It was an immense pleasure this semester to celebrate with Dr. Dennis Paustenbach and his family the bestowing of an honorary doctorate upon him. An honorary doctorate is the highest honor that the University can bestow and Dennis is the first alumnus of the School to be recognized and receive this award. A summary of Dr. Paustenbach’s many achievements is reproduced later in this newsletter. My most heartfelt congratulations go to him for this greatly deserved award.

This semester has been spectacular with the faculty continuing to have great success with their research efforts and grant applications. Graduate students are also increasingly being recognized for their work with faculty drawing praise, awards and prizes from professional societies and associations.

Faculty external funding is now an average of $232,250 per faculty member from 2005—2006 greatly exceeding this average statistic for the University as a whole and any College, including our own College of Pharmacy, Nursing and Health Sciences.

This increase in funding is feeding growth in the number of post-doctoral research associates and graduate students which are at record levels for the school. As a small school with only 10 faculty and a large student body and large teaching load, it is especially pleasing to be knocking research balls out of the park.

We will graduate at least 5 Ph.D. students in the 2005-2006 year a dramatic increase over the 0.5 Ph.D.s per year average in the decade prior to year 2000. Although statistically I expect this small graduation number to fluctuate, the trend is strongly upward with 11 PhD students having graduated in the past 3 years.

Our undergraduates are also increasingly successful, gaining entry to the professional and graduate schools of their choice. Up to this point in the year a total of 11 students from the School have already been accepted for entry to medical school for Fall. We also graduated 2 students with highest Distinction, Sonja Fleischauer and Ellen Wayman. These are remarkably high success rates from the student body and greater than any other School in the Purdue system per student number in the School. Another remarkable statistic is that the School will graduate more than 130 undergraduates this 2005-2006 year compared to 80 in the 2000-2001 year, a 63% increase!

This newsletter is a little later off the press than usual, so many students will already be working to offset their support and educational expenses. I hope that you find enough time to enjoy the beautiful sun and come back refreshed to ride the Health Sciences academic train to career success.

Best wishes to you all,

George
Dr. George Sandison, Ph.D., FCCPM,
Head, School of Health Sciences
Dennis Paustenbach has distinguished himself with his leadership, academic contributions and entrepreneurial achievements in the field of toxicology and human health risk assessment.

He is currently the president of ChemRisk Inc., a consulting firm that specializes in human and ecological risk assessment, and risk analysis of pharmaceuticals and medical devices. He lives in Woodside, Calif.

Dr. Paustenbach was raised near Canton, Ohio, and earned a doctorate degree in environmental toxicology from Purdue in 1982 after earning his bachelors degree from Rose-Hulman Institute in 1974, a master’s degree in industrial hygiene from the University of Michigan in 1977 and a master’s degree in counseling psychology from Indiana State University (at night) in 1978. While at Purdue, he taught the first courses in environmental and occupational hygiene and this curriculum was one of the pillars upon which the School of Health Sciences was built.

He began his career as a process engineer at Eli Lilly and Company in Clinton, Ind., and Lafayette. He later worked at Stauffer Chemical and at Syntex Pharmaceuticals. He then joined McLaren/Hart Environmental Engineering Corporation, a consulting firm, eventually became its president and chief executive officer in 1996, responsible for $100 million in revenue annually and 16 offices worldwide.

Next, Dr. Paustenbach became the vice president of Exponent Inc., a world-renowned 700-person engineering consulting firm, and in 2003 established ChemRisk Inc. He serves as its president and chief executive officer, overseeing offices in five locations.

Besides his accomplishments within industry and consulting, Dr. Paustenbach has achieved prominent status as an academic figure. He has written 40 book chapters, the most popular college text in his field, published 200 peer-reviewed journal articles and served on about 40 scientific advisory boards, committees, and task forces for various government agencies.

Remarkably, Dr. Paustenbach has not only achieved significant success as a businessman, but has also established an international reputation as a scholar and lecturer even though not employed full-time within a university setting. He is a devoted scientist and citizen having served on many boards as well as promoted education and research through his generosity and fund-raising efforts.
Dr. Wei Zheng on being chosen as a Faculty Scholar for the College of Pharmacy, Nursing and Health Sciences. This is a prestigious competitive award and provides $10,000 per year discretionary research funds for 5 years ($50,000 total). Wei joins Dr. Jim McGlothlin as a faculty scholar of the College, who was awarded this title 2 years ago.

