tr>
<td>Sara Rouse</td>
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</tr>
<tr>
<td>Blake Talbot</td>
<td>Unknown</td>
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<td>Jason Theis</td>
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<tr>
<td>Lincoln Tilson</td>
<td>Unknown</td>
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<tr>
<td>Susan Wimmer</td>
<td>Employment</td>
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</table>
2002 Graduate Students Completing the Masters Program

**Front Row (Left to Right):** Olena Maydanovych, Shelly Rensink, Frank Modich, Carl Sandness

**Back Row (Left to Right):** Yanna Song, Sergiy Krasutsky, Jingyan Lu, Yini Wang

**Not Pictured:** Kaleb Lund

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<tr>
<th>Name</th>
<th>Current Plans</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sergiy Krasutsky</td>
<td>Chemistry Ph.D. Program, University of Utah</td>
</tr>
<tr>
<td>Jingyan Lu</td>
<td>Employment, Pace Analytical, Inc., Minneapolis, Minnesota</td>
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<tr>
<td>Kaleb Lund</td>
<td>Toxicology Ph.D. Program, University of Minnesota</td>
</tr>
<tr>
<td>Olena Maydanovych</td>
<td>Chemistry Ph.D. Program, University of Utah</td>
</tr>
<tr>
<td>Frank Modich</td>
<td>Law School, William Mitchell College of Law</td>
</tr>
<tr>
<td>Shelly Rensink</td>
<td>Employment, Lake Superior College</td>
</tr>
<tr>
<td>Carl Sandness</td>
<td>Employment, Lake Superior College and Fond Du Lac Community College</td>
</tr>
<tr>
<td>Yanna Song</td>
<td>Biostatistics Program, University of Minnesota</td>
</tr>
<tr>
<td>Yini Wang</td>
<td>Chemistry Ph.D. Program, University of Minnesota</td>
</tr>
</tbody>
</table>
“The Honors Program continues to thrive!”
Bob Carlson, Director

Front Row (Left to Right): Melanie Fearing, Erin Letzring, Alyssa Leidholm, Jeremy Peterson, Katherine Almendinger

Middle Row (Left to Right): Brittany Dahl, Jacqueline Geissler, Kimberly Schoonover, Elizabeth West, Nick McGrath, Amanda Hodgson

Back Row (Left to Right): Nate Traaseth, Stephen Brose, Nicholas Hoxmeier, Lindsay Elmquist, Erin Peterson, Bobbi Jo Eckel

Not Pictured: Jeremy Carlson, Tangayi Githu, Mary Herzog, Jason Kallestad, Luke Kroiss, Brian Netzel

The Honors Program of the UMD Department of Chemistry is designed to provide outstanding Chemistry majors and Biochemistry/Molecular Biology majors an opportunity to develop the ability to function as independent and competent research workers, to encourage them in their study of and interest in Chemistry or Biochemistry/Molecular Biology, and to aid in their transition from student to scientist.

There has been renewed interest in our Honors Program over the past several years, such that there are now 24 sophomores, juniors and seniors who participate. Although the formal minimum grade point average is 3.25, the cumulative "group average" has hovered around 3.8. The expectation is for each student to engage in about a year and a half of meaningful research with a faculty advisor and present the results at a formal seminar setting such as the Minnesota Academy of Sciences Undergraduate Symposium.

Department of Chemistry Honors Program Members 2001-2002

Seniors:
Jeremy Carlson
Jacqueline Geissler
Tangayi Githu
Jonathan Herschbach
Amanda Hodgson
Jason Kallestad
Luke Kroiss
Jeremy Peterson

Juniors:
Katherine Almendinger
Mary Herzog
Alyssa Leidholm
Erin Letzring
Nick McGrath

Sophomores:
Brian Netzel
Corey Olson
Kimberly Schoonover
Nathaniel Traaseth
Elizabeth West

Stephen Brose
Brittany Dahl
Bobbi Jo Eckel
Lindsay Elmquist
Melanie Fearing
Nicholas Hoxmeier
Annette Boman

Annette Boman, a gifted medical researcher at the University of Minnesota Duluth, wife of Peter Kebbekus and the mother of two young children, died Tuesday afternoon as a result of complications from cancer in St. Mary’s Medical Center in Duluth. She was 36.

Annette was born June 10, 1966, in Minneapolis, and moved to Duluth with her family two months later. She was educated in the Duluth public schools and graduated from East High School in 1984. She attended Gustavus Adolphus College in St. Peter, Minn., where she graduated summa cum laude in 1988 with a degree in physics. Annette then earned a Ph.D. in biophysics from Johns Hopkins University and was a postdoctoral fellow at the National Institutes of Health’s National Cancer Institute and at Emory University.

During her academic training, Annette received a number of impressive awards. In 1988, she attended the Nobel Awards Ceremony in Stockholm as a guest of an international youth science seminar. During her stay in Stockholm she interviewed the Nobel Laureates in medicine, physics and chemistry during a roundtable discussion broadcast on Swedish television. Annette also received awards from the Marine Biological Laboratory in Woods Hole, Mass.; from Johns Hopkins; from PEO; and from Gustavus Adolphus College, which named her in 1998 as the recipient of its First Decade Award, given to one female and one male of the 10th anniversary class for early career achievement.

While at Johns Hopkins, Annette met Peter Kebbekus, another doctoral student. They were married in Duluth in 1992. Annette and Peter moved to Duluth in 1998 and were both employed at UMD.

Annette was an assistant professor in the department of biochemistry, molecular biology and biophysics and had her own research laboratory. In the past several years Annette received more than $900,000 in research grants, including a major grant from the American Cancer Society, which was awarded Jan. 1, 2003. Annette was also an author or co-author of more than a dozen articles in major research publications.

While Annette’s academic credentials were impressive, her main love was for her family. Her son Joseph was born in 1998 and her daughter Anna was born in 2001.

When Annette was diagnosed with an acute form of leukemia in November, she elected to follow an aggressive course of chemotherapy. While the treatments ultimately failed, Annette remained optimistic to the end. When Annette passed she was surrounded by family.

Annette was active in First Lutheran Church in Duluth. She enjoyed many hobbies, including music, cooking, running and skiing.

In addition to her husband, Peter, and children, Annette is survived by her parents Thomas G. and Mary Boman, of Duluth; brothers Thomas E. (Vicki) Boman, of Elmira, N.Y., Robert (Dawn) Boman, of Duluth, and Stephen (Julie) Boman, of Camarillo, Calif. She will be missed by many other relatives, friends, colleagues and students both in Duluth and around the world.

Annette will be remembered as a gentle mother, a loving wife and a tremendously gifted human who brought joy and light wherever she traveled.

Duluth News Tribune, Thursday, March 27, 2003
Written by Steve Boman

Annette’s husband, Peter, has created a moving tribute to Annette on his webpage: http://www.d.umn.edu/~pkebbeku/Annette/index.html
Thank You

We are deeply appreciative of your support over the past year. Your financial gifts enhance our undergraduate and graduate research programs and recognize excellence in our honors students and graduating seniors.

Transitions 2002

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, color, creed, religion, national origin, sex, age, marital status, disability, public assistance status, veteran status or sexual orientation.

Editor: Dr. Robert M Carlson
Layout: Brian J Fronczak
Photos: Brett Groehler, Photographer, University of Minnesota Duluth, Dan Schlies, Principal Photographer, University of Minnesota School of Medicine, Brian J. Fronczak