

Change may be the only constant as our campus continues to emerge from its financial difficulties and to implement its strategic plan and foster renewed confidence in the future. Searches are in progress for upper administrative positions, and positions in restored and newly created offices and programs are being filled. Personnel changes in both the faculty and staff ranks are underway in our department and the College of Science as well. Dr. Ray von Wandruszka has been named interim department chair and will serve ably until a national search succeeds in finding a more permanent replacement. The College of Science will soon be initiating a search for a new dean to replace Dr. Judith Totman Parrish, who is returning to research and the classroom in July 2007. We relay in these pages some of the recent changes reported to us in the lives of our chemistry alums and friends. As always we welcome news and comments from readers.

Faculty Changes



The good news is that **Dr. Patrick J. Hrdlicka** joined our faculty as assistant professor of bioorganic chemistry in August 2006, immediately following the final oral defense for his doctorate from the University of Southern Denmark in Odense, where he completed his graduate studies under the guidance of Prof. Dr. Jesper Wengel in the Nucleic

Acid Center. Patrick's research interests center on the application of nucleic acids within the fields of nanotechnology – medicinal chemistry and biological sciences, synthetic bioorganic chemistry, fluorescence spectroscopy and molecular modeling. He brought one graduate student with him, **Michael Østergaard**, from Denmark and has this year added both graduate and undergraduate students to his research group.



In our prior issue we noted the arrival of **Dr. Eric Brauns** in July 2005 to fill an assistant professor position in biophysical chemistry, but we failed to include a picture. To recap, Eric completed his PhD at the University of South Carolina in Columbia with Professor Mark A. Berg in 2001. He then held a postdoc at Los Alamos National Lab

with Dr. R. Brian Dyer until accepting our offer of employment. Among his research interests are biomolecular dynamics using time resolved optical spectroscopy, and Fourier transform and hyperspectral imaging.



The bad news is that **Professor Nicholas R. Natale** has resigned his position here to become professor of medicinal chemistry in the COBRE Center for Structural and Functional Neuroscience at the University of Montana in Missoula. Nick came to us as an assistant professor in 1981 following a

postdoc with Dr. Albert I. Meyers at Colorado State University; he advanced to full professor in 1994. He had earned his doctoral degree at Drexel University in Philadelphia, PA, under the guidance of Dr. Robert O. Hutchins. In his 26 years here, Nick was major professor for 23 students earning graduate degrees and mentored dozens of undergrads in his research lab. He was long our National Chemistry Week coordinator and enthusiastic advisor for the ACS student affiliate chapter. He was also a national award winner for his outreach activities (see p 12).

Commencement

The commencement address for the spring graduation ceremony on 13 May 2006 was given by Idaho Secretary of State **Ben T. Ysursa**, a Boise native, who has served the state with distinction for over thirty years, first as Deputy Secretary of State, then Chief Deputy before being elected Secretary in November 2002. Idaho Governor **Dirk Kempthorne** ('76 poli sci), who has since been named U.S. Secretary of the Interior, was originally scheduled to deliver the address but was unable to attend. Honorary degrees were awarded to alums **Jerry L. Evans** ('53 ed), long-time Idaho State Superintendent for Public Instruction now retired, and **Dr. Robert R. Furgason** ('56, MS'58 ch e), former UI vice president for academic affairs and

research, dean of engineering, and head of chemical engineering, who currently is the director of the Harte Research Institute for Gulf of Mexico Studies in Corpus Christi, Texas. Over 1,900 students were eligible for UI degrees statewide, with more than 1,400 of those at the Moscow campus.

Chemistry graduates listed in the program for 2005-06 included:

BACHELOR OF SCIENCE

Jeffrey K. Arnzen, Lewiston – Pre-Medical
Brian LeRoy Dorgan, Mountain Home – General (and Mathematics: Applied and Chemical Engineering)
Bryson Eugene Dye, Kimberly – Professional
Jeremy Douglas Foutch, Mt. Hope, WA – Pre-Medical
Patrick Michael Haben, Idaho Falls – Professional
Michelle Elaine Jaitler, Coeur d'Alene – General (and Mathematics)
Alfonso P. Jimenez, Sanger, CA – General (and Spanish)
Abigail Dawn Kroeger, Sandpoint – Pre-Medical
Andrew J. Latos, Edmonton, Alberta, Canada – Professional (and Molecular Biology/Biochemistry)
Simon D. McAllister, Hayden – Professional
Seth Amos Novak, Great Falls, MT – Professional
Brandon Kenneth Schmidt, Big Timber, MT – General
Lacey Lee Swanson-Stephens, Kennewick, WA – General (and Microbiology)
Ty Andrew Walling, Nampa – General
Mark Warnholz Williams, Pocatello – Professional
Megan Louise Yates, Sagle – Pre-Medical
Julie Ann Zohner, Spanish Fork, UT – Professional *cum laude*

MASTER OF SCIENCE

Lan-Chun Chang, Houston, TX (BS, Chemical Engineering, Massachusetts Institute of Technology) – Major Professor: Chien M. Wai

DOCTOR OF PHILOSOPHY

Carlos Alberto Fernandez, Embalse de Rio, Argentina (BS, National University of Cordoba, Argentina). “Synthesis and Characterization of 2D and 3D Arrays of Metal and Semiconductor Nanoparticles of Tunable Size in Supercritical Carbon Dioxide” – Major Professor: Chien M. Wai
Garold Linn Gresham, Idaho Falls (BS, University of Wyoming; MPA, University of Wyoming; MS, University of Idaho). “Characterization of Chemical Warfare Agents and Uranium Materials” – Major Professor: Peter R. Griffiths
David Allyn Heaps, Orem, UT (BS, Brigham Young University). “Characterization and Applications of Surface Enhanced Vibrational Spectroscopy” – Major Professor: Peter R. Griffiths
Chun Li, Heilongjiang, People's Republic of China (BS, Jiamusi Medical College, China; MS, Heilongjiang University of Traditional Chinese Medicine, China). “Rational Design and Biological Evaluation of G-quadruplex Stabilizers” – Major Professor: Ron L. Crawford
Jared Keith Nelson, Elk Rapids, MI (BS, Lubbock Christian University, Lubbock, TX). “Rational Design,

Synthesis and Study of Novel α -Hetero Analogues of ACPA: Towards Sub-type Selective Ligands for Glutamate-Binding Proteins” – Major Professor: Nicholas R. Natale.

Jennifer Ann Pollard, Chatsworth, CA (BS, MA, California Polytechnic State University, San Luis Obispo). “Resonance Raman Study of Interfacial Electron Transfer in Dye Sensitized Solar Cells” – Major Professor: Jeanne L. McHale

Matthew Joseph Pollard, Saratoga, CA (BS, California Polytechnic State University, San Luis Obispo). “H + O₂ → OH + O Reaction Cross-Section Measurements from 17.3 to 23.5 KCAL/MOL and Part II: Infrared Spectroscopy Study of Powdered Materials” – Major Professor: Peter R. Griffiths

Kevin Christopher Rider, Boise (BS, University of Idaho). “Design and Synthesis of Axial Chiral Anthracenes: In Search of Novel Anti-Tumor Chemotherapeutics” – Major Professor: Nicholas R. Natale

Honors certificates were presented to **Brian Dorgan** and **Simon McAllister** on May 12. **Brandon Schmidt** was commissioned Ensign in the United States Naval Reserve.

Students Past

1930s and 40s



Last September **David Willis** ('39, MS'41), on the right in this photo with our department chair **Ray von Wandruszka**, made his first visit to campus since graduation. Memories of **Professors William Cone, Louis Cady, and Irving Jolley** were triggered by the photo gallery in

Renfrew Hall. In his long career David worked for Shell Oil, then Standard Oil, and for more than 30 years for Liquid Air in Portland, OR. He and wife **Ruth (Bent, '41 ed)** are long retired in Nampa.

Carl A. von Ende ('33 ch e), who held administrative positions in the paper industry, is the middle man of the family leadership in the sciences. His son, **Dr. Carl A. von Ende**, currently is acting chairman of biological sciences at the University of Northern Illinois. His father, **Dr. Carl L. von Ende**, was head of chemistry and chemical engineering at our university from 1908 to 1934 and died in harness.

Dr. Edgar E. Renfrew ('36 phys) obtained a PhD in organic chemistry at the University of Minnesota and became a vice president for research with American Color and Chemical Corporation. He is now retired in Lock Haven, PA, where he is recognized by citizens as the man with all the answers to quiz questions posed by a local radio station and also as a supporter of cultural causes. The national mourning of President Gerald

Ford's death reminded him that Ford is the only US President whose hand he had shaken. Back when he had gone to DC with a group formed by industrial chemical manufacturers for meetings with their Congressmen, Ford gave them the warmest welcome.

Dr. Clyde Culp ('41 pre-med) and wife **Vieno** find that returns to Moscow are not as pressing as in times past because so many friends here have passed on, but with daughter **Christi** teaching school in Spokane they are attracted to the area. They find air travel from their retirement home in Rochester, MN, is frustrating. (He recalls that older brother **Perry**, UI class of '36, used to say that Moscow was a great place to be from; was this a Culp compliment?)

Tom Harland ('43), retired in Eugene, OR, wrote that some health problems had delayed his response to the call for news. It did prompt a look back at his more active years. His professional life was in corporate management and product development. An accidental loss of his left eye in 1927 had made him ineligible for military duty, so he completed his degree here in the war years and joined American Cyanamid in Azusa, CA, where he managed the production of materials for the coating of Liberty ships. He left Cyanamid in 1951 and joined smaller companies in the Midwest. He held memberships in ACS, ASTM, the Federation of Societies for Coating Technology, and the Society of Plastics Engineers. He enjoyed his work along life's way. His current dream is to re-enter the UI as a freshman (with wife **Florence**?) and start all over again.

We occasionally receive heartwarming notes from widows of our chemical alumni. Such was a communiqué from **Marjorie (Childs, '44 h ec) Stearns**, who is retired from the chemical machining company that had been founded by her late husband **Llewelyn Stearns** ('44 ch e). She had learned about the Distinguished Idahoan Award conferred on **Dr. Malcolm** ('32, MS'34, ret fac) and **Carol (Campbell, '35 econ) Renfrew** (see p 11). She still lives in Pico Rivera, CA.

Billy ('49, MS'51) and **Margery (Hutsell, '44, '48 h ec) Bush** are enjoying retirement in Albuquerque where they protect the aesthetics of garden and lawn. In September they attended a reunion in San Mateo, CA, of surviving members of the US Navy's dive bombing squadron from sixty plus years ago. The ranks have thinned. They also visited San Francisco to visit friends from their professional days with Shell. Shell Oil now matches their donations for scholarships here.

Alan ('49) and **Lois (Anderson, '46) Grey** sent us a newsy note congratulating the Renfrews on the Distinguished Idahoan Award. They recalled an earlier year when they hosted a touring group of UI faculty retirees in their Idaho Falls home. The Renfrews were in that group. Alan is retired from INEEL (now the Idaho National Laboratory).

While walking through Moscow's Renaissance Fair in early May the Renfrews enjoyed a pleasant chance visit with **Dr. Gordon Julian** (class of '50), a retired member of the

Montana State University chemistry faculty. News of chemistry friends in common was exchanged. Gordon's wife was an exhibitor at the Fair. She is a retired librarian and makes artistic use of the covers of old books no longer in service. Gordon was taking a respite from the family enterprise.

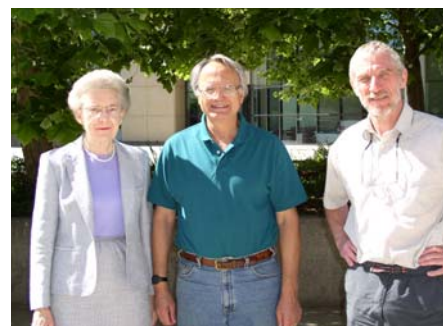
1950s

Dr. George W. ('59) and **Carolyn Woodbury** in late August came visiting this scene of his early experiences as a faculty child. His father, also **George W.**, was a professor of horticulture and mother **Kathryn** taught in foreign languages. Our George was then known as **Bill**. He later received his PhD at the University of Minnesota and spent most of his professional life at the University of Montana where he retired as chairman of chemistry. They now live on Lopez Island, WA, where they find lots of worthy causes for volunteer support and enjoy sailing in Puget Sound.

