

HSCI UPDATE

Volume 16 Issue 1

School of Health Sciences

Fall 2003



VISIT THE HSCI WEBSITE AT WWW.HEALTHSCIENCES.PURDUE.EDU



From the Head George A. Sandison

The pace of rapid change in the School of Health Sciences is continuing. At the end of June, Dr. Robert Landolt retired after 39 years of service as did Mrs. Linda Lipschutz after 17 years of service. Both will be soon joined by Diana Davis our head secretary who has clocked 42 years at Purdue and will retire in December. I wish them all the very best for a fun-filled and healthy retirement. I thank them for their dedicated commitment to Purdue and the School. Their contributions will be sorely missed.

The School has the largest number of students ever since its formation, both at the undergraduate and graduate levels. The numbers of Radiological Health undergraduate majors is the largest it has ever been, totaling 47 students. Approximately 70% of the graduate students are on the Ph.D. track. Our new faculty recruits have been remarkably successful with their research funding, and as a consequence, 4 new post-doctoral research associates also have joined the School. Almost every metric of success for the School has improved over the last year and I am pleased with that progress, but far from satisfied because we have set high and challenging goals.



Two faculty positions are currently open in Radiological Health and high quality candidates have been interviewed for both positions.

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Shari Schrader new Director of Development

Shari Schrader has been named the director of development for the School of Health Sciences. Shari came to Purdue University in August from the Lafayette Catholic School System where she had been development director for the past six years. Prior to that she was the assistant director of public relations at St. Elizabeth Medical Center, Lafayette.



Her past experience includes: annual funds, planned giving, major gifts, stewardship, scholarships, special events, writing and designing publications, media relations, marketing and advertising, and organizational planning. She is a member of the Association of Fundraising Professionals and participates on the local board, and has also completed courses at The Fund Raising School, Center on Philanthropy, IUPUI.

“I’m very excited about being part of the development team at Purdue, and my goal is to attain the \$2 million goal set for Health Sciences in The Campaign for Purdue,” says Shari. “With alumni, corporations, foundations, faculty and staff working together we can take Purdue’s School of Health Sciences to the next level,” she adds.

Shari, a graduate of Central Michigan University’s School of Journalism, moved to Lafayette 12 years ago. She and her husband Brian, a Lafayette native, have three sons.

HSCI Spring 2003

Distinguished Students

Katherine Aguglia
 Thomas Alcorn
 Jessica Bailey
 Nicole Barber
 Samrwit Berhanu
 Heidi Boehm
 Jennifer Boswell
 Nathan Brandley
 Jonathan Brooks
 Erin Buckles
 Jamie Chaffee
 Vera Chao
 Maneesha Chigurupti
 Sung Choi
 Steven Cochard
 Adam Darnell
 Genevieve Daugherty
 Jessica Davis
 Sarah Dietz
 Kathryn Dyhdalo
 Ashley M. Elliott
 James Emerson
 Robert Flowers
 Katherine Frick
 Megan Fuller
 Marissa Fusco
 Binal Gajjar
 Xiaoxiao Gao
 Abbi Garringer

Abigail Ginther
 Patrick Glass
 Miranda Gorchos
 Erica Grayson
 Timothy Greist
 Blake Grider
 Kimberley Guest
 Jennifer Guynn
 Megan Hagerman
 Emma Hammond
 Eric Hancock
 Evan Harpenau
 Scott Hewitt
 Bartholomew Hott
 Edward Hughes, IV
 Kiran Ivaturi
 Emily Jackson
 Hannah Jones
 Katie Kickertz
 Jayne Kinney
 Hae Kim
 Julia Klingler
 Brittany Knipstein
 Melissa Leedy
 Erin Lunsford
 Douglas Maddy
 Nicole Mc Clain
 Kelly Mc Guire
 Stacey Meyer

Laura Miller
 Jennifer Miller
 Andreea Mistic
 Lauren Montieth
 Angela Monzin
 Megan Morley
 Angela Mullen
 Stephanie Mussmann
 Rebecca Nelson
 Candy Ng
 William Norton
 Adam Nowak
 Achal Patel
 Erik Pattison
 Chelsey Patton
 Rachel Peterson
 Stephanie Pike
 Yahaira Pinzon
 Emily Platteter
 Andrew Prather
 Carrie Price
 Mark Pyle
 Kathleen Ramseyer
 Andrea Reineke
 Richard Remy
 Renee Richmond
 Troy Roberson
 Anne Rosswurm
 Marie Rosswurm

