Dear Friends of the School of Health Sciences:

With a bittersweet feeling, I would like to inform you that I will step down as the head of the School of Health Sciences as of July 14, 2017, after nine years of service to this wonderful academic unit and the ever larger health sciences family.

It has been a privilege to lead this highly productive unit since 2008. I appreciate the opportunity and support that Dean Ladisch has provided during my time as the head. More importantly, I am profoundly grateful to our faculty and staff, graduate and undergraduate students, and our beloved alumni for your hard work, selfless engagement, and invaluable assistance along the way.

In the lifespan of nine years, we have experienced, perhaps, the worst economic downturn in our lifetime, as well as a spectacular faculty and staff turnover – leaving me the single most senior person among all the men and women in this unit! Yet, it is you who have devoted your energy, provided your wisdom, and offered your contributions! Together we have not only overcome the challenges, but made this family thrive more than ever. The School, with its integrated research pillars, sound undergraduate and graduate curricula, and exceedingly creative faculty and staff, is positioned very well for new adventures.

I believe that it is time for me to pass the baton, so that new leadership with new energy and new ideas can take advantage of our well-developed programs in discovery, learning, and engagement, bringing the School to the new height.

I believe that it is time for me to pass the baton, so that I, as a proud Purdue faculty, can be fully recharged and reengaged in my research, book writing, and leadership roles in several professional societies, and not the least in my growing family.

I believe that it is time for me to pass the baton, so that my last column in this newsletter series will become a prelude to new chapters in the history of our cherished School of Health Sciences.

Thank you and best wishes!

Wei Zheng, Ph.D.
Head of School of Health Sciences (2008-2017)

NEW UNIVERSITY FACULTY SCHOLAR

Dr. Jason Cannon has been given the title of the University Faculty Scholar recently. The title recognizes the outstanding faculty members at Purdue University who are on an accelerated path for academic distinction. The named faculty must hold the rank of tenured associate or full professor and have the demonstrated achievements in research, learning and engagement and have contributed significantly to the University's mission. Dr. Cannon is one of these elite researchers at Purdue.

Faculty Scholars are named with a nonrenewable, five-year annual $10,000 discretionary fund.

Congratulations Jason, well deserved!

ROBERT R. LANDOLT EXCELLENCE IN TEACHING AWARD

Dr. Carlos Perez-Torres was selected as the recipient of the 2017 Health Sciences Robert R. Landolt Award for Excellence in Teaching.

Criteria for the award include: clarity of presentation, creating student interest in the subject, intellectual challenge to the students, development of logical approaches, and critical evaluation.

Dr. Perez-Torres not only exceeded all these criteria, but also developed a new undergraduate course in oncology. He made a great contribution to our teaching mission!

Congratulations Carlos!
Statistics on the Productivity of School of Health Sciences (2008/09 – 2016/17)

1. Undergraduate Enrollment

The data (from Purdue Dashboards) for the past 5 years (2012-2016) show a healthy trend of increase in 3 major categories of undergraduate admission, i.e., the total application numbers (in orange color), offered admissions (yellow), and newly incoming freshman students (green) in the fall semesters of any given academic years. In the Fall 2016, the numbers in applications (1,254), admissions (927) and enrollments (193) have reached the highest levels for the past nine years.

Particularly impressive is a steady increase of applicants and enrolled students in our pre-professional degree program, and a gradual coming back of students enrolled in our radiological health science program. Diligent efforts by our faculty and staff in participating in the HSCI Honors Program, in hosting undergraduate researchers in their laboratories, and in enriching student’s life on Purdue campus have contributed significantly to achievements in undergraduate admission.

2. Graduate Enrollment

The total graduate application has been maintained at the steady-state level about 60-80 applications annually. Yet, the numbers of graduate students in our four graduate programs (Medical Physics, Occupational and Environmental Health, Toxicology, and Health Physics) have increased to 78 in 2015 and 68 students in 2016. Most of these students are funded by our faculty’s research grants, NRC training fellowships, and NIOSH training grants.

Many of our graduate students won the local, national and international research awards; some even served as chairpersons in professional society conferences. Our medical physics graduates had the 100% success rate to pass the professional license exam. Our graduate students had the 100% success rate in their employment.