1960s

Dr. Frederick Oyer ('65 pre-med), radiologist of Ontario, OR, is one of our most active alums and a writer of newsy letters that include such items as this: **Dr. Jeffrey Hubert** ('64 for, MS'66 plant path), a retired academic with a PhD from Arizona who lives in San Diego, wishes to be added to our mailing lists. (*Cheerfully done.* – ed.) Fred also gave us the name of **Dr. Bradley Garrett** ('96 zool), an emergency room physician now located in Ontario. (We will see if he will be interested in our newsletter.)

In July Fred and Jeff (his college roommate) went on a fly fishing expedition in Idaho, Montana, and British Columbia. This included a visit with emeritus professor **Red Helton** and wife **Chris** in their little "Montecello" near Bonners Ferry. There also was a pause with **Dr. Charlie and Ruth Travers** (former UI students) at Tatla Lake, BC, where they have a cattle ranch. (Fred revived his cooking skills while there.) He also keeps in touch with **Dr. Norman Kelley** ('66 pre-med) of Norfolk, NE, who has become a dedicated artist but was having trouble with a foundry in Joseph, OR, that had been casting his sculptures. Fred's skillful painting of watercolors has been on hold but a revival is anticipated since he has finished a five-year project creating an artistic umbrella stand out of an antique milk can. (*Has wife Arlene found a proper place for it in their home?* - ed.)



Professor Joseph J. Delfino (MS'65), in center with **Profs. Jean'ne Shreeve** and **Ray von Wandruszka**, reports that his work is more teaching than research but he has graduated 80 MS and PhD

students since his arrival at the University of Florida in 1982. One PhD and 3 MS students finished at fall commencement 2006. Joe and wife **Dotti** visited UI last summer after 35 years.

Dr. Brian ('65) and wife **Gayle (Kraemer, '65) Hill**, in retirement from 3M's research center in St. Paul, have been frequent visitors to the campus during his service as president of our Alumni Association (see "All for Science," p 12). They are now settled near Portland, OR. A son, who teaches physics there, holds MS degrees in physics and in education; he is a dedicated teacher and gives thought to a higher degree.

Dr. Boyd L. Earl ('66) of the University of Nevada, Las Vegas chaired one of the sections for the Chemical Education Division at the ACS national meeting in San Francisco in September.

Dr. Robert Seale ('67 pre-med) and wife **Audrey** were here on 10 December to join in celebrating the 86th birthday of his mother **Beth**, who has continued to live in Moscow after the death of his father, **Professor Robert Seale** of forestry. Bob is an emergency room doctor in Providence Hospital, Seattle, WA.

Dr. Richard A. Hermens (PhD'63) and wife **Maxine (Kinzer, '60 ed)** are officially retired in La Grande, OR, where he long served Eastern Oregon University, but he continues professional activity that includes membership in the ACS Council representing the Richland Section and service on the national Committee on Nomenclature, Terminology and Symbols. He has also been appointed to the Committee on Project Seed and is promoting the establishment of an ACS section in Boise.

The **OKLAHOMA MAGAZINE** in its February issue did a biographical report on **Dr. Dayal Meshri** (PhD'68) and his now "global" Advance Research Chemicals, Inc. In a letter exchange Dayal told us about his construction of a new Telomer Plant in Hyderabad, India, that will lead to the first fluorine production facility there. He happily recalled his graduate student years here in **Professor Shreeve's** research group and his marriage here to **Indu**. He intends to visit us in May.

Dr. Jack ('63) and **Janice (Sennet Craig, '65 ed) DeBaun** made retirement an important activity this year. He gave up duties as supervisor of Sandpoint's water treatment department (after earlier giving up professional duties in the chemical industry), and she decided to drop her paying job in favor of their volunteering and travel. They also mourned the death of his mother at an active 95.

Dr. Frank Hunter ('60) left us for the University of Washington for his PhD degree and then spent his professional life as a senior scientist with Weyerhaeuser. Now in Bellevue, WA, he has time in retirement to polish his piano playing and enjoy music in general. He and wife **Barbara (Wohletz, '60 bact)** have a beloved summer retreat on Priest Lake.

Dr. Clifford Schoff ('61, MS'62) and wife **Joan**, who he met when they were grad students at St. Andrews in Scotland, have good intentions of including our Moscow in one of their tours. They enjoyed Italy last May by bicycle; while in Argentina where Cliff was an instructor at a paint conference, they made a side trip into Patagonia. They were in Toronto in June for an

ASTM meeting and earlier he had taught a coatings technology course in Kiev, Ukraine. (They could give us a course in geography.) Cliff also found time to help repair houses damaged by Hurricane Katrina in Long Beach, MS, as part of a church mission.

Laurent Taylor ('64) and wife **Virginia** in early fall were making the move into a more appropriate home for their years in Fairfield, IA: a duplex with lots of extras overlooking park lands. In October he and a sister, a nutritionist from New York, journeyed to China for a People to People conference. Virginia has been benefiting from physical therapy. He devotes a lot of time to volunteering at the local senior center building.

News from **Dr. Charles T.** ('61, MS'64, PhD'68) and **Mary (Casey, '64 h ec) Ratcliffe** is that Tom has retired again after finding that teaching was limiting some of the playing he wanted to do. Included in this playing was a three-week hiking trip in Argentina and Peru. Mary enjoys playing with grandsons **William** and **Christopher**, who with their parents **Linda** and **Ron** live within a mile of their grandparents in Bend, OR. Additionally, son **David** and family (two more grandsons) were visiting from Guatemala, and everyone attended the Casey (Modern Way Grocery) reunion at Priest Lake in north Idaho last summer.

Dr. John Conville (ex MS'67) at last writing was still gainfully employed at Ford Motor Company and enjoying the challenge of converting Ford to a single antifreeze globally, but news reports of massive cutbacks in the auto industry may mean his days there are numbered.

From Cary, NC, **Dr. Chen-Hwa Hui** (PhD'68) has sent us a summary of her professional experience and a current health problem. After completing her doctoral program she spent six years in England and then joined the British-based Burroughs Wellcome Company in North Carolina, serving for 20 years. When this company was acquired by Glaxo in 1995 she joined a group moving to Magellan Laboratories until it was acquired by Cardinal Health; she retired in 2003 after 30 years as an analytical chemist. Unhappily in mid-2005 she suffered a stroke affecting her speech, memory, and mobility. Progress in therapy gives her hope that in the end she will be able to attend a 50-year class reunion in Taiwan. She is concerned about her major professor **Dr. Merland Grieb**, who also has been recovering from a stroke in Seattle (see p 10).

Dr. Kenneth Pober (PhD'68) from Houston has reported a nice vacation in western Canada as a break in his work with Halliburton. He has been manager of the Baroid Drilling Fluids division's development group, but recently became scientific advisor. He is co-inventor of an ester/glycerine emulsion that has been a profit maker. Wife **Pattie** is a master gardener and a duplicate bridge player with interests in world traveling. Their two children are married and have brought forth one grandchild. As for UI contacts they recall visiting **Dr. Dick Johnson** (PhD'68) and **Dr. Mazhur Khan** (PhD'66) in Tucson. The Pobers have their eyes on Puget Sound for retirement.

Dr. William W. Wilson ('69), after years with the Air Force Research Laboratory at Edwards Air Force Base, has relocated to the Loker Research Institute at the University of Southern California at Los Angeles where he continues to collaborate with **Professor Karl O. Christe**. He will be continuing his work on inorganic nitrogen and fluorine compounds with emphasis on high energy density solid and liquid propellants. He has been re-elected to the executive committee of the ACS Fluorine Division and takes part in the national meetings and other relevant conferences. His wife **Denise** is a physical therapist at Northridge Hospital. They recently toured Denmark and Sweden with suggestions from their architect son who had studied there. Another son with a business bent is employed in San Francisco. The youngest is in university studying finance.

Dr. James (PhD'69) and **Sandra (Miller, '65 ed) Lott** continue their Utah experience. James planned to retire from Dixie College at the end of 2006 but the future seemed uncertain. Sandy reported four freezers filled with products from orchard and garden and hoof. James is busy with construction projects, including a new covered deck and a sometime-to-be-finished steel building to house their motor home. Their lives are filled with granddaughters and fishing and a cat named Snuggles.

Dr. Ron DeMarco (MS'69, PhD'72) writes that he and **Margaret** are enjoying Lynchburg, but they moved away from the Lake because the development got out of hand. They make use of "the Y" for workouts and are traveling often now lest they slow down later. They were just ready to leave for Antarctica, but hate to leave their cat (Penny) in the care of neighbor kids for long.

1970s

Dr. Leon Zaborowski (PhD'71) was planning retirement early in 2007 from duties on a special assignment with the University of Wisconsin extension. He values reports in the **Vandal-chemist** about college friends from his student days here.



Dr. Richard Swindell (PhD'71) may now be retired from Griffith University near Brisbane in Australia. He was thinking about retirement when

he made that whirlwind tour of this country in 2005 reporting on science education down under (above with his wife **Maggie** and **Dr. Malcolm Renfrew**, left, '32, MS'34, ret fac). While here he had ambitions to promote a reunion of our graduate students in his time. Evidently this hasn't been "Easy."

Dr. Allen Benson (PhD'70) now and then sends us news from Las Vegas about his successes in making and marketing his **Natural Mix** fertilizer for trees, shrubs, flowers, and vegetables. His product is derived from Atlantic Ocean kelp

and is salt free. For more information check out www.drbensoismix.com.



Michael Jernegan ('78, MS'86), now retired in Cheney, WA, brought his daughter **Liz** to our campus in early October. She is in high school and is looking forward to college years. Mike's academic career was interrupted now and then. When he finished studies in the eighties he first joined

Union Carbide; he retired as vice president for performance excellence for a General Dynamics company. Along the way he became interested in teaching and he now wants to make this a full-time practice. Wife **Natalia** is a CPA employed in Spokane.

Charlotte Hill ('71) brightened our day with a newsy letter about her activities. For the past five years she has been president of Georg Fischer, a fluid measurement and instrument company that serves the needs of industry for piping systems and is a part of George Fischer Signet, Inc. She also enjoys recreational sidelines. Her visit to the Galapagos Islands wasn't just a walking tour; she also enjoyed the underwater flora and fauna (thanks to training by a brother who is a professional diver). She now has become a certified diver. On land she has taken a four-day hike on the Inca Trail in Peru with the climb of 14,000-ft Dead Woman's Pass. She had just completed a team-building workshop in Switzerland and was soon to head for Cozumel, Mexico, for a week of boat jumping in the Gulf. She expects to do some visiting here, too.

Dr. Jay Hunter ('73 pre-med) has been elected secretary-treasurer of the St. Joseph Regional Medical Center staff in Lewiston. He is an emergency medicine physician. As an "extracurricular" activity Jay is a leader of the Border Highlanders bagpipers, who now lead the parade at University commencements and perform at other community events, such as the annual dinner honoring Scotland's Robert Burns.

Dr. R. Dustan Sarazan ('75) retired from Eli Lilly and Company in December 2004, but not from active employment. He became director of safety pharmacology at Covance Laboratories Inc. in Madison, WI. Dusty and wife **Leslie (Green, '76)** now reside at 6609 Millstone Circle, DeForest, WI 53532.

1980s

David Quincy ('85) reports from Fremont, CA, that he has been promoted to Scientist at Elan Corporation. He had earlier reported attendance at the company's Global Employee meeting held in San Francisco in the fall with over 400 attendees from around the country and the world. That e-mail to his mentor **Dr. Nick Natale** included a blurry photo purportedly of Dave in

motion on stage with Dan Akroyd and Jim Belushi as the Blues Brothers provided entertainment at the meeting.