Devin Sandlin
 Michael Schmidt
 Anna Schwartz
 Samuel Steiner
 Sally Steffensen
 Jodi Stephens
 Virginia Sullivan
 Nicole Taylor
 Julie Thompson
 Vincent Traverso
 Sarah Tyrpak
 Catherine Veeder
 Kelly Vogie
 Brandy Voight
 Jennifer Volenec
 Anna Wahl
 Christina Walden
 Ellen Wayman
 Braden Weldy
 Joshua White
 Leah Wischmeier
 Rebecca Woodall
 Daniel Woods
 Christopher Wybourn
 Grant Yost
 Isaac Zeckel



Dr. Robert Landolt Retires after serving the School for 39 years!

Dr. Robert Landolt, professor of Health Physics, has retired after serving thousands of students and Purdue University for 39 years. Dr. Landolt has been a great inspiration, mentor, teacher and friend to his students. To recognize his immense contributions to his students, we wish to establish an endowed scholarship named in his honor.

An endowed scholarship requires raising at least \$20,000 and so we need your assistance. If you are interested in contributing to his endowment, please contact Diana Davis at 765-494-1419. To be of maximum convenience, this donation can be paid over two or three years, and it may be tax deductible.

WELCOME NEW GRADUATE STUDENTS 2003 - 2004

Thomas Bonner
 Minsong Cao
 Timothy Greist
 Mark Knezovich
 Geraldine Mesoloras
 Heather Pickett
 Michael Stringham
 Xueqian Wang
 Mark Wilson
 Brent Yeagy

(continued from page 1)

We are hopeful that negotiations will be finalized and that these faculty join our School by summer 2004.

Rosie Ricci and Shari Shrader have recently joined the School. Rosie is an award-winning advisor and excellent addition to our Office of Student Services staff. Shari is our new development director who has hit the ground running, and will be catching up with you all soon! Read the profiles in this edition of the Update to learn more about their excellent pedigrees.

A most recent fund raising focus has been the endowment of a scholarship named in Dr. Robert Landolt's honor. Many of our alumni were well-served by Dr. Landolt's commitment to teaching, mentoring of students over 39 years. He fostered a total 30 M.S. and 18 Ph.D. graduate students in his career, some of whom have made generous pledges to the Scholarship. Please join us in honoring Robert by making a pledge.

The fall semester is well-advanced and students and faculty alike are immersed in their courses. Remember to try and relax, it makes you more efficient ultimately. Have a turkey- or tofu- filled Thanksgiving, and a wonderful holiday season.

Reminder!

The last day to drop a course with a Passing/Failing Grade is Wednesday, October 29th, at 5:00 p.m.

This is also the last day, under extenuating circumstances, for course additions and Change of Level, or Change of Pass/Not-Pass Option!!!

If you need help, please see your advisor in the Office of Student Services, CIVL 1163.

Study Groups and tutors are available for most classes.



MARK YOUR CALENDAR

2004 School of Health Science 25th Year Silver Jubilee



During the 2004 Homecoming weekend we will celebrate the 25-Year Silver Jubilee Anniversary of the School's formation. All school alumni will receive invitations to the celebration, but right now we'd like to determine the number of alums that may be interested in returning for the event.

Please fill out the following information and mail to: Purdue University, School of Health Sciences, 550 Stadium Mall Dr., West Lafayette, IN 47907. If you prefer, email your information to: schrader@pnhs.purdue.edu

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____

Email: _____

Employer: _____

Graduation Year: _____

- Yes I would like to attend.
- Yes I would like to attend, and I would need hotel accommodations



Spotlight on our Faculty

DR. GARY CARLSON was designated as a National Associate by The National Academies. He was elected to “Who’s Who Among American Teachers”, and was elected Secretary-Elect of the Society of Toxicology. Dr. Carlson is also the Chair of the Purdue Animal Care and Use Committee.

DR. HERMAN CEMBER has been awarded the prestigious WILLIAM A. McADAMS AWARD for 2003. The William A. McAdams Outstanding Service Award is made annually by the ABHP and the AAHP to honor a Certified Health Physicist who has made a significant contribution toward the advancement of professionalism in health physics and to the certification process.

DR. JIM MCGLOTHLIN has been working with a team of Purdue electrical engineers to develop wireless real-time video exposure monitoring systems that can detect hazardous chemical, biological, radiological, and physical agents in the environment. Three patents are pending on these systems and keen interest in their uses has been shown by the Department of Defense, the Federal Aviation Administration, and the Pharmaceutical industry.