3. New Courses Offered

Since 2008, a total of eight new courses have been approved and offered at both undergraduate and graduate levels. It is truly remarkable that all this is done without eliminating any existing courses listed in 2008.

- HSCI305 (Basics of Oncology, 3CR) by Dr. Carlos Perez-Torres
- HSCI333 (Introduction to Immunology, 2CR) by Ms. Lisa Hilliard
- HSCI420 (Applied Anatomy for Medicine, 3CR) by Ms. Lisa Hilliard
- HSCI490 (Introduction to Nuclear Security, 3CR) by Dr. Jason Harris
- HSCI547 (Fundamentals of Epidemiology, 3CR) by Dr. Ellen Wells
- HSCI562 (Analytical and Pathological Toxicology, 3CR) by Dr. Jason Cannon
- HSCI575 (Introduction to Environmental Health, 3CR) by Dr. Jennifer Freeman
- HSCI590 (Introduction to Molecular Imaging 1CR) by Drs. Ulrike Dydak, Keith Stantz and Shuang Liu
4. **FINANCIAL STABILITY**  The state allocation to the School’s central operational budget (in orange color) in the fiscal year of 2016/2017 was increased by 5.8% over the past 9 years since FY2008/2009. Yet, the non-state funds or sponsored program expenditures (yellow), mainly in the forms of extramural/intramural research funds and training grants were increased by 603% or 7 fold in the same budgetary period, which led to the overall total operational budget increase by 2.8 fold (green).

The tenure-track faculty lines have been increased from 10.5 FTE in 2008 to 14.0 FTE in 2017, plus 2 newly created lecturer positions. The “salary savings” generated by research grants have played a significant role in helping the School to overcome the major financial difficulty during the historical Economic Recession in 2008-2011, and to cope with the flat budgetary raise thereafter and a limited budget allocated to teaching assistantships.

5. **ACTIVE GRANTS SECURED**  
Active extramural/intramural research funds reported by faculty members at the end of the calendar year from 2008 to 2016 show a healthy trend of increase. It was $6.7 million in 2008 and 13.8 million in 2016, increased by 2.1 fold. It is very encouraging to see the integration of faculty from different disciplines into these research projects.

The other parameter to measure the unit’s productivity is the research papers published. In average, our faculty have published 28-53 papers per calendar year from 2008 to 2016, or 2.8-5.6 papers/FTE during that period.

6. **LABORATORY AND FACILITY IMPROVEMENT**  
In 2008, the wet-lab space in the School was 3,838 sq. ft., mainly in HAMP and RHPH buildings. More wet-lab space and affiliated facilities have since been acquired in HAMP, PHYS and LILY buildings, bringing the total lab and facility space to 9,362 sq. ft. in 2017, a 244% or 2.4-fold increase. The dollars spent on the renovation, repair and rehabilitation during this period amount to $761,416.

7. **DONATION AND FUND RAISED**  
From 2008 to 2016, the total funds raised from private donations by alumni, individuals and corporations account to $2,2 million. The funds are used to support mainly student activities (such as scholarships, award recognitions, and enrichments, etc.), new faculty searches, scholarly enhancement, alumni relationship, and infrastructure improvement. The fund of “Friends of School of Health Sciences” led by Dr. Zheng along with other donors is specifically designed for students from the State of Indiana.
Dr. Tasha (Metzger) Hall is an exemplary representative for the school of health sciences. Dr. Hall obtained her Bachelors of Science in Pre-Dentistry in the School of Health Sciences at Purdue University in 2007. During her time as an undergraduate, Tasha was very active in the Kappa Alpha Theta Sorority and served as a Gamma Chi recruitment guidance counselor. She was also active in both the Caduceus Club and Pre-Dental Club and also served as a School of Health Sciences Ambassador.

Following her time at Purdue, Dr. Hall attended Case Western Reserve University for her Doctorate of Dental Medicine and then returned to Indiana University where she obtained her Masters of Science in Dentistry and Certificate in Orthodontics. Her interest in serving children with cleft and craniofacial anomalies inspired her to again return to Case Western to complete a Craniofacial, Surgical and Specialty Care Orthodontic Fellowship.