Dr. Wei Zheng upon receiving further support for the PHS-NIH NAT INST OF ENVIRONMENT HLTH SCI R21 ES013118 project CREATION OF AN IN VITRO BRAIN BARRIER TRANSPORT SYSTEM. A second year of $206,454.00 was awarded to him to support this work.

Dr. Jim McGlothlin is now a faculty scholar for the Reigenstrief Center for Healthcare Engineering and along with Dr Julie Novak, Head of Nursing. The RCHE faculty scholar appointment carries with it salary support for their central role and participation in the Center.

Dr. McGlothlin has also been approved as a Fellow of the American Industrial Hygiene Association. Only five percent of the AIHA membership can qualify for the Fellow Award, which is given to those individuals who have made significant contributions to the field of industrial Hygiene. Nominations for the AIHA Fellow Award are accepted from AIHA local sections, committees, and special interest groups each year. At-large nominations are also accepted. The Awards Committee then evaluates the nominations and makes recommendations to the AIHA Board of Directors for final approval. Candidates must be AIHA members in good standing with at least 15 years of continuous membership and must be currently employed in industrial hygiene or a related field.

On April 21, 2006 Dr. Frank Rosenthal, Associate Professor of Occupational and Environmental Health Sciences, was presented with an “Award of Appreciation” from the Indiana Northwest Central Labor Council for his work on behalf of worker health and safety. The plaque reads: “For dedication to the idea that safety on the job is a human right and participation for many years in Workers Memorial Day” Workers Memorial Day events are observed in cities around the world on April 28 (the anniversary of the establishment of OSHA) in order remember workers killed or injured on the job and to talk about how to improve worker health and safety. For the past several years, Dr. Rosenthal has been a featured speaker at the events in Lafayette, Indiana.

Dr. Shuang Liu has just received notice of another R21 award for $420,000 over two years from the PHS-NIH NATIONAL HEART, LUNG & BLOOD INSTITUTE to support the project NOVEL TERNARY LIGAND 99MTC-NITRIDO COMPLEXES AS HEART IMAGING AGENTS.
THE ROBERT LANDOLT TEACHING AWARD

Dr. Robert D. Stewart for receiving the Robert R. Landolt Excellence in Teaching Award for the Second Year.

DR. WEI ZHENG’S RESEARCH GROUP FOR BEST PAPER AWARD

Dr. Zheng’s research group has won the BEST PAPER AWARD by the official journal of Society for Experimental Biology and Medicine. The paper entitled “The Choroid Plexus Removes beta-Amyloid from Brain Cerebrospinal Fluid” was coauthored by Drs. Janelle Crossgrove, Jane Li and Wei Zheng and published in Experimental Biology and Medicine in September 2005. In that paper, this group of researchers identified for the first time in literature that there exists a natural pathway in brain to remove beta-amyloid, an evil protein causing Alzheimer’s disease. The leading author, Dr. Crossgrove, has discovered that a tissue called choroid plexus in brain has enormous capacity in capturing beta-amyloid proteins that are spilled into the neuronal extracellular fluid. This newly uncovered pathway may help explain how normal brain balances this protein and how imbalance caused by various genetic or environmental factors may lead to or worsen Alzheimer’s disease, which is believed to affect more than 4 million Americans every year. Both Drs. Zheng and Crossgrove are confident that this finding may lead to new discovery of potential transporters as well as therapeutic means in the future. The Society for Experimental Biology and Medicine (SEBM) was founded in 1903 and aims at promotion of investigation in the biomedical sciences by encouraging and facilitating interchange of scientific information among disciplines.

SCHOOL OF HEALTH SCIENCES UNDERGRADUATE ADVISOR WINS STUDENT GOVERNMENT COUNSELING AWARD

We are proud to announce that our own “Outstanding Contributions and Counseling Environment” of Purdue University. The award was presented to our student government Senator Mike Talbott at the student government awards banquet. We are proud and grateful for Ms. Ricci’s dedicated approach to advising.
School of Health Sciences Spring 2005
Bachelor of Science Graduates