Dr. McGlothlin received grants from NIOSH to conduct research on fall prevention in the construction industry, and has also just been awarded a \$10,000 gift from The Braun Corporation to be used to advance his ergonomics research.

DR. GEORGE SANDISON was selected for inclusion in the Academic Keys “Who’s Who in Health Sciences Education.”

DR. ROBERT STEWART Recently received a new grant from the U.S. Department of Energy Office of Science (BER), entitled: *Towards Construction and Testing a Virtual Tissue*.

DR. RICHARD J. VETTER, ex-faculty member, was the recipient of the Health Physics Society’s 2003 Founders Award.

DR. WEI ZHENG’S Neurotoxicology Exploratory Laboratory is now fully functioning after about 6-7 month preparation and holds state-of-the-art high performance equipment to analyze cells and tissue. Investigations are concentrating on molecular mechanisms of heavy metal neurotoxicology, and a novel in-vitro brain barrier model. Dr. Zheng was recently awarded \$5,000 from the International Society of Neurochemistry to support a symposium entitled “metal-induced neurodegeneration.” It will take place in Hong Kong in February 2004.

DR. PAUL ZIEMER was appointed to the Board of the Radiation Effects Research Foundation.

DR. NEIL ZIMMERMAN’S innovative Indoor Air Quality project received seed funding. A second research project is planned and concentrates on antifungal agents in drywall testing.

.....and new Post-Doc’s

Dr. Vladimir A. Semenenko joined Dr. Stewart’s research group on April 1, 2003. Dr. Semenenko received his Ph.D. in Radiobiology from Colorado State University. Dr. Semenenko’s areas of expertise include radiation physics, health physics, dosimetry, radioecology, Monte Carlo simulations, and computer programming. Dr. Semenenko is currently developing and testing Monte Carlo models to simulate the excision repair of certain classes of clustered DNA damage site. He is also helping to develop a system of mathematical models, a *Virtual Cell*, to relate the induction and repair of DNA damage to the onset of genomic instability and to the neoplastic transformation or killing of cells. The position is funded through a DOE Office of Science grant (*Kinetic Modeling of Damage Repair, Genome Instability, and Neoplastic Transformation*, R.D. Stewart, Principal Investigator).

Dr. Janelle Crossgrove received her Ph.D. degree in Toxicology from the University of Kentucky. Janelle’s Ph.D. thesis focuses on manganese transport at the blood-brain barrier. She was a highly productive student and published several papers prior to her graduation. She joined the faculty of Purdue University as of September 1, 2003. Janelle is working with Dr. Zheng on the project of metal-induced neurodegeneration.

Dr. Ruwan K. Ratnayake will join Dr. Stewart’s research group in the School of Health Sciences on October 15, 2003. Dr. Ratnayake received his Ph.D. in Nuclear Engineering from Pennsylvania State University in May 2003. Dr. Ratnayake’s areas of expertise include radiation physics, dosimetry, thermodynamics, numerical analysis, Monte Carlo simulations, and computer programming. Dr. Ratnayake will contribute to ongoing research into the health effects of low doses of ionizing radiation. The position is funded through a recently funded DOE Office of Science grant (*Towards Constructing and Testing a Virtual Tissue*, R.D. Stewart, Principal Investigator).

Graduate Student Awards

Fan Xu and Lisa Wagoner received first place awards for their research at the Chicago section American Industrial Hygiene Association. Lisa Wagoner also received the Tichauer Award for best student poster on “Ergonomic Applications for Disabled Students” at the American Industrial Hygiene Conference and Exposition in May, 2003, in Dallas, Texas.

At the 2003 Health Physics Society Awards Banquet in July, Jason Harris, Ph.D. student and James “Dusty” Leppert, M.S. student were the recipients of the Student Travel/Worker Grant award. These grants allow the students to travel to the annual meeting.

James “Dusty” Leppert was also the recipient of the 2003 Richard J. Burke Jr. Fellowship. This fellowship supports full-time entering or continuing students enrolled in a bona fide U.S. graduate program in health physics or a closely related field. And Jason Harris was also recently named as an HPS IRPA Delegate. The award will pay for his expenses associated with attending this meeting.

Another Major Honor for Dr. Ziemer!

Dr. Paul Ziemer was recently appointed to the board of the Radiation Effects Research Foundation. This foundation was jointly established between the USA and Japan to analyze the health effects of the nuclear explosions on the Japanese population. Its dosimetry, survival and cancer incidence results are used as the basis of all international radiation related dose limits. The appointment is of the highest prestige in the field of Health Physics.



