It is a pleasure and an honor to be appointed by Dr. Craig Svensson, the Dean of the College of Pharmacy, Nursing and Health Sciences, to serve as the Acting Head for the School of Health Sciences from July 1, 2007 to June 30, 2008. Dr. George Sandison, the Head of the School, is on sabbatical leave. For the first three months, Dr. Sandison was in Europe and had the opportunity to present a series of lectures and seminars and to interact with investigators at a number of institutions. Currently he is in Australia working on state of the art research projects in medical physics.

It is an exciting time. We have a new president, Dr. France Cordova. Prior to joining Purdue, Dr. Córdova served as Chancellor at UC Riverside. Before that, this astrophysicist was a professor of Physics and Vice-Chancellor for Research at UC Santa Barbara, and previous to that she was Chief Scientist at NASA. For more information, go to: http://www.purdue.edu/president/about/biography.html. President Córdova has a very real interest in the life sciences and in collaborative research including interactions between investigators from the biological and physical sciences and those in liberal arts, management and education. She has already instituted activities related to finding a new provost and a new vice president for research.

As part of the process for accreditation of Purdue by the North Central Association of Colleges and Schools, we are actively reviewing the outcomes we expect of the education of both our undergraduate and graduate students and the ways in which can assess if we have achieved these. This is a difficult task in view of the number and variety of majors we have, but it is an excellent time to reflect on what we hope to accomplish in our programs and take stock of whether or not we are meeting those goals.

The School of Health Science’s Advisory Board met in October. This Board plays an essential role in helping the school identify areas of both strength and weakness, so that we can continually improve our programs. At their October meeting the Board members reviewed and commented on the School’s new Strategic plan, which is currently in draft status, an internal self-study report on our graduate programs, which we prepared last spring, and an external review of our graduate and research programs that was undertaken at the request of the Dean’s office. Their careful critique and comments regarding the various activities of the School in discovery, learning, and engagement are always of value. The Advisory Board also plays a key role in assisting the School with its development program which is currently focusing on scholarships and fellowships.

Dr. Gerald Bruno was presented the John Christian Distinguished Alumnus Award. Dr. Bruno was the first graduate student in the Bionucleonics graduate program which later developed into the School of Health Sciences. He had an outstanding career in industry and later became an entrepreneur. His current company is Ethical Alternative Products. Read all about this remarkable man in an article in this issue of the Update. We are very pleased that we were able to convince Dr. Jennifer Freeman to join our faculty. Dr. Freeman is a toxicologist with a particular interest in applications of molecular toxicology, cytogenetics, genomic analysis and developmental biology to problems in toxicology. Read more about her in an accompanying article in this issue of the Update.

In the midst of all this activity, we moved our main office! With the opening of the new Neil Armstrong Hall of Engineering next to the Civil Engineering Building, we relocated from our old location tucked away in the back of the building, to the very front, right next to the Office of Student Services office complex. This makes us more visible and is very convenient for interacting with OSS advisors and staff.

Finally, let us hear from you. It would be very nice to include in the Update news of what alumni of the School of Health Sciences are doing, so please share with us.
Congratulations to the Fall 2007 School of Health Sciences Bachelor of Science Graduates

Andrea Elizabeth Adragna
Sarah Marie Bennett
Jessica Lynn Brown
John Peter Carney
Adam John Celarek
Michael Edward Chester
Ashley Brooke Chesterson
Annie Pauline Daugherty
Kristin Marie DeHaven
Andrew Paul Dzieglowicz
Sean Michael Essex

Matthew Eric George
Ryan Alan Gutgsell
Scott Alan Hunter
Christina Lynn Jackson
Corliss Aleta Johnson
Jillian Joan Jweinat
Stephanie Allison Linsenmeyer
Keeli Nicole Mayes
Beauregard M. Middaugh
Alan Joseph Minne

Danielle Marjorie Pike
Benjamin Richard Rouse
Trevor Kyle Sanders
Cristen Lee Schneider
Zachary Lee Skaggs
Willie Carnale Smith
Lauren J. Spicer
Jennifer Lauren Stever
Adrienne Elaine Thorpe
Rachel Marie Vetor
Emily Suzanne Waltz

CONGRATS!