GEORGETTE ABAA
JENNIFER ABEGGLEN
GRANT ABERNATHEY
KATHERINE AGUGLIA
ROBERT ALLMAN
LAUREN ANDERSEN
AMBER ANDERSON
MICHAEL BACKER
BRANDON BAIN
HALEY BAKER
MARK BAKER
TIFFANY BARNEY
SHANNA BEACH
JASON BEHLING
ALEXANDER BERGER
AMY BLACKBURN
LAURA BLAHUNKA
JONATHAN BLINN
JANELLE BRONAUGH
DARREN BROWN
ERIN BUCKLES
AUTUMN CAREY
ALAN CARPER
TIFFANY COLVIN
TIFFANY CRIST
PATRICK CROWE
ADAM DANIELS
BRIAN DANIELS
MICHAEL DEGNAN
TIMOTHY DOCAL
LINDSEY DOPPLER
KIMBERLY DUSICH
KATIE EBERLE
JACOB EISTERHOLD
JAMES EMERSON
LAUREN EMERSON
LAUREN FISHER
SONJA FLEISCHAUER
KATIE FLOYD
HEATHER FORD
MAGDA GABRIEL
BINAL GAJJAR
ABIGAIL GINTHER
CHRISTOPHER GORDON
ABIGAIL HAFFNER
STEFFANIE HAMILTON
HEATHER HAMOOD
EVAN HARPENAU
CHRISTOPHER HARTWELL
JESSICA HARY
SEAN HASSETT
DIONNE HAYES
JAMES HENDRICKSON
ALLISON HIMES,
CHRISTINE HOOTS
KIRAN IVATURI,
ANN JEE
MELVIN JOHN
JULIA JOHNSON
HANNAH JONES
VEENA KALAPATAPU
DAVID KINDER
LAUREN KIRK
DANIELLE KLINE
JOHN KOSTELAC, IV
DONALD LAIR
BELINDA LEDESMA
DIANA LEE
CHRISTINE LINDSAY
EMILY LYNCH
CHARLES MACDONALD
ANGELA MARTIN
JENNIFER MATHEWS
KELLY MC GUIRE
KATHLEEN MCONNELL
ALISHA MICHELS
BENJAMIN MILANOWSKI
LAURA MILLER
RYAN MILLER
SAMIMA MOHAMMAD
NICOLE MOTT
ELLEN NESBITT
VINH NGUYEN
MATTHEW NICHOLSON
MEGAN NIEMAN
ADAM NOWAK
IFECHUKWU ONWUKA
ADAM PABERZS
ACHAL PATEL
SWATI PATEL
VIKASH PATEL
CHELSEY PATTON
HOLLY PHILLIPS
DANIELLE QUIGLE
PATRICK QUINN
SYLVIA RANALLI
TROY ROBERSON
MATTHEW ROBERTS
SAMUELSON
LAUREN SANCHEZ
ERIK Saylor
ROGER SHIEH
STACY SHIELDS
VICTORIA SIMONS
KATHRYN SLOPESEA
CARA SOBCZAK
EUNYOUNG SONG
ELIZABETH SPOOR
JENNIFER SPRAKER
MARGARET STANGER
JODI STEPHENS
MICHAEL TALBOTT
KATRINA TAYLOR
KELLY VOGIE
JENNIFER VOLENEC
PRIYANKA VYAS
CHRISTINA WALDEN
LUKE WALKER
TYLER WALLEN
CHARLES WALTER
BRADEN WELDY
SAMANTHA WENNERBERG
JOSHUA WHITE
CONGRATULATIONS TO...
OUR STUDENTS WHO HAVE BEEN ACCEPTED INTO
PROFESSIONAL SCHOOLS TO DATE THIS YEAR

**DENTAL SCHOOL**
Patrick Quinn Indiana University

**MEDICAL TECHNOLOGY**
Jonathan Blinn St. Francis
Christine Boncher Evanston
Emily Clifford Ball Memorial Hospital
Jennifer O'Brien Evanston-Northwestern Hospital

**OCCUPATIONAL THERAPY**
Katie Aguglia University of Indianapolis
Haley Baker University of Indianapolis

**OPTOMETRY**
Mila Malhotra New England School of Optometry
Emily Thompson Illinois College

**PHARMACY**
Ifechukwu Onwuka Howard University

**PHYSICAL THERAPY**
Jennifer Abegglen Nova Southeastern University
Lauren Anderson University of Illinois - Chicago
Sonja Fleischauer University of Illinois - Chicago
Katie Floyd Northwestern University
Sean Hassett IUPUI
Tori Simmons University of Indianapolis
Jennifer Volenc University of Colorado