Julie (Sherrodd) Erickson ('82 ch e) stopped by the office on 24 March 2006 to say thanks for continuing to send her the **Vandalchemist**. She was in town on business as a member of the Advisory Board for the Department of Chemical Engineering. Julie recalled much time spent in Renfrew Hall working with

Dr. John DeMoura (MS'65, PhD'69 biochem, ret staff) in ChemStores and as a chemistry TA, in addition to attending chemistry classes and labs to satisfy her degree requirements. She works for the Department of Energy at Pacific Northwest National Lab in Richland, WA, but makes frequent weekend trips to Moscow in connection with her sons' soccer activities.

Dr. David Connolly ('84) and wife **Mona** are amazed by the rapid growth of their children. **Jocelyn** already is 15 and **Madeleine** 12. The family favors music and the arts for culture, and Chemical Abstracts continues to take care of the professional. Mona now works part time with Chemical Abstracts Service. David looks back at 2005 when he completed his PhD at Ohio State University. His thesis project had been the translation and study of two German books on mining that date back to 1500 AD. At Chemical Abstracts he manages MARPAT, an on-line database for chemicals in patents, and a promotion to scientific information analysis manager adds additional duties.

Dr. Douglas MacTaggart ('82, PhD'91) was a program director with NSF EPSCoR when he met **Dr. Jean'ne Shreeve** at a meeting in Albuquerque. His route to NSF included five years with the King James Medical Laboratory, Inc., in Cleveland, mostly keeping an ICP-MS instrument operating. He had been a laboratory manager with Trace Minerals International, Inc. in Boulder, CO, when it was bought by King James.

Dr. Tom Bonasera ('87), one of our internationalist alums, by e-mail has reported that he and wife **Dr. Giusi** are doing nicely in London. If you are a member of Ringo, or want to join, for photo/video sharing, you are encouraged to see his photos on <http://www.ringo.com/i.html?i=79869022x504734>.

Karl Schweier ('88) became the chemistry laboratory manager for the BMW plant in Regensburg, Germany, in April 2006. The assignment is a three-year contract, after which he will return to the company's plant in Spartanburg, SC.

Dr. Michael Mosher ('88) was promoted to chair of the department of chemistry at the University of Nebraska at Kearney effective 1 July 2006. He anticipated a slightly reduced teaching load as a result of the promotion.

1990s

In a photo in the **DAILY NEWS** former chemistry major **Jason Blubaum**, in his present role as a Moscow firefighter, was shown giving direction at a fire outside the Best Western University Inn in July. The blaze was brought under control without extensive damage to the motel.

In an e-mail to **Professor Richard Williams**, his graduate advisor, **Gary Garner** ('88) reported leaving TCI America in Portland, OR, two years ago for employment with AVI Biopharma in Corvallis, OR. He is now married with an "adopted" family of three sons and has fond memories of his time at UI.

At a meeting on "Novel Energetics" in our nation's capital last fall **Professor Jean'ne Shreeve** met **Dr. Jeff Golden** ('95), who now is employed at Los Alamos National Laboratory. Jeff had done a research project with **Dr. Pam Shapiro** as an undergrad and went on for a PhD at UC Berkeley. At Los Alamos his duties include instruction at the Joint Nuclear Explosives Training Facility (JNETF), and from time to time he works with **Dr. Scott Kinkead** (PhD'85) in conventional explosives and nuclear physics.



Dr. Gabor Komaromy-Hiller (PhD'95) and his wife **Dr. Maria Lourdes Chacon** ('89, MEd'91, PhD'96) traveled with their family to Moscow from Valencia, CA, in February 2006 for the annual Lionel Hampton Jazz Festival. Following a vocal clinic led by

Canadian singer **Dee Daniels**, their daughter **Szofia** (10) took the singer's advice and seized the opportunity to display her jazz talents on the piano, impressing the crowd gathered for Daniels' autograph and prompting Daniels to remark, "I should have had you accompany me." **THE DAILY NEWS** carried a front-page photo of Szofia in action. The family was anticipating a move to Ontario, Canada, in summer 2006. Gabor's major professor **Dr. Ray von Wandruszka** posed with the family.

Dr. Vinay Wandrekar (PhD'96) reports that his current employer is PriceWaterhouseCoopers (PWC) in Mumbai, India, where he divides his efforts between IT auditing and compliance issues for the pharmaceutical industry. He and his family had enjoyed a visit to Delhi and the Taj Mahal.

Dr. Yuehe Lin (PhD'97), a chief scientist at Pacific Northwest National Laboratory in Richland, WA, is now the North American editor for the **JOURNAL OF NANOSCIENCE AND NANO-TECHNOLOGY** and invites manuscript submissions. **Ying-Ying Lin**, a master's student in **Dr. Chien Wai**'s group, is working this semester on research at PNNL under Dr. Lin's direction.



Dr. Matthew McCarroll (PhD'98), shown here with his wife **Jennifer** and daughter **Ada**, is an assistant professor of chemistry at the University of Southern Illinois in Carbondale. He graduated his second PhD student last August and feels optimistic about this year's pending tenure decision. Jennifer and Matt will have another child, due in May 2007.

Dr. Leland "Trace" Yates (PhD'98) left Tyson in Arkansas for the Leco Corporation in St. Joseph, MI, with responsibility in their internal laboratory. Wife **Julie** and daughter **Lindsey** stayed behind in Springdale to arrange the sale of their house.

Dr. Eric Nuxoll ('98) writes from St. Paul, MN, that he was dropped from our mailing list in error and requests reinstatement. He is halfway through a 2-year NIH postdoctoral fellowship in the UMN Pharmaceutics Department. Wife **Kim** teaches only part-time at the nursing school so she has more time at home with their sons, **Sebastian** (3) and **Ambrose** (1).

Dr. Xiaoyuan "Shawn" Chen (PhD'99) reports fruitful conversations about nanotechnology and medical applications with his major professor **Dr. Chien Wai** during one of Chien's visits to the San Francisco area in early 2006. Xiaoyuan is an assistant professor in the Department of Radiology and a member of the Molecular Imaging Program at Stanford (MIPS).

2000s

Donald Lindsay ('00), in communication with **Professor Richard Williams**, reports that he is pursuing a master's degree at San Francisco State University and has joined a group in synthetic organic chemistry involving porphyrins. Don has also continued his "day job."

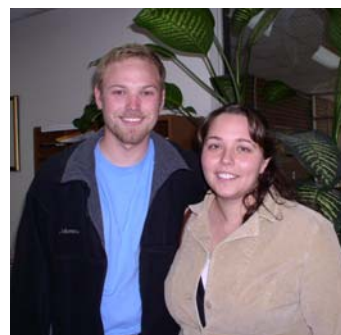
Dr. Michael Wojcik (PhD'01) now is employed in research at Battelle's Pacific Northwest National Laboratory. His wife, **Joanna Zattiero**, has been doing an MS thesis here on the career of **Lee Morse**, a widely appreciated jazz singer in the twenties and thirties, who was a member of the Idaho Taylor family that included ex-Senator **Glenn Taylor** and **R. Ferris Taylor**, an actor in movies, television, and traveling repertory theater companies. Joanna called on our retired professor **Malcolm Renfrew** ('32, MS'34) after hearing that he had spent a summer as an actor in a Ferris Taylor tent-show company long ago (1935) and could give family news about Lee. The conversations brought back many happy memories (none chemical).

Jeff ('01) and **Sharon (LaMont, '03) Leitch** sent us another rhymed Christmas letter reporting their cultural, recreational, and professional activities in the past year. They still are pursuing PhD's at differing Massachusetts universities - Jeff at

Worcester and Sharon at the U of M at Amherst. He is working on the glucose transporter; his committee has labeled him "The Hypothesis Destroyer." Sharon's studies in nickel biochemistry have required jaunts to the synchrotron at Long Island BNL and a cross-country trip to Stanford. Putting science aside they did NYC and Rome. Jeff was rear-ended in traffic; he was unhurt but his car required replacing. They now have a Nissan pickup.

Dr. David Burkhart (PhD'02) wrote to his major professor **Dr. Nick Natale** in January 2006 that he was leaving Colorado and returning to the Northwest for a position with Hollister Labs in Spokane, WA. He also noted that he was recently engaged with the wedding date to be determined.

Dr. B. André "Jamie" Weinstock (PhD'04) has accepted a research position with Transform Pharmaceuticals Inc., a small firm in Lexington, MA. He won't have far to travel for the next ACS meeting in Boston and hopes to see former colleagues there.



Ryan Hutcheson ('04) is enrolled in the PhD program in chemistry at Montana State University in Bozeman. He and his fiancée **Rachel Udelhoven**, who studies for the PhD in biochemistry at MSU, stopped in Moscow in June on their way back from a trip to Seattle for the graduation of Rachel's sister

from Seattle University.

Audrey Pollard, the 16-month-old daughter of **Dr. Matthew and Dr. Jennifer Pollard** (PhDs, '05 and '05), was on the front page of the **LATAH EAGLE** on 28 December dressed in safety gear appropriate for skating on the Moscow ice rink. She was there with her mother and active brother **Dylan** for recreational pursuits. Jen now works part time with our UI department of education on a grant that focuses on content for science teaching kits for elementary teachers. She wants to improve high school programs, too. Since his march across the platform at Commencement, Matthew has been a postdoc at WSU but is becoming an analytical chemist at the Alturas Laboratory. The family likes living in Moscow where vegetable gardening has become more than a hobby.

Christina Noradoun (PhD'05) began environmental consulting work in January 2006 in Portland, OR, for URS, a large engineering design firm with offices worldwide. Her projects have included environmental monitoring to track contaminants in soils and water for clients including BP, Shell Oil, and the Army Corps of Engineers. Tina also reported an engagement, the purchase of a home in Vancouver, WA, and planned vacation time in Cost Rica.

Monika Szabon (MS'06) reported a new job working as an analytical specialist for a pharmaceutical company in Krakow, Poland, in October. The company would soon be changing its

name from Pliva to Barr due to a change in ownership. Monika was missing her colleagues at UI and sent best wishes.

Students Present

Officers of our ACS Student Affiliate chapter for 2006-07 are:

President and Secretary: **Kirsten Canady**, chem and math major from Hayden

ASUI Rep: **Cassie Novak**, animal and vet science major from Great Falls, MT

Treasurer: **Holly Blanchette**, music and English major from Dalton Gardens

Demo Coordinators: **Michael Chavez**, chem and mmbb major from Nampa, and **Christopher Walker**, chem engineering/materials science major from Spokane, WA

Webmaster: **Michael Beery**, chem minor, computer sci major from Nampa

The group continues its community outreach activities and received a Certificate of Appreciation from the Lewis-Clark Early Childhood Program in recognition of its valuable contributions. The chapter was recognized with an Honorable Mention award from the ACS Committee on Education for its activities during the 2005-2006 academic year.

Philippe Perrotin (grad) was awarded one of five UI Doctoral Research Fellowships for academic year 2006-07. His research project is titled "Development of Molecular, Single Source Precursors for the Low-Temperature Solution Synthesis of Nanostructural Gallium Nitride," and his major professor is **Dr. Pam Shapiro**. These new fellowships recognizing excellence in graduate research are valued at \$25,000 each and include a stipend of \$18,000, payment of graduate registration fees, and waiver of out-of-state tuition.

In the Student Union Building on 12 April 2006 chemistry entries won awards at the Grad Expo sponsored by the Graduate and Professional Student Association. **Monika Szabon** received a Distinction in Presentation award, **Justin Nairn** received an Award of Merit, and **Philippe Perrotin** received an Honorable Mention. Chemistry won the Departmental Excellence Award of \$500 for the highest point total for its departmental nominees. **Kenichi Shimizu** was the department representative to GPSA.

New students entering our graduate program in fall 2006 were **Bryson Dye** from the University of Idaho, **Christina Ellefson** from the University of Idaho, **Sonali Garg** from Panjab University in Chandigarh, India, **Simon McAllister** from the University of Idaho, **Michael Østergaard** from the University of Southern Denmark at Odense, **Shikha Sharma** from Government College, Ajmer, India, **Mark W. Williams** from the University of Idaho, and **Donna Wright** from Washington State University.

Faculty and Staff Past and Present

Dr. Bamidele Omotowa (ex res assoc) wrote in January 2006 with news of his employment as a principal research scientist for International Isotopes, Inc. in Idaho Falls. The company produces electronic grade specialty fluoride gases in a new production facility there and is the only US company licensed to produce ultra high purity fluorides from large quantities of UF₄. Dele supervises the analytical lab for quality assurance and leads the R&D for new fluorinated products.