(Dr. Ziemer is pictured here in the first row, second person from the right).

Rosie Ricci New Advisor in the Office of Student

I would like to take this opportunity to introduce myself to you! Though I am the newest member of the Health Sciences Advising Staff, I have been at Purdue for 23 years...longer than most of you have been alive!



My first life at Purdue was in the Purdue Residence Halls. I served as the assistant manager at Terry Courts, Windsor, Meredith, Owen, and Cary Quad.

In 1992, I moved to academic advising in the School of Technology. My first four years were spent in the Department of Organizational Leadership and Supervision. My last five and a half years were as the Head Advisor in the Department of Computer Technology. The School of Management became my home in November of 2001. There I was a mentor for the Dean's Scholars and the Study Abroad Liaison in addition to my advising responsibilities.

In July an opportunity arose to move to Health Sciences. I was extremely excited to work with two outstanding advisors and gentlemen that I had known for years. As they say, the rest is history!

My undergraduate degree is from Augustana College in Rock Island, Illinois. I maintain both my teaching (6-12) and counseling certifications in the State of Illinois. I hold a Master of Science in Education from Purdue University. My area of emphasis was Counseling and Student Personnel. After working at Northern Illinois for two years, I saw the light and returned to Purdue University.

As for my spare time, I am an avid Purdue sports fan. I also advise the Purdue Reamer Club and the OT/PT Club. In addition, I serve as the Faculty Fellow to 2 NW in Owen Hall.

I truly happy to be a member of the Health Sciences Advising Office and look forward to getting to know each of you. Please feel free to stop by any time. I would love to meet you.

Club Ne

Lambda Tau

from Emily Scott

The 2003-2004 officers are: President, Renee Richmond; Vice-President, Marissa Fusco; Secretary/Treasurer, Abbi Garinger, and Historian, Emily Scott. Lambda Tau has many events planned for the fall semester. In early September, we had our callout where Dave Tate spoke about the different paths Medical Technology can lead you. A Study Break was held in September to help everyone study and prepare for the first set of exams.

Our upcoming events include our October 7th meeting where former Lambda tau officers will share their experiences from their clinicals and give advice to those juniors and seniors who are applying. At our November 4th meeting, Ed Parrish, from Eli Lilly, will share his experiences as a Medical Technologist. At our meeting and philanthropy on December 2nd, we will be making Christmas cards for a nursing home in West Lafayette.

We are currently planning a field trip with the Forensics Club and planning the spring meetings. For contact information and upcoming events, please visit our website at <http://www.healthsciences.purdue.edu/clubs/lambtadau>.



Purdue Student Branch of the Health Physics Society (PSBHPS)

from Jason Harris

The PSBHPS is a student organization of the Health Physics Society (HPS). The HPS is a scientific and professional organization whose members specialize in occupational and environmental radiation safety. The PSBHPS plans activities and events for students particularly interested in the field of health physics. Students in fields such as medical physics, industrial hygiene, and nuclear engineering are also encouraged to participate.

The Fall 2003 semester will be a rebuilding time for PSBHPS. Many members were lost to graduation, and we are still searching for a faculty advisor, secretary, and treasurer. The first meeting of the year is planned for early October. Besides monthly meetings, we anticipate field trips to the D.C.

Cook nuclear power plant in Michigan and Landauer (dosimetry company), located south of Chicago. Socials, fund-raising, and educational events are also anticipated for the year. It is also the intent of the PSBHPS to coordinate more activities and events with other student organizations, including ANS and PIHSA

If you have an interest in our organization, please contact Jason Harris for more information (jtharris@purdue.edu). We are always looking for new members and suggestions for improving our organization. Hope to see you soon!



Pre-Chiropractic Club

from Stephanie Mussmann

Welcome back to school!!!!

The start of each new year always brings about a multitude of activities. This year don't forget to make time to check out the newest addition: the Pre-Chiropractic Club. The Pre-Chiropractic Club has been founded with the purpose of aiding students in their pursuit of chiropractic medicine. We are also driven towards informing the community of the benefits of chiropractic medicine.

The Pre-Chiropractic Club is an excellent way for students, driven by the same goals, to work together through their undergraduate work as well as their chiropractic college selection. While a strong focus is placed on helping pre-chiropractic students to learn about chiropractic colleges, the group provides much more. The club is also focused on researching and learning about new advancements arising in the chiropractic field. We also have a desire to educate members on the benefits of other areas in the medical field. We will be learning about various topics, from Eric Frevert physical therapy, to acupuncture, to rolfing. It should prove to be a fun and educational semester for anyone interested in furthering their knowledge of various types of therapies and medicine.