**PHYSICIAN’S ASSISTANT**
Alisha Michels Nova Southeastern University
Tiffany Colven Medical University of Ohio
Heather Ford Nova Southeastern University
Abby Ginther Butler University
Kelly McGuire Midwestern University
Jennifer Spraker Trevecca Nazarene University
Samantha Wennerberg Seton Hill University -Greensburg

**MEDICAL SCHOOL**
Tom Alcorn (2004 graduate) UIC
Mark Baker (2006 graduate) Indiana University
Samrawit Berhanu (2005 graduate) Penn State University
Sung-Hee Choi (2005 graduate) Indiana University
Brian Daniels (2006 graduate) Indiana University
Chris Gordon (2006 graduate) Indiana University
Emma Hammond (2006 graduate) Indiana University
Kiran Ivaturi (2006 graduate) Indiana University
Troy Roberson (2006 graduate) Indiana University
Chris Shinneman (2005 graduate) Indiana University
Kelly Vogie (2006 graduate) Indiana University

**VETERINARY SCHOOL**
Dustin Lewis Purdue University
GRADUATE STUDENT AWARDS

At a recent national meeting of the Society of Toxicology (SOT) in March, in San Diego, California, our graduate student Xueqian (Shirley) Wang received the Student Travel Award. This award is presently yearly by the SOT Headquarters to encourage and recognize students. Shirley gave a poster presentation for her research on “Subcellular Distribution of Iron Responsive Element (IRE) – Containing Transporters in Intact Rat Choroid Plexus Following Exposure to Inorganic Mn or Fe”. This award allows students to travel to the annual meeting.

Minsong Cao has received the Young Investigators Award for his work (and oral presentation) in utilizing DCE-CT to image the therapeutic response to anti-vegf therapy ($2000) and Bo Liu has gotten a Travel Award to present his poster on imaging oxygen saturation levels of blood using photoacoustic CT spectroscopy ($1000).

Vishal Patil has been awarded a summer undergraduate fellowship to the Purdue Cancer Center. Vishal has been awarded a Carroll County Undergraduate Fellowship for the summer of 2006 made possible by the Carroll County Cancer Society.

Alina Goh who took 1st place for the Tichauer Graduate Student Poster Award at the American Industrial Hygiene Conference and Exposition (AIHce) 2006 in Chicago. The Ergonomics Committee established the Tichauer Award in 1996 for the Best Ergonomics Podium and Best Ergonomics Poster by a young researcher. The award was established to encourage ergonomics-related conference participation and to recognize excellence in research conducted by students and young researchers. The poster is titled ‘Cost-Benefit Analysis of a University-Wide Office Ergonomics Program’ and presented research done on Purdue University’s Office Ergonomics Program initiated by REM in 1995. It has been shown that the proactive ergonomics program has served to reduce the frequency and severity of office CTD cases since its implementation in 1995.
CONGRATULATIONS TO...

Our 2005-2006 Health Sciences Major Award Winners

The Barbara Young Award - Jackson Schneider

The Jeff Kizer Award - Rachel Lime

The Robert R. Landolt Award - Keri Davis

The Paul L. Ziemer Award for Outstanding Freshman Scholastic Performance - Tianyi Luo

Distinguished Medical Technology Student Award - Erin Quiring

Distinguished Health Sciences Student Award - (joint award)

Sonja Fleischauer and Ellen Wayman

Service Award - Emily Lynch

Eli Lilly Health Physics Scholarship - Janelle Bronaugh

Wayne V. Kessler Graduate Student Award in Health Sciences - (joint award)

Minsong Cao and Shirley Wang

Eli Lilly Industrial Hygiene Scholarship - April Rademaker

Graduate Service Award - Thad Sharp

The awards were given to our students at the annual School of Health Sciences Awards Banquet on April 7th, 2006. Also recognized at the banquet were those who participated in the Freshman Scholars, as Club Presidents and the Health Sciences Ambassadors.