Dr. Hall currently serves as the Director of Craniofacial Orthodontics at Indiana University. She is an active member of a multidisciplinary team at Riley Hospital that cares for children with cleft and craniofacial anomalies. She has been an integral part in establishing a program that provides comprehensive and coordinated care to these children. Riley Hospital and Dr. Hall are at the forefront of care for these complex patients. Dr. Hall regularly presents and publishes to raise awareness and improve treatment for cleft and craniofacial anomalies. As a faculty member with the IU School of Dentistry she is also active in providing student education.

In addition to her position at IU, Dr. Hall works as a provider at both Russel Orthodontics and Noblesville Orthodontics. She is the sole owner and practice manager at Noblesville Orthodontics.

Despite her busy work schedule, Dr. Hall manages to give back to the community both locally and abroad. In 2010 she participated in a mission trip to Guatemala to provide dental services to those in need. This past fall, her passion for helping children with cleft lips and palates motivated Dr. Hall to run a marathon to benefit the charity Smile Train, which assists in covering the cost of surgical repair of cleft anomalies. Dr. Hall’s team raised over $620,000 for Smile Train while she herself raised over 150% of her goal.

Kimbre (Vogel) Zahn, Class of 2007, who nominated Dr. Hall for this award, stated “I personally know Tasha from our time together in the School of Health Sciences and also as members of the Kappa Alpha Theta Sorority. She has always excelled, first in academics and now as a professional. Her commitment to continued learning and her strong work ethic has made her a leader in the dental and orthodontic community. Her significant achievements are already remarkable and I cannot wait to see what she continues to accomplish in the future.” Dr. Hall is truly a role model for students in the School of Health Sciences.

We are proud of all that Tasha has accomplished and look forward to her continued success!
Dr. Ulrike Dydak has been selected as the 2017 recipient of the new Sigma Xi Midcareer Research Award! This is the first year this award is being given and Dr. Dydak won the honor among a plethora of excellent nominees. The entire process has far exceeded the Award Committee's expectations.

Dr. Dydak is recognized for her innovative research on quantifying brain GABA levels in vivo using MRI/S, her application of MRI/MRS to facilitate translational and clinical researches at Purdue and IUSM, and her profound contribution to the establishment and direction of Purdue's Life Science MRI Facility.

Dr. Wei Zheng has been selected as the 2017 HHS Outstanding Graduate Faculty Mentor Award. The Graduate School solicits nominations from across Purdue University for the Provost’s Award for Outstanding Graduate Faculty Mentor. Nominees must be a current graduate faculty member on the West Lafayette campus and have demonstrated sustained and significant contributions to graduate education at Purdue through activities such as (1) well-structured relationships with students that lead to successful completion of masters and doctoral degrees. These relationships include service on committees, mentoring, research funding, intellectual and creative support, and respect for students, (2) innovative graduate teaching, and (3) significant administration of graduate programs. Over his more than 25 years of career as an academic educator, Dr. Zheng has mentored, as a major professor, 22 graduate students, 20 undergraduate students, 19 postdoctoral fellows, and 11 senior scholars and visiting professors. Many are now in the leadership positions in their own careers.

Purdue Professor looks to test portable scanner aimed at detecting lead in bones

A Purdue University professor is testing new technology capable of measuring the amount of lead in a person’s bones. Linda Nie, an associate professor in Purdue's School of Sciences, has built her lab in West Lafayette as the home to an X-ray fluorescence machine, capable of detecting lead in bones. But she and other researchers wanted to make that technology accessible to large populations. That's when they began developing a portable bone lead scanner. "At that time, many researchers and clinicians contacted me because that stationary system is not accessible to many people because it's a bulky system," she said.

Nie said the portable scanner weighs in at just three pounds, and the X-ray is performed on a person's tibia bone. The scan takes about three minutes from start to finish, which is much quicker than the stationary system. After that, a data analysis is formed to see if any metals are present. She said lead exposure is a major problem worldwide. "There are still issues about lead exposure not only in developing countries but also in developed countries," Nie said.

One of those places affected by lead exposure is East Chicago, Indiana. The city has been plagued by contamination stemming from local refineries. Last weekend, Nie took a trip up north in hopes of seeking out residents interested in receiving a scan themselves. This is part of a proposed study measuring the effectiveness of the portable scanner. "The main purpose of this pilot study is to find out whether portable X-ray fluorescence would be useful in the large population study, to study lead exposure and health outcomes," said Nie. She said dozens of people came out to an informational meeting at the East Chicago Public Library.