Dr. James (ret fac) and **Zoe Cooley** reported 2006 was a good year overall and their gardening efforts produced a bountiful harvest. Jim volunteered in Troy's elementary school to teach the science of matter to lively second graders. Zoe continues her work on mental health concerns and is now co-chairman of the Region II Mental Health Board. Both worked through surgeries during the year and feel fortunate to still be able to continue many of the activities they most enjoy.



The department enjoyed surprise visits in 2006 from several members of the extended family of the late **Dr. William H. Cone** ('24, MS'27, ret fac). Dr. Cone was physical

sciences department head from 1947 to 1959; the Cone Award, which recognizes the top chemistry major in each graduating class, was established in his honor. In May grandson **Roger Cone, Jr.** (right above) brought his son **Nicolas** to Renfrew Hall while they were visiting the area from their home in Danville, CA. Roger is a graduate of WSU and Nicolas may transfer there after community college, but they were touring



the UI campus anyway. In July **Elwood Cone** (center), son of William H., posed with (his son?) **John** (left) and department chair **Dr. Ray von Wandruszka** in

front of the William H. Cone Honor Award plaque in the Renfrew Hall foyer. Elwood is retired in Roseville, CA.

Dr. Steven D. Gammon (ex fac) has been named chair of the chemistry department at Western Washington University in Bellingham. In holiday greetings Steve reported that wife **Jodi** is again the proud owner of a horse, daughter **Katie** is learning

to drive, son **Andrew** is in middle school, and Steve does lawn and yard maintenance with the proper riding “tools.”

Harald Schmid, our research scholar/teaching assistant in 1998 from the University of Siegen in Germany, was once again vacationing in Florida in May, but reported no swimming with alligators in the Everglades on this trip. He had received the latest edition of our newsletter and sent greetings to other readers.

Michael Barrus, the youngest son of our **Professor Jim Barrus**, deceased, stopped briefly in Renfrew Hall in July while in Moscow for his 30-year high school reunion. Mike, who returns to Moscow from time to time, now lives in Alpine, Utah, and reports that Jim’s six surviving children all live in Idaho, Oregon, and Utah. The visit was a special connection for our publisher, who was a high school classmate of Jim’s son **Emery**, deceased.

Dr. Kamlesh Chauhan (ex postdoc) reports that research is going well with the USDA in Beltsville, MD. The disappearance of USDA funding is a concern, but Kamlesh has been able to fund his work through the Department of Defense. His professional life is satisfying, but living in the DC area is less to his liking.

Christmas news from emeritus professor **Dr. Verl Garrard** (’45 ch e, MS’52) reported that he and wife **Georgia** enjoy visiting their children. Daughter **Sandy** has joined a clinic in Grand Canyon Village, where helicopter flights offer the most excitement. **Gary** and **Katherine** are in Mesa; **Cheryl** and **John** are in Woodland Park, CO, where their musical shop has built an instrument aimed at duplicating the sound of a “Strad.”

Dr. Henrik Juve (’50, MS’54, PhD’83, ret fac) and wife **Dolores** are comfortably retired in Clarkston where he maintains an active interest in political issues local and world wide. He also drops in now and then at the chemistry office to encourage good teaching.

Dr. Malcolm Renfrew (’32, MS’34, hon doc’76) last March was given the 2006 Distinguished Science Communicator Award of the Idaho Academy of Science at its annual meeting, recognizing his continuing efforts to advance quality and safety in science education and research in Idaho and around the world. He is a former president of the Academy. **Dr. Joseph G. Cloud** (biol fac/dept head, assoc dean) received the 2006 Distinguished Scientist Award recognizing his pioneering research on reproductive biology and conservation of salmonids and his broad ranging contributions to Idaho higher education.

Professor B. S. Thyagarajan (ex fac), who is now retired from the faculty of the University of Texas, San Antonio, enjoys keeping in touch with former students, including ours. A favorite is **Dr. Diana (Cordwell, ’77) Johns**, who has divided her time between a practice in Idaho Falls and the University of Nevada medical faculty in Reno. She serves as a conduit of news from Rajan. Her husband is **Dr. Joseph Johns** (’75), Idaho Falls surgeon, who enjoys successful fishing in Alaska as

a hobby. Both have been members of the University of Idaho Foundation.

Professor Peter Griffiths stepped down as department chair effective 30 June 2006 after a total of 12 years at the helm. He was awarded an Alexander von Humboldt Research Award for 2006-07 and is on sabbatical leave in Germany at the Technical University of Dresden, working in the research labs of **Prof. Dr. Reiner Salzer**.

In wishing a prosperous 2006 for **Dr. Chien Wai** and his family, **Dr. In-Quen Lee** (MS’90) reported relocation to Seoul, Korea, from Singapore. His employer is still Honeywell, but his responsibilities have changed from chemicals to the automotive business. Son **James**, who was born during In-Quen’s stay here in Moscow, was ready to enter university.

Dr. Anil Elias, a repeat postdoc in the fluorine group in the 1990’s, has sent a newsy letter to **Dr. Jean’ne Shreeve**. He now is a full professor at the Indian Institute of Technology in Delhi where there is a shortage of modern instrumentation, but he has been able to do publishable research. A new field for him is cobalt organometallics. Older daughter **Aleesha** is doing well academically, but **Ankitha** still has speech and behavioral problems. Wife **Latha** carries on in the training of the girls.

Dr. Muralidharan Krishnamurthi (ex postdoc) has accepted a two-year centenary postdoctoral fellowship with Prof. S. Ramakrishnan at the Indian Institute of Science. He will work in polymers and their applications.

In November the **ASSOCIATED PRESS** carried a story on the research of our **Professor Pam Shapiro**. Pam and her research team are working to develop a new form of solar cell that could lead to commercially feasible solar energy production and make a noticeable dent in US oil dependency. They have developed a “quantum dot” to embed between layers in solar cells to enhance energy efficiency. A working prototype is years in the future and will require collaboration with colleagues in related fields.

Dr. Daniel Stelck (PhD’01, staff) received an Outstanding Faculty Award from Disability Support Services in May 2006 recognizing his efforts to provide academic support and encouragement to all students. He was nominated by a student in his carbon compounds course.

Professor Dan Edwards was the subject of a photo in **THE DAILY NEWS** last April when he pruned the Japanese plum tree in front of his house as the new buds caught the morning sun.

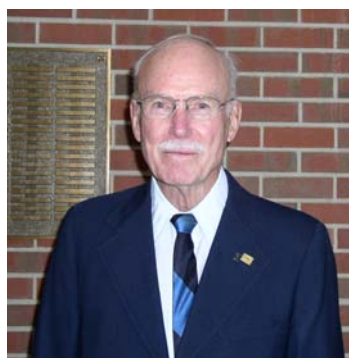
Dr. Masaki Sato (ex postdoc) reported a move to Nagoya, Japan, for a new position in research and development at a power supply company. He hoped to concentrate on material and energy R&D.

Visiting researchers to the department since our prior issue have included postdoctoral fellows **Dr. Zhuo Zeng** from South China Normal University, **Dr. Yong Guo** from Okayama

University of Science in Japan, and **Dr. Yangen Huang** from the Shanghai Institute of Organic Chemistry, all working in the fluorine research group with **Dr. Jean'ne Shreeve**; **Dr. Rawda Okasha** and **Dr. Tarek Mahmoud** working with **Dr. Pam Shapiro**; and **Dr. Alexander Smetana** and **Dr. Jianmin Zhang** working with **Dr. Chien Wai**. **Dr. Lacey Averett** is doing postdoctoral work with **Dr. Peter Griffiths** following completion of her PhD here in December 2006. **Yu-Jung "Janet" Liao** and **Edison Shieh** are research scholars working with Dr. Wai. Edison's father is **Dr. Guan-Ming "Parker" Shieh** (MS'87, PhD'94).

"New Frontiers for Ionic Liquids" in **C&E NEWS** for 1 January 2007 reports on the exponential growth in recent years of research into these low-melting-point salts with negligible vapor pressure. Our **Dr. Jean'ne Shreeve** is quoted discussing the complexities of developing energetic ionic compounds that meet a multitude of requirements – including the need to be nontoxic. Her research group has synthesized and characterized a variety of salt-based energetic materials and is working to develop ionic liquids that could be used as high-temperature lubricants.

Dr. Rajendra P. Singh (ex res assoc) has taken a new position with IM&T Research, Inc. in Denver, CO. The company contracts synthesis work in the fluoro-organics field for the private sector and is headed by **Dr. T. Umemoto**, well known for his work in electrophilic trifluoromethylation chemistry while employed by Daikin Industries in Japan. With the job change Rajendra returns to his first love – organic fluorine chemistry. Wife **Meera** and daughters have located shopping and good schools near the family apartment at 1171 East 1st Avenue #1724, Broomfield, CO 80020. E-mail address: rajendra.singh@comcast.net



Dr. Merland Grieb ('42, MS'49, fac emer) stopped in the chemistry office in November during a short visit to Moscow for a University of Idaho Retirees Association meeting. He and his chauffeur were planning to return to Seattle immediately after the meeting.

Dr. Stephen K. Ritter (ex postdoc) wrote "The Five Decades of Marcus Theories" in **C&EN** for 16 October 2006. Marcus' theories have influenced the work of countless chemists in the past 50 years and well deserved this coverage. In August Steve had a definitive article on testosterone testing of athletes. He also every now and then does the **NEWSSCRIPTS** column. In the issue of 2 February 2007 he quotes Benjamin Franklin: "Dost thou love life? Then do not squander time; for that's the stuff life is made of." The column then covers the importance of Franklin's contributions to the development of science and bringing it into the general public's life and consciousness. Steve is a senior editor of **C&EN**.

Dr. Chien Wai has twice been contacted for comments when papers he co-authored have been featured in "Fast Moving Fronts," the bimonthly listing of research areas growing most rapidly in each of 22 major fields covered by **ESSENTIAL SCIENCE INDICATORS** from Thomson Scientific. The cited papers in the field of materials science have been co-authored by **Dr. Hiroyuki Ohde** (ex postdoc) and **Fred Hunt** (ex grad) and by **Dr. Xiang-Rong Ye** (PhD'03) and **Dr. Yuehe Lin** (PhD'97, ex postdoc). **Dr. Jean'ne Shreeve** received notification in February that her recent paper published in the **JOURNAL OF ORGANIC CHEMISTRY** was a "Hot Paper" – as defined by Thomson Scientific, one of the articles published within the last two years receiving the most citations in the most recent two-month period. Co-authors on the paper were **Dr. Ruihu Wang** (ex postdoc) and **Dr. Brendan Twamley** (UI crystallographer).



After nearly 16 years as department manager in chemistry and two outstanding employee awards, **Suzanne Aaron** was recruited to the position of business manager in the College of Letters, Arts and Social Sciences (CLASS) in June 2006. Suzanne skillfully steered our department through numerous building renovations and upgrades during her tenure and kept close track of all departmental financial resources. Our loss is CLASS's gain.



Lodi (Reape, '91) Price began her duties as chemistry department manager in July 2006. Lodi had been on campus since 2001 in administrative roles for the Biomedical Research Infrastructure Network (BRIN) which in 2004 morphed into the Idaho Network of Biomedical Research Excellence (INBRE) program, all funded by the National Institutes of Health.

Grants supporting programs in our department awarded for the period July 2005 through June 2006 included:

T. Bitterwolf, \$10,000 from Battelle PNL for synthesis and catalytic studies of rhodium, palladium, and iron species; \$77,671 from Battelle PNL for synthesis of precursor chemicals for testing in CO₂-based systems; \$1,000 from Idaho INBRE Program.

G. Davico, \$4,000 from NASA Idaho EPSCoR for reactivity of transition metal cations with carbon monoxide; (co-PI) \$73,100 from Idaho SBOE Technology Incentive for enhancing teaching and learning in large enrollment classes.

P. Griffiths, \$60,000 supplement from USDA for gaseous emissions from animal feeding operations; (with **P. Shapiro** and **C. Wai**) \$121,673 from DOE EPSCoR

subcontract from ISU for year 2 of synthesis and characterization of wide-band-gap semiconductors.