2005-2006 Freshman Scholars

Benjamin Deschner
Erica Frazier
Thomas Getreu
Melissa Handcock

Lyndsay Langbehn
Tianyi Luo
Andrea Venditti
Rachel Terpstra

2005-2006 Health Sciences Club Presidents

Ryan Goetz – Lamba Tau
Kasey Burke – Pre-Physician’ Assistant
Ellen Wayman & Katie Aguglia – OT/PT Club
Jason Snow—PIHSA Club
David Bond- Health Sciences Minority Association

Joseph Lach – SHOTS
Emily Thompson – Pre-Optometry Club
Alyssa Anglin — Health Sciences Student Council
Chelsey Patton – Timmy Foundation
Keri Davis—PSBHPS

2005-2006 Health Sciences Ambassadors

Katie Aguglia  Michael Degnan  Abigail Ginther  Dustin Lewis  Amy Pajakowski
Mark Baker  Sandeep Dhanjal  Evan Harpenau  Emily Lynch  Troy Roberson
Erin Berry  Kim Dusich  Veena Kalapatapu  Kelly McGuire  Matt Roberts
David Bond  Fred Foster  Veena Kalapatapu  Kelli McGuire  Carrie Seifert
Lyndsay Langbehn  Magea Gabriel  Diana Kolettis  Tasha Metzger  Jodi Stephens

Katie Eberle
Magda Gabriel
Diana Kolettis
Tasha Metzger
Lindsay Robinson

Jodi Stephens
Kelly Vogie
2005—2006 Health Sciences Students of Academic Distinction

Grant Abernathy
Elizabeth Adams
Katherine Aguglia
Robert Allman
Sally Angermeier
Michael Backer
Marie Badylak
Mark Baker
Amy Belensiefer
Alexander Berger
Erin Berry
Amy Blackburn
Amy Blaugh
Christine Boncher
David Bond
William Bowman
David Bradley
Margaret Brock
Janelle Bronaugh
Darren Brown
Erin Buckles
Larry Burns
Timothy Burns
John Carney
Alan Carper
Alden Carter
Kayla Collins
Megan Connors
Tiffany Colvin
Kelly Coulomb
Danielle Cowan
James Cripe
Tiffany Crist
Patrick Crowe
Brian Daniels
Keri Davis
Kimberly Deal
Benjamin Deschner
Sandeep Dhanjal
Brittany Dunham
Jacob Eisterhold
Ashley Elliott
James Emerson
Victor Fehrenbacher
Lauren Fisher
Sonja Fleischauer
Katie Floyd
Anne Fogler
Erica Frazier
Hany Gabal
Magda Gabriel
Binal Gajjar
Ryan Gard
Matthew George
Thomas Getreu
Ryan Goetz
Cody Gooding
Christopher Gordon
Nicole Granger
Kellie Graybosch
Kevin Hall
Melissa Handcock
Evan Harpenau
Christopher Hartwell
Jessica Hary
Benjamin Hasbrouck
Sean Hassett
Barbara Heim
James Hendrickson
Donovan Higgins
Elizabeth Hindman
Jon Hopkins
Grant Horner
Shon Hubert
Rachael Huske
Kiran Ivaturi
Christina Jackson
You Jin Jeon
Michael Johnson
Hannah Jones
Christa Kaeser
Veena Kalapatapu
Aparna Keshavan
Danielle Kline
Chelsea Koch
Samantha Kors
Christina Krane
Lynette Kregal
Elizabeth Kukla
Christopher Kutanovski
Ji Hye Kwon
Lyndsay Langbehn
Jessica Leach
Christine Lindsay
Kyle Litwiller
Tianyi Luo
Emily Lynch
Bryan Marr
Matthew McEwan
Kelly McGuire
Melissa Mellon
Elizabeth Metzger
Tasha Metzger
Laura Miller
Jason Missi
Monica Mitchef
Nathan Mlinac
Michelle Molinet
Megan Monaghan
Nicole Mott
Amanda Murphy
Rachel Nelson
Adam Nowak
Rod Oancea
Ifechukwu Onwuka
Adam Paberzs
Frank Pagone
Amy Pajakowski
Achal Patel
Vishal Patil
Chelsey Patton
Mallory Peck
Holly Phillips
Danielle Pike
Benjamin Pruden
Patrick Quinn
Lauren Rassi
Joshua Ratcliff
Jacques Reynolds
Luke Rinehart
Hilary Ritthaler
Troy Roberson
Lindsay Robinson
Sarah Roeder
Lori Rosebrock
Andrew Roszkowski
Shotaro Sano
Michelle Schmiedler
Jackson Schneider
Katherine Scocozzo
Allison Seagren
Carrie Seifert
Roger Shieh
Stacy Shields
Victoria Simons
Zachary Skaggs
Jonathan Skrip
Eunyoung Song
Daniel Sonnenburg
Brittany Swartz
Paulina Szpakowska
Michael Talbott
Erin Tao
Akshay Thomas
Julie Thomas
Alexander Titus
Nicholas Ulrich
Daniel Urban
Jay Vachhani
Alysia Vazquez
Andrea Venditti
Kelvin Visuth
Kimbre Vogel
Kelly Vogie
Jennifer Volenec
Mellisa Vraniskoiski
Christina Walden
Luke Walker
Emily Waltz
Derek Warren
Ellen Wayman
Joshua Wayman
Natalie Windell
Nicholas Woodall
Theresa Xavier
Gregory Zilligen
NEW FINDINGS FROM THE LABORATORY OF
DR. JIAN JIAN LI