For more information, please contact either: Stephanie Mussmann at Smussma1@purdue.edu or by phone at (765) 746-5555 or Clint Daniels CDaniels@purdue.edu (765) 471-9233

vs Beat

Pre-Physician Assistant Club (Pre-PAC)

from Eric Frevert

The Pre-PAC is off to a great start this year. Since the club's callout meeting at the beginning of the year, the club has begun to tackle several exciting new projects. In early October the club will be taking a trip to Ft. Wayne Indiana to attend the Indiana Academy of Physician Assistants state conference. Here the members will get a chance to take part in several medical education seminars, and they will also participate in the IAPA general assembly meeting. During their visit to Ft. Wayne, the members will also get a chance to preview the physician assistant program at St. Francis University. Also, on October 6th the club is planning several activities in support of National PA Day! Publicity campaigns and community service projects will take place throughout the month of October in celebration of the PA profession.

As part of the club's goal to educate both Purdue and the general community, the club would like to take this opportunity to divulge a few facts about the PA profession. PAs are mid-level practitioners licensed to practice medicine with physician supervision. As part of their comprehensive responsibilities, PAs conduct physical exams, diagnose and treat illness, order and interpret tests, counsel on preventative health care, assist in surgery, and in most states can write prescriptions. PAs work closely with physicians, and they are trained in the medical model designed to complement physician training. In 2002, PAs conducted 183 million patient visits, and they prescribed 223 million medications. Furthermore, the American Academy of Physician Assistants estimates that 46,000 physician assistants were in clinical practice in 2003.

Please feel free to contact the club president, Kristine Jones, via email at joneske@purdue.edu. Also, anyone is welcome to attend club meetings. The next few meetings will be held: October 22nd, and November 4th. Look for further information regarding meetings on the health science list serve.

HSCI Update

Editor: Karen Walker

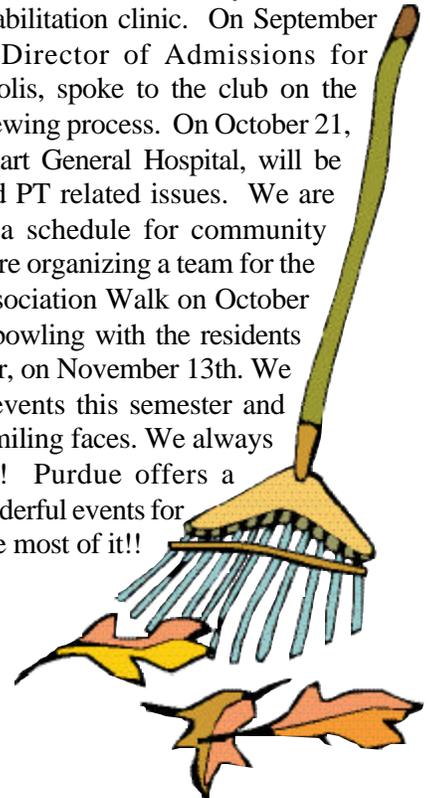
We invite you to visit the School at our website:
<http://www.healthsciences.purdue.edu>

Occupational Therapy / Physical Therapy Club

from Courtney Snell

Greetings!!!! I hope that this letter finds everyone in good spirits and health while having an excellent semester. I am so glad to be informing all of you in the Purdue Community about the happenings of the Occupational Therapy/Physical Therapy Club. First point is that the club would like to welcome the new faculty advisor, Rosemary Ricci. We are so excited to have her and all the enthusiasm, creativity, and support she brings!! Secondly, I'd like to invite anyone who is interested in becoming a member to either a) come to one of our meetings or b) email me. IT'S NEVER TOO LATE!!

The mission and main objectives of this organization include: providing information on physical therapy and occupational therapy programs, preparing members for the application process, and hosting speakers on various subjects related to the fields. The club is a great resource for all those individuals interested in perusing a career in rehabilitation. So far this semester we have held our callout, which was great fun, complimented by pizza, games, and grad students. We also had a tour of the Greater Lafayette Health Systems outpatient rehabilitation clinic. On September 30, Steven Squires, Director of Admissions for University of Indianapolis, spoke to the club on the graduate school interviewing process. On October 21, Terri Butler, with Elkhart General Hospital, will be here to discuss OT and PT related issues. We are currently working on a schedule for community service projects. We are organizing a team for the American Diabetes Association Walk on October 25th. We will also be bowling with the residents of George Davis Manor, on November 13th. We are excited about the events this semester and we hope to see many smiling faces. We always welcome suggestions! Purdue offers a continuous array of wonderful events for all to enjoy, so make the most of it!!