N. Natale, \$500 supplement from FOE for research on Alzheimer's disease; \$212,088 from DHHS-NIH for ligands to study the glutamate receptor and transporters.

D. Stoner, \$191,503 from NASA for year 2 of search for life on worlds around other stars; \$312,615 from NASA for year 2 of strategy for identifying microbial signatures; \$7,308 from Battelle INL for laboratory contaminant hydrogeological studies.

C. Wai, \$6,000 supplement from Framatome for supercritical fluid dissolution of uranium waste and scrap; \$117,335 from EPRI for continuation of carbon nanotube-supported catalytic nanoparticles for fuel cell applications.

R. Williams, \$9,000 from URO seed grant for rational design of new drugs for treatment of cancer.

Total grant dollars received for FY2006: \$1,541,693

Honors



Professor Tom Bitterwolf was honored with a tree-planting ceremony as part of Silver and Gold Day on 7 April 2006. The scarlet oak, planted near the new Teaching and Learning Center and viewable from his chemistry office window, recognizes Tom's longstanding dedication to mentoring students at UI, chemistry majors and non-majors alike. His open door policy has enriched the lives of countless students with free-

-ranging discussions and advice on all aspects of academics, research, and life in general. Tom's wife **Dr. Carrie Bitterwolf** (PhD'98 ed) assisted in the planting. A bonus, according to tree-loving Tom, is that the tree will support the campus squirrel population for quite some time.



2006 was a big year for the Renfrews.

Dr. Malcolm ('32, MS'34, ret fac) and **Carol (Campbell, '35 econ) Renfrew** received the Distinguished Idahoan Award from the UI Alumni Association at a reception on 25 June 2006. The award, established in 1978, recognizes individuals who have brought

distinction to the state and the university. Carol and Malcolm continue active lives with involvement in a number of educational, cultural, and community groups and activities. In

addition, **Carol Renfrew** was awarded an honorary doctor of humane letters degree at the UI winter commencement on 6 December 2006. Carol has long supported area arts and humanities events, and numerous local organizations have benefited from her time and talents.

Doctoral student **Noel Palmer** (MS'00) received the Ronald Malcolm Award at the International Humic Substances Society (IHSS) conference in Karlsruhe, Germany, in August. The award recognizes his paper "Reduction of Arsenates by Humic Materials" as the best graduate student contribution at the meeting and includes a \$1,500 prize and a certificate. Noel's major professor is **Ray von Wandruszka** and his research is supported by a fellowship from the Inland Northwest Research Alliance.



David Sargent, Daniel Stelck, LeNelle McInturff

At the annual Staff Awards Reception in the SUB ballroom on 1 May 2006 the following employees with chemistry ties were recognized for their years of dedicated service to UI: **Mark Borth** (MS'87), hazardous materials tech in the Safety Office, 20 years; **Dr. Alexander Blumenfeld**, analytical instruments supervisor, 5 years; **LeNelle McInturff**, administrative assistant, 25 years; **Bridget Ricks** ('99), scientific aide in Food Science and Toxicology, 5 years; **David Sargent**, ChemStores storekeeper, 15 years; **Dr. Daniel Stelck** (PhD'01), class laboratory coordinator, 5 years (*should have been recognized in 2005*); and **Michael West** ('79 bact, MS'88), lab animal research facility manager and husband of our financial technician **Barb West**, 30 years. **Bev Rhoades**, associate budget director, was the 2006 winner of the Lawrence McBride Prize for exemplary service by non-faculty staff at the University.

Dr. Peter Griffiths at the commencement ceremony on 13 May 2006 received the College of Science Distinguished Faculty Award. This annual award recognizes a faculty member whose teaching and scholarship have gained wide recognition and impacted his or her profession and the teaching and research of others both here and abroad. Peter's longstanding international reputation in analytical chemistry and the world of spectroscopy made him an ideal candidate for the award.



*Linette Watkins, Chair, ACS Committee on Minority Affairs;
Trina Villalobos, ACS Scholar; Nick Natale, ACS Scholar's Mentor;
Catherine T. Hunt, ACS President-Elect*

At the ACS national meeting in San Francisco in September, undergrad ACS Scholar **Trina Villalobos** and her mentor **Professor Nick Natale** accepted the national ChemLuminary Award for the Outstanding ACS Scholars Program for 2005. The award recognizes the Washington-Idaho Border Section for its support of ACS Scholars and their inclusion in section activities. Trina has presented her research at regional and national meetings of ACS and the American Indian Science and Engineering Society, and she worked extensively with Nick in outreach activities to elementary students, especially at area pow-wows and in Lapwai schools. This was the fifth national ACS award accepted by Nick in recognition of outreach activities at UI. **Professor Richard Williams** was a finalist for the national Chemists with Disabilities Inclusion Award, recognizing his work as a mentor and his efforts to adapt chemistry labs to accommodate the needs of students with disabilities.

All for Science

On 21 October more was going on here than the football game with Boise State University. Earlier that day in our building there was an exhibition of posters by student researchers. Judges for the event included our **Wellington 'Skip' Pierce** ('53) and **Brian Hill** ('65). They were abetted by **Gary Bennett** ('62 phys), **Melanie Call** ('83 zool), **David Hawk** ('67 geol), and **Janet Schaumberg** ('77 min engr). Skip is retired in Boise from the Treasure Valley Laboratories and is often on campus doing good works here. Brian is retired near Portland after years with 3M; he is winding down his service as UI alumni president (see p 4). Gary is retired from NASA, lives in Emmett, and feeds the **BOISE STATESMAN's** letters page with information about Darwin's evolution countering the claims of "intelligent designers" (see p 16). Physics students garnered top awards for their posters.

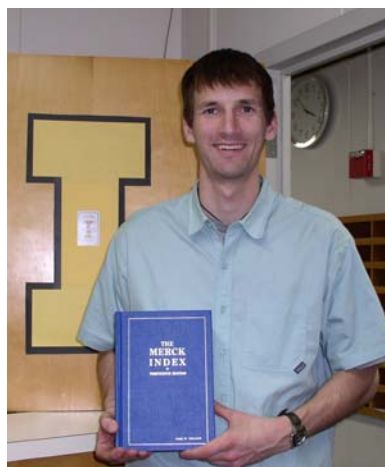
Graduating seniors recognized by our department this year for special academic achievement



Julie A. Zohner
Spanish Fork, UT

BS Professional

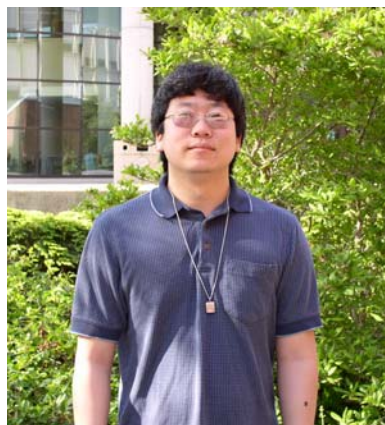
WILLIAM H. CONE
AWARD



Mark W. Williams
Pocatello

BS Professional

MERCK AWARD



Simon D. McAllister
Hayden

BS Professional

AMERICAN INSTITUTE OF
CHEMISTS AWARD

From the program booklet for the Honors Convocation on 21 April 2006 we have listed the names of students who are identified as chemistry majors.

PHI ETA SIGMA

Kate Arbon, Caldwell

Andrea Butz, Boise

Sarah Doornbos, Idaho Falls

ETA SIGMA PHI

Paris Humphries, Boise
Seth Novak, Great Falls, MT

PHI SIGMA SOCIETY

Rebecca Memmott, Ammon
Julie Zohner, Spanish Fork, UT

ALUMNI AWARD FOR EXCELLENCE

Julie Zohner, Spanish Fork, UT

ENTERING STUDENTS IN UNIVERSITY HONORS PROGRAM

Kate Arbon, Caldwell
Andrea Butz, Boise
Sarah Doornbos, Idaho Falls
Darcy Johnson, Lewiston
Erin Kee, Boise
Jason Moedl, Idaho Falls
Todd Needs, Fruitland
Melissa Pickarski, Pinehurst

COLLEGE OF SCIENCE DEANS HONOR LISTS

(Fall 2005 and Spring 2006)

Jose Alcocer, Grandview, WA; **Brooke Anderson**, Idaho Falls; **Kate Arbon**, Caldwell; **Andrea Butz**, Boise; **Kirsten Canady**, Hayden; **Jenni Crawford**, Culdesac; **Sarah Doornbos**, Idaho Falls; **Brian Dorgan**, Mountain Home; **Nathan Enderle**, North Platte, NE; **Michael Flores**, Provo, UT; **Benjamin Greenwade**, Idaho Falls; **Perry Hanson**, Boise; **Miranda Haralson**, Cataldo; **Lucas Henry**, Sandpoint; **Brendan Johnson**, Great Falls, MT; **Darcy Johnson**, Lewiston; **Kelsey Kenck**, Libby, MT; **David Knerr**, Moscow; **Korey Kreider**, Spirit Lake; **Suzanne Lanier**, Moscow; **Andrew Lewis**, Idaho Falls; **Simon McAllister**, Hayden; **Todd Needs**, Fruitland; **Branden Poulsen**, Jerome; **Hannah Qualls**, Moscow; **Justin Rader**, Coeur d'Alene; **Michael Rush**, Idaho Falls; **Brandon Schmidt**, Havelock, NC; **Kristyn Scott**, Waitsburg, WA; **Whitney Stimmell**, Coeur d'Alene; **Michael Stroh**, St. Maries; **Shane Stuermer**, Rathdrum; **Wyatt Thornley**, Post Falls; **Ryan Toolson**, Nampa; **Ty Walling**, Nampa; **Mark Williams**, Kooskia; **Todd Williamson**, Loveland, CO; **Matt Wyatt**, Post Falls; **Megan Yates**, Sagle; and **Julie Zohner**, Spanish Fork, UT.

Entertainment at the Honors Convocation was again provided by the U of I Jazz Choir I with chemistry major **David Knerr** of Moscow in the bass section.

Hannah Qualls, Moscow, is a member of the Honors Student Advisory Board; and Professors **Tom Bitterwolf** and **Pamela Shapiro** are Honors Program Faculty.

RAUNIO UNDERGRADUATE RESEARCH AWARDS for 2005-2006 went to **Jeffrey Arnzen** and **Trina Villalobos**, working with Dr. Nick Natale; **Bryson Dye**, working with Dr. Ray von Wandruszka; **Jeremy Foutch**, working with Dr. Gus Davico; **Simon McAllister**, working with Dr. Frank Cheng; **Scott Pettibone**, working with Dr. Richard Williams; and **Mark Williams**, working with Dr. Pam Shapiro.



and **Jim Cooley** (right) presented the award.



Emily Hull, left center, and **Trideep Rajale**, center below, won Cooley-Juve Awards in recognition of their teaching skills in spring semester 2006. Emeritus professors **Jim Cooley** and **Hank Juve** were on hand to make the presentations on 3 October 2006.



BILLY AND MARGERY BUSH SCHOLARSHIP recipients for 2005-06 were **Simon McAllister** from Hayden, **John Sturgeon** of Eagle, and **Ryan Toolson** from Nampa.

RENFREW-LONG SCHOLARSHIPS for 2005-06 were awarded to **Jeff G. Davis** from Prosser, WA, **Suzanne Lanier** of Moscow, and **Julie Zohner** from Spanish Fork, UT, and for spring semester 2006 to **Andrea Butz** from Boise.



Jenni Lynne Crawford, chemistry major from Culdesac, received the 2006 CRC Freshman Chemistry Achievement Award for her academic performance in first-year chemistry. Outgoing department chair **Dr. Peter Griffiths** made the award presentation.

Recipients of MALCOLM M. AND CAROL CAMPBELL RENFREW SCHOLARSHIPS for summer 2006 were **Przemyslaw Brejna**, **Yu-Lun "Jerry" Chen**, **Bryson Dye**, **Jamie Herman**, **Emily Hull**, **Wei-Chun "Steven" Hung**, **Wei-Sheng "Eric" Liao**,

Ying-Ying Lin, Rubha Ponraj, Trideep Rajale, Shikha Sharma, Chrystal Sheaff, Kenichi Shimizu, Aaron Stancik, Monika Szabon, and Mark Williams.