Following the discovery of “Cross-Talk of three proteins in tumor response to radiation therapy” that was reported by Reuters Health (April 26, 2005; http://www.reutershealth.com), Dr. JJ Li at the School of Health Sciences continued to work on the molecular mechanism causing normal cell injury and tumor resistance to radiotherapy. Two papers from Dr. Li’s lab have recently been published (Ahmed et al., Proceedings of American Associate For Cancer Research, April 5, 2006, Washington DC). Their results suggest a significant induction of a group of proteins to low dose irradiation in normal mouse skin cells and a novel NF-kappaB network in radiation-resistant breast cancer cells. Therefore, transcription factor NF-kappaB may promise a new molecular target for enhancing radiation protection for normal cells as well as to block it to sensitize hard-treated therapy-resistant breast cancers. Thus, compounds that target NF-kB may promise a new drug targets to enhance the efficacy of anti-cancer radiotherapy.
THREE HEALTH SCIENCES STUDENTS SPEND SPRING BREAK HELPING OTHERS IN NEW ORLEANS
BY PETER SAFFEN, ANNE FOGLER AND AMANDA MURPHY

In August of 2005, Hurricane Katrina struck the Gulf Coast, leaving over 1,600 people dead, and nearly 1,800 missing. Homes, businesses and other buildings were leveled or destroyed beyond recognition. Since the hurricane, reconstruction has been a slow chaotic process. From our research, we concluded that no one government agency or relief service is to blame for the slow response, but they all are.

We were able to observe the city of New Orleans’ struggle to put itself back together, first hand, over spring break. Even though we had researched the devastation before our trip to New Orleans, we were still amazed at what we saw. Homes hadn’t been touched in 6 months. People with no insurance to fix their homes and no safe place to stay wandered the streets. Reconstruction was made even more difficult with inflated prices and worker shortages. Everyone we talked to seemed unhappy with the government and their efforts. Crime ran rampant due to lack of police enforcement and the broken spirits of those that were left with nothing. The area seemed almost hopeless as we looked at areas such as the 9th ward, where the levee broke. Homes were ripped from their foundations, and there will be no choice but to bulldoze.

Reconstruction will be a long process. It seems that we could come back several years later and do the same work we did over spring break. Even six months later much of the city hasn’t returned to start reconstruction efforts, and some may never return. It will take a lot of money and a lot of labor to even make a dent in the devastation.

Hurricane Katrina sparked an interest in the three of us after the storm had hit. News stations were flashing reports about the hurricane for quite a few months after its land fall in the state of Louisiana. We began our research on the internet and in the newspapers. We obtained much of our information from the online encyclopedia, Wikipedia.org, which even included a day-to-day summary of what was happening in New Orleans during the eight day period of the storm. Another useful source we used, mainly for photographs, was the Common Ground Relief website that offered a PowerPoint of some of the most eye opening pictures taken during and after the storm.
The Campaign for Purdue
Development efforts are going strong in the School of Health Sciences and our alumni are responding to the call for support. Our need for scholarships and research space are great. We hope you will consider making an annual gift to the School of Health Sciences or increasing your current support.

Industrial Hygiene turning 25!
Industrial Hygiene will be celebrating its 25th Anniversary in the upcoming year. Plans are underway for an anniversary celebration in the fall of 2006 that will coincide with a home football game, Distinguished Alumnus Luncheon, and fall Advisory Board Meeting. Look for other events as part of our celebration at conferences and events. Stay connected via the Health Sciences website.