Nie and her colleagues have applied for approval from the Institutional Review Board to start the study. This assures that proper steps are taken to protect those involved. Once they get the green light, they can start contacting those interested in participating. "We are very glad that we actually had a very successful meeting in East Chicago, and we found out that people there are really interested in participating in this study," Nie said. Nie said those interested in the study in East Chicago have to be at least 40 years old, and the scan comes at no cost to participants. If approved, the study will be funded through grants from the National Institute of Environmental Health.
Good luck to everyone who is continuing their education with graduate or professional school! Keep us posted on how you are doing!

Joseph Amaro has been accepted into the MPH program (Environmental Health Science & Policy) at George Washington University.

DeAngila Jones has been accepted into the Master's of Public Health at Georgia State University.

Korrine Stromidlo has been accepted into the Veterinary Technology Program at Fox College.

Christopher Vincent has been accepted to the Indiana University School of Medicine.

Kendal Weger was awarded the Dr. Helen Clarke Graduate Fellowship by Alpha Lambda Delta. Alpha Lambda Delta awards 26 graduate fellowships yearly from a national pool of applicants. Awards are used to offset the expense of pursuing graduate or professional studies. Kendal will be pursuing an advanced degree in medicine at Indiana University in the fall.

Trent Weyer has been accepted into Louisville Dental School.

For the third continuous year the School has achieved 100% placement of our Clinical students. Below are the students for 2017-18 and their placement location!

Dillon Bergman & Kendall Redd (Franciscan Health Indianapolis), Emily Winger, (Franciscan Health Margaret), Hope Spalding (Good Samaritan Hospital), Mariel Netherton (IU Health Methodist Medical Center), Rachel Kidder, Varsha Kumar and Chinyere Onyeukwu (IU School of Medicine) and Sonia Bhatt and Meagan Curley (Northshore University Health System Evanston Hospital)
Fourteen School of Health Sciences undergraduate students presented posters, showcasing their research projects at the Undergraduate Research and Poster Symposium on Tuesday, April 11, 2017.

This is an excellent opportunity to prepares students for future experiences where they will need to present and apply their work. Being directly involved in the process of discovery, along with the feedback from judges and other student participants was invaluable and is an important part of the research project.

Joey Amaro (a senior HSCI Honor student working with Jason Cannon) won the 1st place poster prize for HHS at and Whitney Diep (RADH undergrad) student working with Ulrike Dydak won the 2nd place.

Congratulations to Joey and Whitney and everyone who represented the School at a great event!

The 2016-2017 class welcomed 10 new freshman Honors Students and 12 continued from previous years (see the list below for their names and the mentor they are working with).

Dr. Freeman recognized those in attendance at the Awards and Graduation Banquet on April 27th with a certificate of participation. Pictured to the left are Isabelle Olejniczak, Hannah Gallion, Jennifer Davis, Kendal Weger and Nudar Bhuiya

### New Honors Student
- **Nudar Bhuiya**
- **Emily Betts**
- **Jennifer L. Davis**
- **Alexis Ferngren**
- **Hannah D. Gallion**
- **Niharika Kaul**
- **Isabelle Olejniczak**
- **Charles G. Price**
- **Courtney L. Sheffield**
- **Faith Stirm**

### Faculty Mentor
- Jennifer Freeman
- Keith Stantz
- Ulrike Dydak
- Jonathan Shannahan
- Ellen Wells
- Jason Cannon
- Shuang Liu
- Jason Cannon
- Jennifer Freeman
- Jason Harris
- Keith Stantz

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### Continuing Honors Student
- **Joseph Amaro**
- **Madison Baker**
- **Courtney Oare**
- **David Putt**
- **Kendal Weger**
- **Morgan Kramer**
- **Natalie Lamport**
- **Leeah Reidenbach**
- **Claire Wilson**
- **Erin Kay**
- **Emma Wallens**
- **Rachel Yuska**

### Faculty Mentor
- Jason Cannon
- Ellen Wells
- Ulrike Dydak
- Jim Schweitzer
- Jennifer Freeman
- Jason Cannon
- Carlos Perez-Torres
- Jennifer Freeman
- Ellen Wells
- Wei Zheng
- Linda Nie
- Carlos Perez-Torres

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### Instructional Equipment Funding

Lisa Hilliard, Director of Medical Laboratory Sciences and Continuing Lecturer received Provost’s Funding for Instructional Equipment from the College of Health and Human Sciences in the Fall. The total amount of $24,081 has allowed Lisa to purchase a freezer and other instruments for her new course HSCI 420 (Applied Anatomy for Medicine).