Congratulations to Health Sciences Students Admitted to Professional Schools

Sarah Dalton
Ohio State University
School of Optometry

Nathan Goldberg
Illinois College of Optometry

Monica Mitcheff
St. Louis University

Jill Pall
Illinois College of Optometry

Akshay Thomas
Indiana University Med School
Case Western
Welcome Freshman and Ambassadors

The School of Health Sciences Freshman Orientation and Ambassador Orientation were held on Sunday, August 19, 2007. Everyone enjoyed meeting and greeting students, staff and faculty. See highlights below.
Many, many of these students go forward to become doctors, physical therapists, physician assistants, dentists, optometrists ad infinitum but we have no financial assistance to those who may need a boost to help them get through some very challenging academic programs. It is a source of embarrassment to me to tell potential students that we offer no scholarships based on academic achievement. That’s right… none. We are so very fortunate that we still attract the “best and the brightest.”

Won’t you please consider helping out a pre-med student who has the 4.0 (perfect) grade point average but to whom we are able to offer no financial assistance? Or think about how it appears to those of us responsible to recruit students to a school that offers no scholarships. Please do whatever you are able to help out. Few of us have “deep pockets” or at least no pockets deep enough that we think will make a difference. But maybe, just maybe, we can capture the spirit of our wonderful student body and know that helping not only helps the receiver but also the giver.

We have several student organizations that serve our students’ interests. All of these organizations are headed by students who understand what it means to serve. Of course, they serve our community and our school but they also take the time to serve each other. So if you are a parent reading this, know that we have the greatest students that Purdue has to offer. They are not “badge collectors” either. You know, those who go about seeing how many badges they can pin on their hats to show what a great human being they are? Well those are not our students.

I would issue a call to all of you to consider making a monetary contribution to our school to honor these great students. For all of the good that they accomplish, we should at least be able to offer some type of financial assistance to say thank you. We virtually have no scholarships to offer even our best and brightest students. We have an Ambassadors program whose members are chosen for their academic achievements and their ability to help us convey to others what a terrific school we have but in the end, we offer only a piece of paper recognizing their service. Many, many of these students go forward to become doctors, physical therapists, physician assistants, dentists, optometrists ad infinitum yet we have no financial assistance to those who may need a boost to help them get through some very challenging academic programs. It is a source of embarrassment to me to tell potential students that we offer no scholarships based on academic achievement. That’s right… none. We are so very fortunate that we still attract the “best and the brightest.”

I am forever amazed at the quality of students that pass through our portals. I suppose the fact that we are a school that attempts to enhance public health sets the tone more than anything. Rest easy my “Baby Boomer” colleagues, the quality just seems to be getting better. I wouldn’t say that our students today are more intelligent but that do have more interest in “doing good” than most.

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Congratulations Faculty, Staff and Grad Students

Dr. Zheng was invited as a speaker in a high profile "George Bush China-U.S. Relations Conference: Development, Energy and Security" in Washington DC, Oct. 23-25, 2007. Keynote speakers included U.S. Secretary of Treasury Henry Paulson, Secretary of Commerce Carlos Gutierrez, Secretary of Energy Samuel Bodman, Secretary of Health and Human Services Michael Leavitt, Acting Secretary of Agriculture Chuck Conner, Vice Minister of Ministry of Science and Technology Liu Yanhua and Assistant Minister of Chinese Ministry of Commerce Wang Chao. The Conference brought together governmental, business, and academic leaders in seven forums for the subjects of Sino-U.S. interests from agricultural sustainability, national security, trade development, education exchange, to health and environment issues. Dr. Zheng, representing the U.S. academic scholars, discussed his view on the impact of rapid economic growth and industrialization in China on environmental and occupational health and his recommendation to improve bilateral collaborations between two countries. Former President George H. W. Bush spoke in the banquet on Wednesday night along with Mr. Li Zhaoxin, the former Chinese Ambassador to the U.S. The Conference was co-sponsored by the Bush Library Foundation and Chinese People’s Association for Friendship with Foreign Countries.

Lindsey Kneten was awarded first place by the ASI (Air Sampling Instruments) Committee for her poster. This summer Lindsey was also given the Commanders Coin by USACHPPM (Center for Health Promotion and Preventive Medicine for the Army) for outstanding work on the Anniston Army Depot Project.

Judy Rose James, a graduate student in Health Sciences has won the Student Travel Award from the International Society for Magnetic Resonance in Medicine (ISMRM). She presented her work (oral presentation) in Berlin, Germany on May 2007.

CALL FOR NOMINATIONS...