High Flying Dean of Science

Dr. Judith Totman Parrish, Dean of our College of Science, flies her own plane around the country and when on the ground visits alumni in the area. **Eric Bennett** of her office sometimes joins her. Among those visited have been **Darol Brown** ('70) in Portland, OR; **Dr. Joseph Delfino** (MS'65) in Gainesville, FL; **Dr. Bruce Gesner** (PhD'63) in Reno, NV; **Thomas Harland** ('43) in Eugene, OR; **Dr. Brian Hill** ('65) in Portland, OR; **Charlotte Hill** ('77) in Pasadena, CA; **Robert Holder** ('53, MS'59) in Vashon, WA; **Dr. Richard Loeppky** ('59) in Mukilteo, WA; **William Maeck** (MS'60) in Idaho Falls; **Dr. Tariq Mahmood** (PhD'87) in Tulsa, OK; **Dr. Brian Marron** ('83) in Durham, NC; **Donald Martinson** ('61) in Cypress, CA; **Dr. Dayaldas Meshri** (PhD'68) in Tulsa, OK; **Dr. Fred Oyer** ('65 pre-med) in Ontario, OR; **Wellington "Skip" Pierce** ('53) in Boise; **Dr. Kenneth Pober** (PhD'68) in Houston, TX; **Dr. V. N. Malli Rao** (PhD'66) in Wilmington, DE; **Dennis Reece** ('73, MS'75) in Baton Rouge, LA; **Dr. Edgar Renfrew** ('36 phys) in Lock Haven, PA; and **Dr. James Schreiner** ('77) in Sedalia, MO.

Personal notes about those listed above and not covered elsewhere in this issue include:

The **Pierces, Skip and Bee**, are among the most active UI supporters. Both are members of the UI Foundation. He chairs our Science Advisory Board; she is a member of the Vandal Boosters national board. They recently endowed a scholarship for intercollegiate athletes majoring in science.

Darol has retired as vice president of Brenntag North America, Inc. He now will focus on his own company and be a volunteer teacher of HS students about practical applications of chemistry.

William, who earned his MS in chemistry via the UI program at the Idaho National Laboratory, is retired from there but has a private investment partnership. He has established a scholarship for students in chemistry or geochemistry.

James now is associate research director for Adco, Inc. in Sedalia, a company that develops, manufactures, and markets dry cleaning and laundry products.

Brian Marron and wife **Janet** both have UI degrees in chemistry. He is making direct use of his at Icagen, a biopharmaceutical company.

Donald is employed by StaBond, Inc., a manufacturer of specialty adhesives, sealants, and coatings.

Tariq is president and CEO of Galaxy Chemicals in Claremore, OK.

Dennis is vice president and principal of URS Corp. He heads the company's remediation group and does contract work for the private sector.

Last June **Dean Parrish** and **Janet Schaumburg** ('77) of the College's Advisory Board, in a flight to Alaska, met with students in the UI summer Juneau Icefield Research Program.

Gifts

We are thankful for loyal alums and friends who continue to remember our program and scholarships with generous donations in good times and bad. Our chemistry scholarship funds help us attract and support promising students, and donations to our research programs and unrestricted gifts help us maintain the basics and provide a few extras to enrich the student experience. All our students, undergraduate and graduate, benefit from our donors' generosity, whether through receipt of a scholarship or support for travel to professional meetings or through such funded items as lab computer equipment and software. All donations are sincerely appreciated.

We have received notification of gifts to chemistry from the following for the period 1 July 2005 through 30 June 2006:

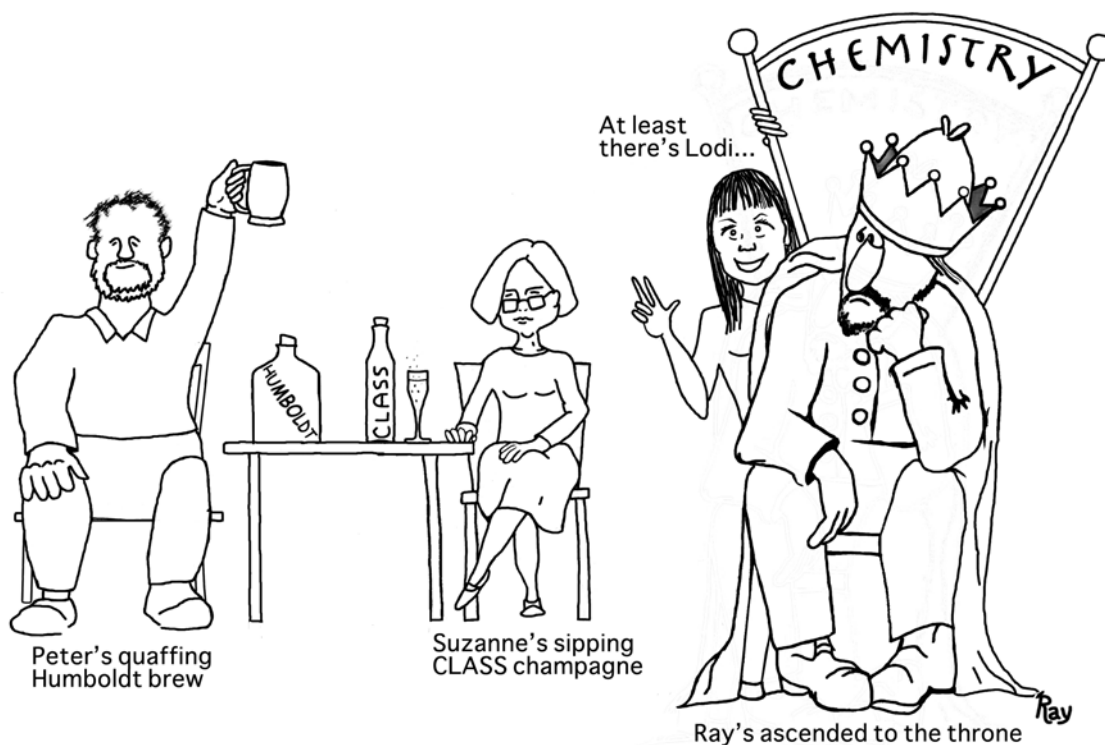
Suzanne Aaron (staff) and **Dr. Mickey Gunter** (fac geol), Moscow, ID; **Advance Research Chemicals, Inc.**, Catoosa, OK; **Dr. Roger** ('51) and **Paula Allen**, South Portland, ME; **Ghulam and Naseem Ansari**, Galveston, TX; **Dr. James W.** ('58, pre-med) and **Mary Asaph**, Portland, OR; **Dr. Charles Barinaga** ('74, PhD'88), Richland, WA; **Dr. Tim Bays** (PhD'97) and **Dr. Amy Bjerke** (PhD'99), West Richland, WA; **Dr. Randolph** (PhD'68) and **Janetta (Hermon, MEd'68) Beaumont**, Flagstaff, AZ; **Lynn (Searby, MS'77)** and **Brian Beckmann** (MS'77), Andover, NJ (matched by GlaxoSmithKline); **Judge John** (JD'54 law) and **Marilyn (Pond, '66 Engl) Bengtson**, Lewiston, ID; **Dale** ('49, ch e) and **Garnet (Storms, '49) Benjamin**, Vancouver, WA; **William** ('58, MS'60) and **Janet Bills**, Boise, ID; **Dr. Thomas** (fac) and **Dr. Caroline** (PhD'98 ed) **Bitterwolf**, Moscow, ID; **Dr. Craig** (PhD'77) and **Mary Burton**, Woodbury, MN (matched by 3M); **Billy** ('49 for, MS'51) and **Margery (Hutsell, '44 pre-nurs, '48 h ec) Bush**, Albuquerque, NM (matched by Shell Oil); **Terri and Steven Butz** ('84 for prod), Boise, ID (matched by Wells Fargo); **Erich Chapman** ('04), Fairbanks, AK; **Dr. Timothy** ('86) and **Dr. Jennifer DeBlieck**, Boise, ID; **Michael** ('68 for, '69) and **Beverly (Thompson, '69 ed) Dewey**, Ukiah, CA; **Dr. Craig Dodson** ('82), Clifton, CO; **Dr. Gary** ('63) and **Beatrice Doty**, Puyallup, WA (matched by Boeing); **Leif** ('81 c e) and **Julie (Sherrodd, '82 ch e) Erickson**, Kennewick, WA; **Dr. John Fellman** (PhD'82 biochem) and **Harriet Hughes**, Moscow, ID; **Dr. Gerald** (PhD'69) and **Judy (Moss, '67, MS'69 bact) Flaskerud**, Longview, WA; **Dr. George Fraser, Jr.** (PhD'67), Newbury Park, CA; **Dr. Thomas Frey** (PhD'71), San Luis Obispo, CA; **Ltc. Clair Gilk** ('84) and **Ltc. Danita McAllister**, Hinsdale, IL; **Global Impact** (on behalf of **Laura Harbert** through HP Employee Charitable Giving Program), Washington, DC; **Dr. Merland Grieb** ('42, MS'49, fac emer), Seattle, WA; **Cptn. Matthew** ('00) and **Capt. Elizabeth Grieser**, Fayetteville, NC; **Dr. Jeffrey** (PhD'80) and **Linda (Medley, '78 hist) Harkness**, Windsor, NJ; **Thomas** ('43) and **Florence Harland**, Eugene, OR; **Estate of Donna Hartwell**, Boise, ID; **Dr. Erik Hasenoehrl** (PhD'92), Cincinnati, OH; **Charlotte Hill** ('77), Pasadena, CA; **Dr. Frederick** ('65, MS'67) and **Judith Hohorst**, Idaho Falls, ID; **Robert** ('53, MS'59) and **Jeanne (Jones, MEd'58) Holder**, Vashon, WA (matched by Merrill Lynch & Company); **Dr. Chen-Hwa Hui** (MS'68, PhD'72), Cary, NC (matched by GlaxoSmithKline); **Dr. Sharon (Gyorkey, PhD'83, fac)** and **Fred Hutchison** ('77 biol, MS'81, UI staff), Moscow, ID; **Dr. Ken Ishida** (ex res staff),

Huntington Beach, CA; **Michael** ('78, MS'86) and **Natalia Jernegan**, Cheney, WA; **Lcdr. Randall** ('74) and **Vicki Johnston**, Ellicott City, MD; **Dr. Henrik** ('50, MS'54, PhD'82, ret fac) and **Dolores Juve**, Clarkston, WA; **Marguerite (Ogle, '39 ed) Kelly**, Roswell, GA; **Dr. Yung** (MS'63) and **Young Kim**, Libertyville, IL (matched by Abbott Laboratories); **Lorin** ('53 mmbb, MS'57) and **Marilyn (Gully, '53) LaFoe**, Chandler, AZ (matched by Abbott Laboratories); **Glen and Mary Lanier, Jr.**, Moscow, ID; **Matthew** (MNucSe'72) and **Mary Laug**, Idaho Falls, ID; **Dr. Kenneth** (ret fac) and **Elaine Laurence**, Moscow, ID; **Claire Lieske** ('54), Vallejo, CA; **Dr. Richard Loeppky** ('59), Mukilteo, WA; **Dr. Christine Mackert** ('60 pre-med), Portland, OR; **William J. and Shirley A. Maeck Family Foundation**, Idaho Falls, ID; **Dr. Kathryn (Davis, '57 pre-med) and William Mahaffey**, St. Thomas, VI; **Ronald** ('68) and **Marlene McCartney**, Portland, OR; **Dr. Gregory Merklin** (PhD'96), Somerville, MA; **Dr. Bruce Mincher** (MS'90, PhD'97), Idaho Falls, ID; **Amelia Nash**, Bartlesville, OK; **David** ('60) and **Dorothy Nash**, Olympia, WA; **Natale Consulting** (gift in kind), Moscow, ID; **Alison** ('89 Engl, IRF staff) and **Joseph Nowakowski**, Genesee, ID; **Dr. Frederick** ('65 zool) and **Arlene Oyer**, Ontario, OR; **Dr. John Pearson** (PhD'74), Big Rapids, MI; **Dr. Dallas Pence** ('54, MS'59), Buhl, ID; **Dr. Eugene and Margaret (Deggendorfer, '48) Pflug**, Bellevue, WA; **Dr. Kenneth** (PhD'68) and **Patricia (Taylor, '64, MS'68 geog) Pober**, Houston, TX (matched by Halliburton Foundation); **Dr. V. N. Malli** (PhD'66) and **Vera Lee (Collins, '64 h ec) Rao**, Wilmington, DE; **Dennis Reece** ('73, MS'75, MS'77 hydr), Baton Rouge, LA; **Dr. Edgar E. Renfrew** ('36 phys), Lock Haven, PA (matched by Philips Electronics North America); **Dr. Malcolm** ('32, MS'34, ret fac) and **Carol (Campbell, '35 econ) Renfrew**, Moscow, ID; **Donald E.**