Calling All Chicago Area Alumni
The School of Health Sciences will be hosting a reception for all Chicago area Health Sciences Alumni at the Hilton Chicago on Tuesday, May 16, 2006. The reception is taking place during the annual meeting of the American Industrial Hygiene Association (AIHA) and all Purdue alumni who are conference attendees are welcome to attend as well. We hope you'll consider joining us! For more information, contact Dave Tate at dgtate@purdue.edu.

Chicago Hilton
Williford B Room (3rd Floor)
Tuesday, May 16, 2006
6:30-8:00pm

PAA-Be A Part of It!
Are you a member of the Purdue Alumni Association? Being a part of PAA is the best ways to stay connected to Purdue. It's easy to join-just go to www.purduealum.org and click on How to Join.
BY CREATING STUDENT SCHOLARSHIPS, ALUMNI AND FRIENDS CHANGE THE LIVES OF OUR STUDENTS AND THE LIVES THEY WILL LEAD

University fees for the 2006-2007 school year are $7,096 for Indiana residents. Non-residents will pay $21,266. The expected cost of attendance includes $1,020 for books and supplies, $7,130 for room and board, and $1810 for miscellaneous and travel expenses. It’s easy to understand why Health Sciences students are so very grateful for the support of generous alumni and friends.

HONORING TWO HEALTH SCIENCE PIONEERS

Fundraising efforts continue for the John Christian Professorship in Environmental Risk Management and the Paul Ziemer Professorship in Radiation Sciences. Recruiting and retaining the best faculty is of critical importance to the School of Health Sciences in order to have the most effective learning environment for future generations of students.

Each professorship needs to be funded in five years to with a total of 1.5 million dollars for each. With the celebration of the school’s 25th anniversary a generous gift from Dennis Paustenbach provided the initial funding to create the two endowed professorships. Now, we’re asking alumni to help make it a reality by making a gift to the endowments.

If you would like to make an on-line gift to honor Dr. Christian and Dr. Ziemer, please visit the following link: http://www.purdue.edu/udo/giving/give_online.shtml

These two professorships will ensure that Drs. Christian’s and Ziemer’s legacies continue at Purdue and help provide the best Health Sciences education to Purdue students.

SCHOLARSHIP ENDOWMENTS 101

Endowments of $25,000 will generate approximately $1100 in scholarship revenue each year under the University spending policy.

Endowments of $100,000 will generate approximately $4500 each year to support graduate fellowships under the University spending policy.

Many scholarships are established through outright contributions that may include gifts of case, securities, or property. Scholarship contributions may be made in installments over a 5-year period. Scholarship funds are added to the University’s permanent endowment which is held and managed by the University. Income will be used to award scholarships.

Additional information about scholarships is available by contacting Mary Ellen Gillespie, Director of Development at 765-494-0550 or gillespm@purdue.edu
PIHSA News

In addition to a number of interesting speakers and social activities held this year, PIHSA has continued its participation for a third year in the Greater Lafayette Chamber of Commerce Adopt-a-Spot program, with a commitment to clean and care for a plot of ground in the Greater Lafayette area. PIHSA has been the proud parent of a plot of land at 3rd St. in Lafayette near the Union St. bridge (in front of the Pub, if you want to check it out once the flowers start to bloom!).

On March 8, Purdue Industrial Hygiene graduate student Mark Wilson competed in the American Industrial Hygiene Association Chicago Local Section’s Annual Student Night research poster competition. The graduate division poster competition was very tough, with a number of posters submitted by University of Illinois at Chicago grad students. However, Purdue won the day with Mark Wilson taking first place. Approximately 15 students attended this very popular event, and in addition to hearing an excellent Industrial Hygiene talk, the students got a chance to network with a number of OHS professionals from the Chicagoland area who had summer or fulltime job openings.

PIHSA rounded out its 2005-06 year with a very interesting program for its April meeting. World famous health physicist researcher and professor Dr. Herman Cember, an adjunct professor at the School of Health Sciences, participated in an Industrial Hygiene version of the “7 degrees from Kevin Bacon” game, where he explained, with the help of senior IH major Katie Eberle, who served as the “emcee/interviewer”, how, for example, he is one degree removed from the “mother of Industrial Hygiene” and many other historical figures in IH. He even explained how he was 2 degrees from Abraham Lincoln and 3 degrees from Napoleon.