Robert R. Landolt Award for Excellence in Teaching
School of Health Sciences, 2008

The School of Health Sciences is pleased to request nominations for the 2008 Robert R. Landolt Award for Excellence in Teaching. All faculty and staff who teach Health Sciences courses are eligible for the award. Letters of nomination can be sent to Dr. Frank S. Rosenthal, chair, School of Health Sciences Awards Committee. Any student, faculty member or alumnus can submit a nomination or an additional letter of support. Letters of nomination or support can be submitted at any time, but should be received no later than February 1, 2008. For further information please contact: Dr. Frank S. Rosenthal, Room 1273 CIVL, 765-494-0812, FAX: 765-496-1377, email: frank@purdue.edu.
Gerald Bruno was the first graduate student to enroll in the Bionucleonics graduate program. Upon graduation, he entered the U.S. Army as a commissioned officer and performed inspections of Army licensed radiation facilities. After his Army tour, he accepted a position as Assistant Professor at South Dakota State University where he taught a graduate course in Bionucleonics and did research on dental caries.

In 1964 Dr. Bruno accepted a position as Senior Information Scientist at E.R. Squibb and Sons and shortly thereafter was made Director of Diagnostics Research and Development which encompassed the radiopharmaceutical, in vitro diagnostics, and blood products areas. Under his guidance a large number of new products were introduced as leading-edge advances in their respective markets. These products included conventional medical isotopes, short-lived radioisotope generators, kits for the on site preparation of radiopharmaceuticals, and numerous radioimmunoassay kits. He was awarded a patent on the first sterile Technetium-99m radioisotope generator that altered the practice of Nuclear Medicine and was a major commercial success. Additionally, he pioneered the development of kits for on site preparation of short-lived radiopharmaceuticals that triggered the formation of central radiopharmacies, and introduced the first complete radioimmunoassay kit. Dr. Bruno was elected President of the Radiopharmaceutical Science Council, Society of Nuclear Medicine in 1977, and served as Chairman of the Isotope Committee, Atomic Industrial Forum.

He took a position in 1978 as Vice President for Research, Development and Diversification for G.D. Searle (Searle Diagnostics). Dr. Bruno was responsible for the new product development program in the nuclear and ultrasound imaging business units. He managed a technical staff of 120 physicists and engineers and successfully introduced several new products for nuclear imaging and microprocessor based image processing.

After a short stay with Searle, Dr. Bruno assumed the responsibilities as executive vice president at the Medical Products Division of National Medical Care. In this position, he was responsible for Manufacturing, Research and Development, Quality Control, Regulatory Affairs, Materials Management and New Business Development for dialysis-related products used and sold by the leading provider of dialysis services in the U.S.

His accomplishments at National Medical included major cost reduction programs to achieve market leadership in medical disposable products, licensing/acquisition agreements, including a proposed joint venture with Peoples Republic of China, and introduction of several new products. After more than 20 years in the corporate world, Dr. Bruno started on an entrepreneurial path when he founded Biotrax International in 1985. As president and CEO he was responsible for startup financing and all business aspects of the corporation which performed mobile diagnostic medical tests such as ultrasound imaging, nerve conduction velocity and bone densitometry in dialysis clinics and physician offices. The business was sold to National Medical Care (W.R. Grace) in 1994. Dr. Bruno continued to manage the business for several years after the sale and completed an aggressive acquisition program consolidating several of the larger service providers.

In 1996 SL Ventures was founded as a small business investment and consulting venture. SL Ventures has made a number of “angel” investments in healthcare and medical technology start-up companies and has provided consulting services to these companies in the area of general management, strategic planning and financial management. Dr. Bruno has served on the Board of Directors for portfolio companies including Triosyn Corporation, Health Resources Group, Sales Reps OnLine, Kemtek Pharmaceuticals, and Agenisys Corporation.

In 2005, Dr. Bruno founded Ethical Alternative Products which is focused on developing and marketing dietary supplements that have a strong scientific basis for their use in alternative medicine. His early interests in this area include unique formulations of the broadly studied and widely used antioxidant alpha lipoic acid.

Dr. Bruno has been married to Judith Haley since 1958 and has four children - Patrick, Gerald Jr., Christopher and Cynthia - three of whom graduated from Purdue. He also has three grandchildren – Nicholas, Allison and Jake. Outside of work, he enjoys reading and racquetball.
The Distinguished Alumnus Luncheon was held on October 19th in the Purdue Memorial Union West Faculty Lounge. Below are highlights from the luncheon.