Roberts Estate, Alexandria, VA; **Dr. Clifford** ('62, MS'64) and **Joan Schoff**, Allison Park, PA (matched by PPG Industries); **Dr. James** ('77) and **Cynthia Schreiner**, Sedalia, MO; **Karl Schweier** ('88), Greer, SC; **Ronald Sestero** ('72 pre-med), Boise, ID (matched by Abbott Laboratories); **Dr. Pamela Shapiro** (fac), Moscow, ID; **Michael Sherwood** (MS'79), Seattle, WA; **Dr. Jean'ne M. Shreeve** (fac), Moscow, ID; **James** ('68) and **Cheryl (Jacobs, '60 ed) Shurts**, Richland, WA; **Clark B. Smith** ('90), Denver, CO; **Dr. Wayne Solomon** ('55) and **Janet Reis**, Champaign, IL; **Craig** ('71 pre-med) and **Jane (Eidemiller, JD'96) Spencer**, Grangeville, ID; **Dr. George** (PhD'74) and **Dr. Joanne Sprenger**, Las Vegas, NM; **Eben Sutton** ('95, MAcct'99), Sacramento, CA; **Dr. James** ('58, MS'60) and **Arlene Throckmorton**, Woodbury, MN (matched by 3M Foundation); **John and Alice (Compton) Townsend**, Moses Lake, WA; **Vector Research Company**, La Grande, OR; **Dr. Chien** (fac) and **Lily** (MS'79 hist, ret libr fac) **Wai**, Moscow, ID; **Dr. Keith** ('62) and **Joyce (Fischer, ed) Watenpugh**, Coupeville, WA (matched by Pfizer); **Williams Family Living Trust**, El Dorado Hills, CA; **Richard** ('91) and **Stephanie Williams**, West Richland, WA; **Dr. Terry Wilson** (MNatSci'71), Annandale, NJ; **Dr. George W.** ('59) and **Carolyn Woodbury, Jr.**, Lopez Island, WA; **Dr. Warren** ('66) and **Dr. Laura Yeakel**, Flat Rock, MI; **Dr. Chi-Liang** (MS'72 ch e) and **Dr. Charlene Yu** (MS'69, PhD'73), Bridgeville, PA; and **Dr. Changjiang Zhu** (PhD'95), Bel Air, MD.

Matching gifts have been received from:

3M Foundation, Inc. (matching the gifts of Dr. Craig Burton and Dr. James Throckmorton); **Abbott Laboratories** (matching the gifts of Dr. Yung Kim, Lorin LaFoe, and Ronald Sestero); **Chevron Texaco Products Company** (matching the gift of Robert Burchell); **Cytac**



Industries, Inc. (matching the gift of Daniel Liebowitz); **GlaxoSmithKline Foundation** (matching the gifts of Brian Beckmann and Dr. Chen-Hwa Hui); **Global Impact** (matching the gifts of Laura Harbert); **Halliburton Foundation** (matching the gift of Dr. Kenneth Pober); **IBM International Foundation** (matching the gift of Dr. Douglas Henderson); **Pfizer Foundation** (matching the gift of Dr. Keith Watenpaugh); **Pharmacia Foundation, Inc.** (matching the gift of Scott Plaisted); **Philips Electronics North America Corporation** (matching the gift of Dr. Edgar Renfrew); **PPG Industries Foundation** (matching the gift of Dr. Clifford Schoff); **Raytheon Company** (matching the gift of Leonard Getrum); **Tyco International Ltd.** (matching the gift of Tim McKinley); and **Wells Fargo Foundation** (matching the gift of Terri Butz).

Almquist Lecture



On 28 February 2006 **Dr. Erik Hasenoehrl** (PhD'92) returned to campus to present The Almquist Lecture. In "From Light Bulb to Store Shelf: Innovation at P&G," Erik discussed the product development process at Procter & Gamble, from generating new product ideas, to transforming the ideas into products, and bringing the products to market. Erik joined the Beauty Care Analytical Division of the Procter & Gamble Company immediately after graduation and has developed expertise in all aspects of new

product design from conception to commercialization. He now holds over 26 US patents on cleansing technologies and product designs. The Almquist Lecture honors deceased alum

Dr. J. Arthur Almquist ('19 ch e), a du Pont executive who left a bequest to encourage chemistry and chemical engineering undergraduates to continue their education through graduate study.

Seminars

Speakers at departmental seminars in the year ending 30 June 2006 were **Dr. Robert Bergman**, University of California, Berkeley; **Dr. Peter Budzelaar**, University of Mijmegen, The Netherlands; **Lan-Chun Chang** (grad); **Phillip Charest**, Chemical Abstracts Service; **Dr. Dennis Evans**, University of Arizona; **Carlos Fernandez** (grad); **Bryce Frates** (grad); **Gary Gresham** (grad), Idaho National Laboratory; **Brian Harris** (grad), Idaho National Laboratory; **Dr. Joel Harris**, University of Utah; **Jamie Herman** (grad); **Patrick Hrdlicka**, University of Southern Denmark; **Dr. Guy Joly**, Massachusetts Institute of Technology; **Derek Laine** (grad); **Chun Li** (grad); **Dr. Richard Loeppky**, University of Missouri (retired); **Dr. Marcin Majda**, University of California, Berkeley; **Dr. Chris Orvig**, University of British Columbia; **Noel Palmer** (grad); **Dr. Dale Russell**, Boise State University; **Kenichi Shimizu** (grad); **Dr. Rhett Smith**, Massachusetts Institute of Technology; **Monika Szabon**

(grad); **Dr. Alexey Timoshkin**, St. Petersburg State University, Russia; **Dr. Ashwani Vij** (ex staff), Air Force Research Laboratory; **Dr. Timothy Warren**, Georgetown University; **Dr. Michael Wojcik** (PhD'01), Pacific Northwest National Laboratory; **Clive Yen** (grad); and **Byunghoon Yoon** (grad).

The Washington-Idaho Border Section of the ACS sponsored presentations by **Dr. Donald A. Burns**, Los Alamos National Laboratory (retired); **Dr. James F. O'Brien**, Missouri State University; and **Sister Mary Virginia Orna**, PhD, College of New Rochelle.

Curricular Cousins

Professor Douglas Henderson, who was a member of our physics department when our university started its PhD program, spent years in research with IBM but then became an academic. He now is in the chemistry department of Brigham Young University. **STOCHASTIC DIFFERENTIAL EQUATIONS IN SCIENCE AND ENGINEERING**, co-authored with **Dr. Peter Plaschko**, was published recently by World Scientific Books. A Christmas note reported both good and bad. Surgery has made Doug a member of the "Semi-Colon Society." Their friendly dog caused wife **Rose-Marie** to have a broken ankle. Their children are doing well scholastically and are progressing in musical skills. In January Doug planned to attend a meeting in Chicago on simulations and in May an applied mathematics meeting. In February Doug and R-M were to go to Antarctica and return to home in Sandy, UT, via Argentina.

Dr. Gary L. Bennett ('62 phys, MNucSci'66), retired from NASA, lives in Emmett where his home narrowly escaped one of the forest fires afflicting Idaho last summer. He devotes time and talents to keeping our newspapers well informed on science issues and the promotion of a paperback edition of his well-received novel, **THE STAR SAILORS**. He also gave papers and chaired sessions at an international Energy Conversion Engineering Conference in San Diego in June. When Gary questioned a report in the **NEW YORK TIMES** about the use of Polonium 210 as a radioisotope power source for a space shot, his objection received prompt attention on 3 December in a **SECURITY NEWS BLOG**. (See "All for Science," p 12.)

Dr. Ron Stoffer (PhD'74 biochem), who long was a professor of chemistry at Lewis-Clark State College, was photographed in December at the Lewis-Clark Care Center for assisted living which he opened in Lewiston. As administrator, he lives in an on-site apartment and will have staff covering 24-hour service.

Dr. Arden L. Bement, Jr. (MS'59, met engr), director of the National Science Foundation, added to his many honors the coveted ACS Public Service Award last April. He earlier served as the director of NIST and was professor of nuclear engineering at Purdue.

Dr. Po-Ping Wong ('54, MS'55, hort) is amazed by flying times. It was two years ago that he retired from his dental practice and relocated in the high desert of Southern California at Helendale. During 2006 their perpetual motions included re-

visiting our university for a reunion of the Vandaleers (making good use of his photography skills to make pictorial records of the campus and its students and faculty) and visits to Las Vegas (enough said!). He and wife **Jane** enjoyed a celebration of their 50th wedding anniversary and they are looking forward to a 60th. (Jane's parents made an 84th.)

Gary Jackson ('67, phys) returns often to Moscow from his home and family in San Diego to visit his mother **Betty**, the widow of his father **Dr. Melbourne L. Jackson**, who served here both as dean of engineering and dean of the graduate school and as professor of chemical engineering. With his mother he attended on 6 August the now annual neighborhood party where the Jacksons lived during his younger years. The area was then a faculty development labeled "Idiots Ridge" by some UI students.

Vital Statistics

ENGAGEMENTS

Rebecca Cleveland ('01) and Brock Schroeder ('04 mech e) announced in April 2006 their plans to marry 9 September 2006 in Hayden Lake, ID.

BIRTHS

A son Krzysztof (Christopher) born 1 August 2006 in Poland to Monika and Robert Penczek. Robert had spent the summer of 2005 here in Moscow on a research project with Professor Tom Bitterwolf.

A daughter Lucia Tianyun born 15 September 2006 in Moscow to Dr. Yong Guo (postdoc) and Haiqun Lu.

A daughter Caitriona Aina born 19 June 2006 in Moscow to Rick (undergrad) and Miriam Henderson.

A son Ian born 25 November 2006 in Pullman to Byunghoon Yoon (grad) and Yunjeong Han.

A daughter Micah Jayne Ganley Nairn born 17 October 2006 to Justin (grad) and Dr. Rebecca 'Beccy' (Ganley, PhD'04 nat res) Nairn in New Zealand.

A son Luke born 3 March 2007 in Moscow to Weigin and Dr. Yangen Huang (postdoc).

A daughter Anna Elizabeth born 14 December 2005 in Pullman, WA, to Susan (Riemenschneider, MS'91) and Steve Bentjen (MS'88, microbiol). Big brother Quinn, seven years older, was pleased with his baby sister.

DEATHS

Dr. Jai Soo Kim, a retired professor from New York University at Albany, died on 5 September 2006. He had completed a PhD in physics at the University of Saskatchewan and was on the faculty of Clark University when we persuaded him to join our physics department in 1960 just as we were starting the PhD program. He promptly developed a productive research program with a

sky searching facility on Moscow Mountain and seven years later left us to head the atmospheric science department at SUNY Albany. This became an internationally recognized program with research stations at top and bottom of the earth. Dr. Kim also had continuing business responsibilities in Korea after retirement, and the Kims had a winter house in the Cayman Islands. He is survived by his wife and children.

Donald F. Adams, a WSU retiree and former UI affiliate faculty, died in Spokane on August 23. He became a specialist on air pollution and developed relationships with our professors Chien Wai and Sherry Farwell (ex fac) that brought him often to our department. His wife Joyce (Beadles, '42 mus ed) continues in their Spokane home. Three children and families also make their homes in Washington State.