Due to the pressures of final exams, only PIHSA President Jason Snow was able to attend the AIHA Indiana Local Section’s April 19th meeting in Indianapolis. He represented us well, as the Section donated $500 for student financial support for attending the AIHce (see related article). Thanks also go to the AIHA Chicago Local Section for donating $2000 for this endeavor.

PIHSA’s final activity was the annual close-of-the-year PIHSA picnic, which was held Sunday, April 30th, at Dr. McGlothlin’s home. So far, 9 IH students have accepted summer positions, with 3 more pending. Elections were also held at the picnic.

Summer Internships in Industrial Hygiene/Occupational Health

One of the most important ways to learn about your major field of study is to get some type of work experience. A good way to do this is with a summer internship. Not only does this give you a chance to gain valuable practical experience, apply what you have learned in class, not to mention, earn some cash, but it also “looks good on the resume”. This year, similarly to last year, there have been an unbelievable number of positions, with more still coming in! So far, 9 IH students have accepted summer positions, with 3 more pending.

If you’d like more information, contact Dr. Z at neil@purdue.edu, plus keep your eyes and ears open for job announcements and do some of your own job searching.
The 2005 American Industrial Hygiene Conference and Exposition (AIHce) will be held this May 15-18 in Chicago, IL. It is an absolutely awesome experience for learning about the profession of Industrial Hygiene (Occupational and Environmental Health and Safety) and related areas. This year some of the big topics to be emphasized are again mold and bio/chemical terrorism issues, plus nanotechnology and the dangers of meth labs. It is an overwhelming 4 day whirlwind of 100’s of technical paper and poster presentations, interesting Round Table discussions, key note speakers such as the Head of OSHA and many others. In addition there are hundreds of vendors in the Exposition Hall demonstrating all types of IH-related wares and services. It is not only an excellent learning experience but also an equally excellent networking opportunity, for jobs, for future contacts, etc.

The Purdue IH program will once again be sponsoring a booth in the Exposition Hall, as well as an Alumni Reception followed by the 25rd Annual Purdue Alumni, Students and Friends Dinner when students, faculty and alumni get together for food, fun and good old IH camaraderie. This will also be the kickoff for a celebration of the 25th anniversary of the IH program at Purdue.

So far there has been a lot of interest shown in attending this meeting, with five grad students and a number of undergrads planning to attend. Be sure you’re included in all the fun and excitement of the AIHce this May in Chicago! Student members of PIHSA can apply for partial funding from donations received from the Indiana and Chicago AIHA Local Sections to support their travel to the Conference. For more information, see Dr. Z or one of the PIHSA officers.

Purdue Student Branch of the Health Physics Society (PSBHPS) by Jessica Grabowski

It was a great semester for the PSBHPS! As for those who do not know about our club, the PSBHPS plans activities and events for students interested in the field of health physics and medical physics. Students in fields such as industrial hygiene and nuclear engineering are also encouraged to participate. The club stayed busy this past semester by contributing to our school, to students of all ages, and to the community.

This past semester the PSBHPS had taken a trip to the IU medical center to get a tour of its facility and how the radiological machines worked. The members had learned more on the field of health physics/medical physics and the opportunities that both areas contain. Due to the high enthusiasm of the trip there are plans on taking another field trip this spring.

The Outreach Committee created a new fundraiser titled, “Health Physicists for Hire”. This consisted of PSBHPS members performing odd jobs (yard work, cleaning, etc) at a professor’s house in turn for a donation to our club. The new fundraiser was a success and the club earned $250. The committee plans on continuing the fundraiser for this spring from March 25 – April 16. We also plan on selling T-shirts for Alumni and current students to contribute to the society’s funds.

The Academic Committee had visited a local high school and presented a lecture on radiation safety and health physics as a career. A radiation detection kit was demonstrated on radiation sources to show the students how a health physicist would detect radiation. They also organized and held successful exam study sessions for a Radiation Science Fundamentals course. The committee solved practice exam problems and gave tips on exam strategies for the students. As created last year and due to its positive feedback, the committee directed another emergency response exercise also for students in the Radiation Science Fundamentals course. This gave them a better idea of how radiation safety is put to use in a real life situation. We have many ideas for spring 2006 including guest speakers, a resume building workshop, and mock interviews.
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