Pictured left to right:
Linda Davis (daughter of John Christian), Dr. Gerald Bruno, Dr. Paul Ziemer, and Dr. Gary Carlson

Pictured left to right:
Dr. Gerald Bruno, his wife Judith and daughter Cynthia

Dr. Gerald Bruno serenaded by the Purduettes
Welcome to Health Sciences!

Dr. Jennifer Freeman, Ph.D., Assistant Professor of Toxicology

Dr. Jennifer Freeman recently joined the School of Health Sciences as an Assistant Professor of Toxicology. Dr. Freeman’s research interests are in toxicogenomics, aquatic toxicology, and cytogenetics. Dr. Freeman obtained her Ph.D. in environmental toxicology and molecular cytogenetics from the University of Illinois at Urbana-Champaign, where her research focused on investigating the potential impacts of agrochemicals commonly reported to contaminate potable and surface waters in a model anuran species, *Xenopus laevis*, and in a native anuran species, *Bufo americanus*.

Following completion of her doctorate degree, she was a Postdoctoral Fellow at Harvard Medical School and Brigham and Women’s Hospital, Boston. During this time her research focused on learning the genetics and developmental biology of a second vertebrate aquatic model organism system important in biomedical research, the zebrafish. Dr. Freeman was involved in providing cytogenetic mapping data for the zebrafish in efforts to establish an accurate and comprehensive genome sequence in affiliation with the Zebrafish Genome Project at the Wellcome Trust Sanger Institute, United Kingdom. She also developed the first array comparative genomic hybridization platforms for the zebrafish, which were applied to investigate genomic imbalances in zebrafish developmental mutant and disease models and to interrogate the zebrafish genome for inter- and intra-strain copy number variation.

At Purdue, Dr. Freeman will utilize her background in toxicology and genomics to investigate the potential genotoxicity of chemical environmental stressors using the zebrafish model system. Dr. Freeman has currently published 12 research papers in peer-reviewed journals and has presented her research at various regional, national, and international meetings.

Dr. Freeman is married to Noah Freeman, whom is beginning the agriculture program at Ivy Tech Community College-Lafayette, and they have a son, Gabriel, who is 2 ½.

Yvonne Nash, Secretary

Yvonne was born and raised in the Lafayette/West Lafayette area. She learned to cheer for Purdue while learning how to walk, since her father taught Pharmacy Administration for 40 years. She graduated from West Lafayette High School and attended Purdue, where she met her husband. They were married in 1970 and transferred to Los Angeles, California for his first assignment with the Santa Fe Railroad. Yvonne has lived in Los Angeles and San Bernardino, California; Lenexa, Kansas; Winslow, Arizona; and Naperville, Illinois.

Yvonne has two sons, the oldest is 31 and living in the Seattle, Washington area working as a Computer Software Designer. The youngest, 28, lives in Naperville, Illinois, recently got married and is working for the Chrysler Corporation. She was privileged to be a “stay-at-home” mom for many years and then went back to work part-time as a secretary in an elementary school. She left there for full time employment and eventually worked for Tellabs, Inc. in Naperville, Illinois, which was founded and owned by Michael Birck, a Purdue alumni.

Yvonne then moved back to West Lafayette six years ago to take care of her aging parents. She worked at a title company in Lafayette as a Searcher for awhile, but then decided to come to Purdue. She first worked in the Women’s Resource Office, but always desired to work in an actual “school” with professors and students. Yvonne came to Health Sciences in May 2007.

The Office of Student Services has a new Clerical Work Study. Her name is Rebecca (Becky) Farnham. Becky is in the School of Liberal Arts majoring in English. Welcome Becky!
Health Sciences Picnic

The School of Health Sciences Annual Picnic was held on September 4th at Happy Hollow Park. Everyone enjoyed great food and camaraderie. Highlights of the picnic are shown below. Thanks to all who participated!