Mary Evelyn DuSault ('25, math) died 23 February 2006 at Good Samaritan Center in Moscow after an able 101 years. Her father, Dr. Martin F. Angell, was a physics professor here who later served as dean of the L&S College and also had been head of the UI Southern Branch at Pocatello. She had married Donald D. DuSault ('23, MS'26), an instructor in chemistry who later became the University's registrar. She was widowed 25 years ago. She is survived by daughters Anne Cone of Boise and Sally Chellstop of Roseburg, OR, and brothers Donald and Robert Angell.

Professor emerita of mathematics Elna Grahn, 92, died at Moscow's Good Samaritan Village on 3 August 2006 where she had lived in retirement after the death of husband Dr. Edgar Grahn, emeritus professor of chemistry and dean of the graduate school. Our chemistry majors in the "Grahn era" all had courses given by Ed and many were in Elna's math classes, some provided by TV. Elna held degrees from the University of Wisconsin and did graduate studies at Stanford and the University of Wisconsin. During World War II Elna served in the Women's Army Auxiliary Corps and became a captain with special administrative assignments. She was promoted to major and was awarded an Army Commendation Medal. She later wrote a book, *IN THE COMPANY OF WACS*, recounting Army experiences. At our university Elna served on key faculty committees and was also a leader in deserving community projects. She was an active member of the American Association of University Women and held offices at local, state, and regional levels.

Dr. William Wallace Douglas ('56 pre-med) died on 22 July 2006 in Rochester, MN, where he was a consultant on thoracic disease and an assistant professor at the Mayo Medical School. He grew up in Lewiston and at UI was a member of Sigma Nu. His medical training was at the University of Colorado and he served the US Air Force as a Captain and physician. The Mayo Medical School gave him awards for clinical excellence and the 1991 Teacher of the Year award. He was known for skills in fishing, hunting, sailing, skiing, photography, painting, botany, and aviation

history. He is survived by wife Nancy, two daughters, a son, and four sisters.

Dr. Bruce R. Cairns ('59) passed away on 14 August 2006. A celebration of his life was held in Palo Alto, CA, on 27 August. As an undergraduate Bruce became a member of Phi Beta Kappa and in his PhD program at the University of California at Berkeley a member of Sigma Xi. He held a postdoctoral fellowship at the Lawrence Livermore Radiation Laboratory and then spent "40 plus" productive years in the electronics industry in research and management positions in operations. His 42-year marriage with Suzanne brought three children and six grandchildren into the family. They were strongly committed to the Christian faith and were active in youth programs. In retirement they enjoyed traveling and befriending people. Suzanne continues in their home in Los Altos Hills, CA. Bruce's brother, the Reverend Ralph A. Cairns ('58), shared the family's strong religious convictions rather than continuing in science and became a pastor and hospital chaplain. He lives in Hermiston, OR.

Larry L. Nash Prize

Larry Nash completed an MS in Fluorine Chemistry in 1968. He spent nearly 35 years with Chevron Phillips, finally as Senior Research Fellow in specialty plastics. During his career he made contributions in research and production of Solprene rubber, styrene-butadiene rubber (SBR), Cs-4, polyethylene pipe and K-Resin. His work was covered by many patents several of which he was the sole holder. He was the designer and plant manager of Phillips' K-Resin Pilot Plant in Bartlesville, OK. Larry was the first recipient of the distinguished Chevron Phillips Chemical Company E³ Lifetime Achievement Award, which is based on excellence, entrepreneurship, and expansionism. After a short retirement, Larry passed away in August 2004. Surviving were his wife Amelia and two daughters (plus a son-in-law and a brand new granddaughter). In order to honor and remember Larry, his family and friends have established the Larry L. Nash Prize to be awarded annually to a University of Idaho chemistry graduate student who emulates the many fine qualities that all who knew him associated with Larry. Words to describe him include honest, full of integrity, dedicated, hard-working, straightforward, helpful, and kind, to name just a few. All full-time chemistry graduate students are eligible. The Prize includes a plaque and a monetary recognition. The first Prize will be awarded in Spring 2007.

Meetings

Professor Jean'ne Shreeve when attending the 8th International Symposium on Fluorine Chemistry in Bremen, Germany, in early August found others with UI connections: **Dr. Gary Gard** (ex vis fac), **Dr. Burkhard Krumm** (ex postdoc), **Dr. Tariq Mahmood** (PhD'87), **Dr. Dayaldas Meshri** (PhD'68), **Robert Shreeve** ('91 chem, e e), **Dr. Masayuki Takashima** (ex postdoc), **Dr. Kyoshi Tanaka**

(ex postdoc), and **Dr. William Wilson** ('69). These attendees had come many miles en route to the meeting: Gary from Portland State University; Burkhard from Universitat Munich, Germany; Tariq from Galaxy Chemicals in Tulsa, OK; Dayal from Advance Research Chemicals in Catoosa, OK; Robert from Schweitzer Engineering Labs in Pullman, WA; Masayuki from the University of Fukui in Japan; Kiyoshi from Seikei University in Japan; and Bill Wilson from USC in Los Angeles, CA. (**Cathy Shreeve**, wife of Robert, came from Moscow, ID.)

At the 232nd ACS National Meeting held in San Francisco on 10-14 September, in addition to other meeting activities, **Professor Nick Natale** participated in a focus group of invited National Chemistry Week Coordinators. He and **Professors Tom Bitterwolf, Pam Shapiro, and Richard Williams** reported contacts with attendees with UI connections.

Dan Chase ('05) and his wife **Stacey (Patchett, '05 math, ed)** are enjoying life in Eugene, OR, where Dan is a graduate student in organic chemistry working with **Dr. Michael Haley**.

Colin Carver ('04) and **Stephanie Doan** ('03, MS'04) are making good progress on their research at UCLA. Colin has passed candidacy and is working with **Dr. Paula Diaconescu** on an organometallic project. Stephanie studies physical chemistry.

Dr. Richard C. Johnson (PhD'68) continues as a consultant after selling his Desert Analytics business and looks forward to more free time. He reports that **Dr. Mazhur Khan** (PhD'66) has retired.

Dr. Peiwen Zhou (MS'96, PhD'98) lives in Palo Alto, CA, and is employed by Exelixis, an integrated drug discovery and development company.

Dr. Xiaochun Han (PhD'02) is employed by Hoffman-LaRoche pharmaceuticals in California.

Dave Quincy ('85) works with Elan Corporation (see p 5).

Dr. Suh-Jane Lee (MS'00, PhD'04) is a postdoc at Pacific Northwest National Lab working with **Dr. James Franz** (affil fac).

Dr. Jon Tunge ('95), assistant professor of Chemistry at the University of Kansas, planned a return to UI in the fall to present a seminar.

Dr. Ashwani Vij (ex postdoc, res staff) presented three talks on his research at the Air Force Research Lab at Edwards AFB, CA. He and his wife **Vandana** (MS'01) also visited their daughter who is an undergraduate student at UC Berkeley. Ashwani had returned to UI the previous spring to present a seminar.

Other familiar faces at the meeting included **Trina Villalobos** (undergrad, see p 12), **Dr. Richard Hermens** (PhD'63),

Dr. Robert Tolbert (PhD'97), **Dr. Tariq Mahmood** (PhD'87), and **Dr. Matt Pollard** (PhD'05), and from WSU

Dr. Jeanne McHale (ex fac) and her husband **Dr. Fritz Knorr**, and **Dr. Don Matteson**.

The ACS Northwest Regional Meeting was held in Reno, NV, on 25-28 June with **Professors Nick Natale** and **Chien Wai** in attendance. They reported seeing **Dr. Tim Hubler** (MS'88, PhD'92), **Dr. Yuehe Lin** (PhD'97) and **Hong Wu** (MS'95) from Pacific Northwest National Lab, **Dr. Richard Johnson**

(PhD'68), **Dr. Richard Hermens** (PhD'63), **Scott Meikrantz** ('92) from Hamilton Co. in Reno, NV, and **Jane and Glenn Crosby**, retired from WSU. **Dr. Joe Chimeno** (MAT'90) was listed in the abstracts. Nick served on the NorBoard with Tim Hubler, who is the general chair for the 2007 NORM in Boise in June. Dick Hermens is chair of the education programming for the Boise meeting.

At the Pittcon meeting in Orlando, FL, on 12-16 March 2006 **Dr. Peter Griffiths** was in charge of the symposium entitled "Surface-Enhanced Vibrational Spectroscopy." At the meeting he saw **Dr. Mark Wall** (ex postdoc), **Dr. Richard Jackson** (ex postdoc), **Dr. Husheng Yang** (PhD'99, ex postdoc), and **Dr. David Heaps** (PhD'05).

View from the Top

Well, here we go – my first "View from the Top". I feel like I've turned into a character in my own cartoon – which, in fact, I have (see elsewhere in the *Vandalchemist*).

To recap what led us to the current situation – Peter Griffiths, our fearless leader for countless years, has decided to call it a day and become an elder statesman. To inaugurate this new phase of his life, he has taken up a yearlong Humboldt fellowship in Germany, where he presently resides. As you read this, he is probably enjoying bratwurst and beer.

Meanwhile, back on the farm, the lagoon still needed tending. As it happened, I floated to the top. Since it looks like this interim appointment will last some time, one is apt to ask: "Is he able to do the job?" The answer is a definitive "That remains to be seen!" Let us first explore the strikes against me:

1. Being chairman involves a great deal of committee work, and I am worthless at this. In fact, I hate and despise committees. I am not even familiar with the jargon – what is a KPI? What is a straw man? How many weeks does a strategic plan typically last? If only I knew.
2. I am not entirely comfortable with passing judgment on my colleagues. This stems from the recognition that some of them may overestimate their ability to walk on water. Pointing out to them that they are merely adequate swimmers is challenging.
3. I view my co-chairs in the College of Science with a modicum of suspicion. Sure, they appear to be nice enough, but it is not inconceivable that they are out to get me.
4. The buck may not stop at the chairman's desk, but the nickels and dimes do. I have low tolerance for whining, and I am not excited about everybody coming to me with their problems, real and imagined.
5. The chairman is expected to be deeply interested in a slew of marginal matters. This makes me yearn for the good old days, when I could ignore messages and erase e-mails with impunity.

Are there any positive points? Well yes, I could probably dredge up a few:

1. First and foremost, the job pays better. The day may come – the Lord willing, and the creek don't rise – that I reach the starting level of a Ph.D. in industry.
2. Some of the office staff refer to me as "boss". This is not necessarily a token of respect, but it has a pleasant ring to it. I occasionally have to remind myself not to strut.
3. I get plenty of opportunity to sign things, which I do with relish. The majority of documents have previously been evaluated by others, so all I have to do is apply the ink. I feel like the president.

All right, enough of these self-centered ruminations. As regards interesting and/or relevant events, I'd like to report that we have a new faculty member in bio-organic chemistry. His name is Patrick Hrdlicka, and despite the Czech origin of his name, he is actually Danish. Denmark, in case you forgot, is a small country in northern Europe, known mostly for Havarti and Niels Bohr.

Second, Suzanne Aaron, our veteran department manager, has escaped to the College of Letters, Arts, and Social Sciences. Her place was taken by Lodi Price, who hit the ground running and never stopped. I find her a tremendous help in fighting the windmills that have become the essence of my life.

Third, the College of Science dean, Judy Parrish, is stepping down in July, and we feel a tad forsaken. There will be an interim dean for a year or so, and then a new one will be installed. In my time as chair I have developed an appreciation for the plight of a dean – being one takes a pachyderm's hide.

Last, Nick Natale, professor of organic chemistry and UI faculty member since the early 80s, has found greener pastures in Montana. He will leave us this summer and take up residence in Missoula. We are now in the throes of finding a replacement, although it is, strictly speaking, the wrong time of the year to do so.

I better stop here. I have a department to run.



Ray von Wandruszka
Chair

REMINDERS

**Idaho Academy of Science: 19-21 April 2007 at
University Place in Idaho Falls**
UI Alum Reunion (Golden I): 27-29 April 2007
**ACS Northwest Regional Meeting (NORM):
17-20 June 2007 in Boise, ID**
**UI 13th Annual Life on Wheels RV Conference:
8-13 July 2007 (www.lifeonwheels.com)**

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