Freshman Scholars Update

from Dr. Frank Rosenthal, Advisor

The Freshman Scholars Program is off to a great start for the 2003-2004 academic year. The purpose of the program is to provide students with advanced academic skills and the opportunity to work with a faculty preceptor in a field related to health and medicine. The scholars are selected based on high scholastic performance in high school, intellectual curiosity, and enthusiasm for learning.

This year we have 11 scholars interested in diverse career paths, including medicine, pharmacy, occupational therapy, physical therapy, and medical technology. They are graduates from cities and town across Indiana as well as Illinois. The scholars are busily working on projects under the leadership of faculty preceptors drawn from the School of Health Sciences, the School of Pharmacy, other Purdue Schools, and health care providers in Greater Lafayette.

The students are participating in a seminar discussion course, and are benefiting from additional experiences through contact with guest lecturers and peer mentors (upper class students who are previous Freshman Scholars).

2003-2004 Freshman Scholars

<u>Name</u>	<u>High School</u>	<u>Hometown</u>
David Bond	North Central High School	Indianapolis, IN
Larry Burns, III	Delta High School	Muncie, IN
Brandi Conklin	Lincoln-Way East	Frankfort, IL
Abigail Deuberry	Chesterton High School	Chesterton, IN
Marilyn Morrison	Batesville High School	Batesville, IN
Rachel Nelson	Crown Point High School	Crown Point, IN
Lindsay Robinson	Plainfield High School	Plainfield, IN
Meredith Turner	Marion High School	Marion, IN
Robert Beckett	Bloomington High School South	Bloomington, IN
Elyse Freiberger	Homestead High School	Fort Wayne, IN
Emily Thompson	Taylorville High School	Taylorville, IL



Registration has Begun for Spring 2003!

It's hard to believe, but it is time to start the registration process for the Spring semester.

If you have not already done so, please make an appointment on your advisors calendar in Room CIVL 1163 NOW!

Make sure that you consult your plan of study to determine what courses you will need to take next.

If you do plan to graduate in May, be sure to check the appropriate box when you register. This is YOUR responsibility.

We have gone "on-line" with our calendars...if you need assistance, please feel free to ask!



Dr. Rodney Ice to Receive School of Health Sciences 2004 Distinguished Alumnus Award

The School is proud to announce that Dr. Rodney D. Ice, has been named the School's Annual Distinguished Alumnus for 2003. Dr. Ice attended Purdue as a Radiological Health Fellow where he received his M.S. in 1965 and his Ph.D. in 1967 in Radiological Health.

The Annual Distinguished Alumnus Award is presented in honor of John E. Christian, Ph.D., Hovde Distinguished Service Professor of Bionucleonics and Health Sciences, Emeritus. Dr. Christian made major contributions to graduate and undergraduate education; and to research, for which he earned international recognition. He retired in 1988, but still welcomes students, faculty, and staff to his office in the School.

Dr. Ice will be honored with the award at a luncheon on October 17, 2003 in the West Faculty Lounge of the Purdue Memorial Union. He will be invited to give a presentation during the luncheon, and will have his name and the year permanently displayed on a plaque in the School of Health Sciences.

2003-2004 Health Sciences Ambassadors



From right to left, Row 1: Renee Richmond, Angie Monzin, Bart Hott, Julie Thompson, Kelly Vogie, Abi Ginther, Heidi Weldy, Jessica Bailey and Andrew Prather. Row 2: Asad Khan, Maria Alvarado, Rebecca Chandler, Ellen Wayman, Katie Aguglia, Emily Scott, Melissa Leedy, Emily Lynch, Heidi Boehm and Mitu Berhanu. Row 3: Emma Hammond, Mark Baker, Maneesha Chigurupati, Kathleen Ramesyer, Tom Alcorn, Chris Wybourn, Blake Grider and Devin Sandlin. Row four: Eric Wagoner, Jamie Chaffee, Brian Daniels, Megan Nieman, Cameron Hasser, Sarah Andrews and Marie Rosswurm.