~ Reminder ~

The School of Health Sciences Awards Banquet will be held on Friday, April 18, 2007 at 6:30 pm in the Purdue North Ballroom

Purdue Alumni Association

Are you a member of the Purdue Alumni Association? The PAA is the best way to stay connected to Purdue. It’s easy to join! Just go to www.purduealum.org And click on “How to join”.
Thank you to the School of Health Sciences Donor Honor Roll
The following list is for gifts made to the School of Health Sciences from February 17, 2007-October 24, 2007

$20.00-$100.00 Level
Adam, Susan
Akens, Ronald Gene
Allen, Norman Lee
Almazan, Cynthia Lou
Aspy, Jennifer Ann
Bailey, Nancy Jean
Barringer, Michael F.
Beach, Patricia Lynn
Beal, Catherine Elizabeth
Becka, Lora Jean
Bhatti, Martha E.
Bissell, Merlyn Evarts
Boester, Andrew Wayne
Breuer, Joyce Marie
Browne, Andrea Louise
Burch, Joni Nicole
Cantwell, Diane Alice
Carvalho, Suely Maria
Chamness, Brenda Ellen
Christophel, Thomas Dean
Cieszkiewicz, Eric John
Conover, David L.
Corsi Jr., Joseph Albert
Crouch, Gregory Paul
Cua M.S., Florence Tansy
Cutshaw, Jennifer Sue
Dempsey, Mary
DiRuzza, Jennifer Lynn
Doolittle, Carol Sue
Downham, Dianna Lynn
Duellman, Pattie Marie
Dunbar, Ronald Blair
Durch, Alison Michelle
Edmonds, William Michael
Edwards, Russell Kent
Eke, Ndidi Lovelyn
Emmerich, Patrick Richard
Eninger, Robert Matthew
Falwell, Jana Beth
Frank, Elizabeth Ann
Gates, Linda Jeanne
Gerteisen, David Courtney
Gierscher Jr., Michael
Ginos, Steven Russell
Graham, Bernard William
Greene, Barbara C.
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Hall, Kathleen Marie
Heatherly, Cynthia Gail
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Heiny, Ann
Hinnefeld, Stuart Lee
Inskeep, Jennifer Lynne
Jackowiak, Linda Jeanne
Jakupco, Jane Marie
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Jones, Jana Corlyn
Jordan, Cynthia Denise
Keenan, Thomas Harry
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Klenck, Shelby Marie
Klonowski, Molly Marie
Klings, Kathy Mary
Kudva, Shanti A.
Kush, Beverly Jean
Lach, Heidi C.
Lazzaro, Laura Lee
Luksens, Linda Alice
Lutgring, Karen Renee
Mahin, Christopher Robin
Malone, Daniel Joseph
Marshall, William Scott
Mathura, Maressa Lynn
McCarroll, Frederick Davis
McFadden, John R.
McLaughlin, Mary Agnes
Meeks, Marion J.
Moore, James Edwin
Mote, Susan Lynn
Neff, Cheryl Jan
Nowicki, Kristine Teresa
Oliver, Julie Layne
Overpeck, Regina Ann
Parker, Michael George
Peddy, Luther Donald
Penrod, Laura Louise
Peterson Jr., Robert Eugene
Phifer, Conley Broadus
Pierre, Mary Annetta
Pletcher, Robin Renee
Rangel, Diana Irene
Richeson, Kurt Nathan
Ridpath, John R.
Robinson, Tracy Lynn
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Schmidt, Denise Louise
Schweitzer, James Francis
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Worley, Stephanie Louise
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Brandon, Heidi Elizabeth
Byrne, Patrick Joseph
Carlson, Gary P.
Chen, Laigao
Coy, Sarah Ann
DeOcampo, Beverly Joan
Des Rosiers, Colleen M.
Dockerty, Gordon Hillis
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Foulke, Judith Diane
Gery, Carolyn S.
Godsey, Christopher Brian
Hostetter, Christopher Jason
Huerta-Pavia, Eva Yolanda

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Eli Lilly & Co. Foundation, Inc.
Eli Lilly and Company
Fairobent, Lynne Anne
Geyer, Bart Darrin
Geyer, Frederick P.
Geyer, Johann Scott
Hampton, Stanley Dean
Nelson, Renee Madalyn
Paustenbach, Dennis James
Taylor II, Kenneth Hilton

$10,000.00-$25,000.00 Level
Vetter, Richard James
Goshen Health Systems

$15,000.00-$100,000.00 Level

$100,000.00-$250,000.00 Level

$250,000.00 Level

$500,000.00 Level

$1,000,000.00 Level

$5,000,000.00 Level

$10,000,000.00 Level

$20,000,000.00 Level

$50,000,000.00 Level

$100,000,000.00 Level

$500,000,000.00 Level

$1,000,000,000.00 Level

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