Not pictured: Nicole Barber-Cassada, Brian Cutcliff, Eric Frevert, Cassie Haag, Michelle Oylar, Vai Paye, Rachel Peterson, Laura Rardin,



Charles B. Murphy Award for Outstanding Undergraduate Teaching

Please consider nominating a Health Sciences faculty member for the Charles B. Murphy Award for Outstanding Undergraduate Teaching. The criteria are as follows: “An outstanding undergraduate teacher is one who demonstrates superior ability in communicating the chosen material to the students and who stimulates the student’s desire to master the material. The teacher also recognizes that the teaching effort and responsibility does not stop at the classroom door, and therefore, is ready to aid and motivate students in a counseling and advisory capacity, either formally or informally.”

The Committee selecting the nominee from the Schools of Pharmacy, Nursing and Health Sciences will consider the following general areas: (a) Instructional effectiveness (b) Course instruction improvement and innovation (c) Academic counseling - formal and informal (d) Seeking out contact with freshman and sophomore students (e) Participation in school or University committees related to undergraduate education (f) Serving as advisor to student organization.



If you would like to nominate a Health Sciences faculty member for this award, please send me an email at frank@purdue.edu, or you can send a letter to Dr. Frank S. Rosenthal, CIVL 1163, Campus, with a brief statement as to why you think the person should be nominated for the award. If possible, address any of the specific areas above (a-f). Please respond by October 15, 2003.

Industrial Hygiene News

from Dr. Neil Zimmerman

AIHCE News Report

The 2003 American Industrial Hygiene Conference and Exposition (AIHce) held last May in Dallas was a big success from many standpoints. In attendance were Drs. McGlothlin, Rosenthal and Zimmerman, Counselor Dave Tate, and as well as 6 graduate and 3 undergraduate students. In addition, about 30 Purdue IH alumni who are now practicing Industrial Hygienists were there. Drs. McGlothlin, Rosenthal and Zimmerman, along with graduate students Lisa Wagoner, Chie Inumaru, Hernando Perez, Fan Xu, Ed Gazdki, Rob Eninger, Patrick Sheets and Scott Potts and undergrads Kyle Acker and Matt Raef presented papers or posters. All of their presentations were excellent and received many positive compliments. Congratulations to all the presenters for their hard work, and especially to Lisa for being awarded the Tichauer Award for best Ergonomics poster presentation at the conference and Chie for receiving a Best Poster award for her session in Indoor Air Quality. Watch the IH hallway for posters which will be on display during the school year.

Students, faculty and alumni got together for food, fun and good old IH camaraderie. For the third year running, the Purdue Alumni Reception was formally listed in the Conference program and was held in the headquarters hotel. Following the formal festivities, a number of alumni, students, staff and faculty continued the camaraderie with dinner and a night out on the town, in Dallas, as part of the "21st Annual Purdue Alumni, Students and Friends Dinner".

For the fourth year, the Purdue IH program had a display booth at the Exposition. It was again a great success, thanks in no small part to Dave Tate, who staffed the booth. He was assisted by a number of grad students, alumni and current students. Be sure you're included in all the fun and excitement of the AIHce next May 9-13, 2004, in Atlanta! Student members of PIHSA can take advantage of yearly donations received by regional AIHA Sections to support their travel to the Conference.

Industrial Hygiene Undergraduate Major Renamed!

Options Expanded!

Industrial Hygiene majors who left campus last May may not have realized that when they returned to campus this Fall, their major's name was changed. Along with the recent name change of the Health Physics undergraduate major to Radiological Health Science, the Industrial Hygiene undergraduate major has been changed to Occupational Health Science (OHS). Both majors now also have three tracks from which to choose. In the case of OHS, the traditional Industrial Hygiene track can still be chosen. Additionally, those students who are interested in preparing for a possible career in medicine can now choose the OHS pre-medicine concentration track. This is a great opportunity for two reasons: 1) it opens up the possibility of an early interest in occupational medicine as a residency selection; and, 2) it provides for a "plan B" career path in case a student decides along the way that he/she does not want to go on to med school, or is not accepted – and, best of all, the OHS career path is still directly involved with patient health, except the patients are workers.

Finally, there is a third new track, known as the Honors track. This affords students the opportunity to substitute higher level calculus, chemistry, anatomy/physiology, statistics and safety classes, as well as the opportunity to become involved in a Senior Honors Project. With the selection of one additional 500 (dual) level graduate class (Aerosol Science or Non-Ionizing Radiation) during the senior year, this track also is considered a "Four Plus One" plan, since, if accepted into Purdue's IH Masters program, the student can complete a MS degree with one additional year of study.

For more information, see your counselor or any of the IH faculty.

Summer Internships in Industrial Hygiene

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 - and, that's exactly what 10 undergraduate and 2 graduate Industrial Hygiene students did last summer! 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". Congratulations to the following students who obtained internship. If you'd like more information, talk to these students, talk to your counselor, see Dr. Z, keep your eyes and ears open for job announcements throughout the school year, and, do some of your own job searching. Also, if you are an OHS, RHS or EHS major, don't forget to submit your resume to PIHSA's online resume book (for internships or full time positions).

Undergraduates

Kyle Acker	Eli Lilly	Indianapolis, IN
Matt Brock	West Central Community Hospital	Clinton, IN
Nicole Barber-Cassada	International Truck & Engine	Ft. Wayne, IN
Holly Cones	Equistar	Morris, IL
Steve Dunphy	S C Johnson	Wisconsin
Kristin Flanagan	Abbott Laboratories	North Chicago, IL
Rob Flowers	Caterpillar	Peoria, IL
April Kluemper	Marathon-Ashland	Kentucky
Diana Nevarez	Regional Occupational Care Center	Lafayette, IN
Matt Raef	Inland Paperboard	Indianapolis, IN

Graduate Students

Mark Knezovich	Motorola	Elgin, IL
Lisa Wagoner	Alcoa	Lafayette, IN

ABET Industrial Hygiene Program Accreditation Site Visit This Fall

In case you didn't know, Purdue's BS and MS Industrial Hygiene programs are accredited by a national accrediting group known as the Accreditation Board for Engineering and Technology (ABET). In fact, Purdue can boast that its undergrad program was the first BS IH program to be accredited in the US, and it is the only university with both BS and MS accredited IH programs! This Fall is the time for ABET's periodic site visit for reaccreditation. Faculty, staff, students and alums will all be meeting with the site visitors to demonstrate the quality of our program as well as the numerous additions and improvements since our last accreditation visit. The visit is scheduled for Oct. 26-28. If you would like more information, contact any of the IH or toxicology faculty.

PIHSA

*from Co-Presidents,
Rob Flowers and Matt Raef*

The Purdue Industrial Hygiene Student Association (PIHSA) is off to a good start for the year. Turnout was good at our callout on September 10, bringing together IH majors as well as other interested students. Also, the pizza probably didn't hurt. We have a strong group returning to share their experiences from a variety of summer internships as well as new officers to lead the way.

Matt Raef and Rob Flowers have been elected co-presidents with Matt Brock as vice president for the year. April Kluemper will be our secretary, and Steve Dunphy will act as treasurer.

Work on our Adopt-a-Spot continues downtown across from The Pub, and we are looking forward to the several plant tours we have slotted throughout the year. We're also excited to start getting a number of projects underway from T-shirts to fund-raising and public awareness. We're always looking for more members who "C.A.R.E." about industrial hygiene and occupational health and welcome anyone interested to our meetings.

We meet once a month and a schedule will be available soon. Our next meeting will be held October 7th at 5:30 in CIVIL 2108, and our next trip is to Inland Box Plant in Crawfordsville on October 14th for a dinner meeting and tour.

Please visit our website for further information by linking from the HSCI homepage. Here's to a great and safe semester!

Health Science Career Fair

from, Bob Walkup



The School of Health Sciences will be hosting a Career Fair on Monday, November 10, 2003 from 1:00 – 4:00 PM in the North Ballroom of the Purdue Memorial Union. The purpose of the fair is to expose potential employers to the many talents of the Health Sciences student body.

Over one hundred letters of invitation to prospective employers have been sent and event planning is complete. Among those invited are: Graduate programs in Chiropractic Science, Physical and Occupational Therapy, Physician Assistant, Medical, Dental and Optometry Schools, Pharmaceutical Sales companies, Forensic Sciences employers, Schools of Medical Technology programs, and companies such as 3M, Caterpillar, Alcoa, Guidant Corporation, Roche Laboratories, Johnson and Johnson, Dow Chemical Company, Nuclear Regulatory Commission (NRC), and the Peace Corps, to name a few. As the date approaches, we have an list of companies who are attending posted outside the Office of Student Services, CIVL 1163.

If there are any of you represent companies who would like to be included in the fair you may contact: Bob Walkup by email rcwalkup@purdue.edu or by phone at 765-496-2848. We also have an on-line registration site available at: www.conf.purdue.edu/health.

We hope to develop an industry/institution base for future events and would appreciate receiving any contact information that you might have.