This fund will enhance the educational opportunities for our undergraduate and graduate students in years to come!

**Great work Lisa!**
UNDERGRADUATE AWARDS

Celebrating Your Success!

UNDERGRADUATE SERVICE AWARD
RANU VERMA

THOMAS WIDNER AWARD
RANU VERMA

BARBARA YOUNG AWARD
CHINYERE ONYEUKWU

BOOTSMA DISTINGUISHED MEDICAL LABORATORY SCIENCES SCHOLARSHIP
MEAGAN CURLEY

DISTINGUISHED HEALTH SCIENCES STUDENT AWARD
KENDAL WEGER

JEFF KIZER AWARD
LAKIN BOWELL

THE MERIT SCHOLARSHIP IN RADIOLICAL HEALTH SCIENCES
MIRANDA NICHOLS

ROBERT R. LANDOLT RADIOLICAL HEALTH SCHOLARSHIP
ZHENG GU

RICHARD VETTER SCHOLARSHIP
CLAIRE WILSON

PAUL ZIEMER OUTSTANDING FRESHMAN SCHOLASTIC PERFORMANCE SERVICE AWARD
KALI CHEMELEWSKI

GRADUATE AWARDS

WAYNE V. KESSLER GRADUATE STUDENT AWARD IN HEALTH SCIENCES
RUOYUN MA

GRADUATE SERVICE AWARD
KATHARINE HORZMANN

ELI LILLY INDUSTRIAL HYGIENE SCHOLARSHIP
SPENCER THOMAS
Congratulations to our award winners, who were recognized at our Banquet on Friday, April 21, 2017. These Graduates, Distinguished Students, Honor Students and Club Presidents were honored for their many contributions to academic achievement and service research. Also recognized at this banquet was our Robert Landolt Excellence in Teaching Award winner, Professors Carlos Pérez-Torres and our 2016 Young Alumni recipient, Tasha Eileen Hall, DMD, MSD, Director of Craniofacial Orthodontics at Indiana University.
AMERICAN INDUSTRIAL HYGIENE ASSOCIATION (AIHA) STUDENT NIGHT

On February 15, 2017 Drs. Jason Harris, Jae Park and Ellen Wells, along with 7 undergraduates and 3 graduate students from Purdue (below left) travelled to Chicago to participate in the annual Student Night hosted by the Chicago Local Section of the American Industrial Hygiene Association.

During the Danelle Rolle-McFarland (below right) presented “Bone Manganese (BnMn) as a Biomarker of Cumulative Mn Exposure: A Preliminary Analysis”. She won first place for this student presentation and the Fred Tremmel Award for “Best in Show”!

Spencer Thomas’s oral presentation titled “Air Quality and Respiratory Analysis among Manufacturing Welders” received impressive response from the audience as well.

SOCIETY OF TOXICOLOGY MEETING

Several Faculty and students attended the 2017 Society of Toxicology meeting in Baltimore, Maryland in April. Congratulations to Dr. Sherleen Fu, a postdoctoral fellow in Dr. Jonathan Shannahan’s lab, who was elected as the post-doctor representative in the SOT Metals Specialty Section during this meeting.

Katie Horzmann received the Roger O. McClellan Student Award from the Comparative and Veterinary Specialty Section (CVSS) and the Toxicologic and Exploratory Pathology Specialty Section (TEPSS). In addition, Katie and Kathy Thompson both received Society of Toxicology (SOT) Graduate Student Travel Awards to attend the meeting.

Sena Agim, a graduate student in Dr. Cannon’s lab, was awarded a Purdue Graduate Student Government (PSGS) Travel Grant, a Neuroscience PULSe Travel Grant and a Purdue Institute for Integrative Neuroscience (PIIN) Travel Grant from the Neuroscience Center and Mariella Villanueva, a former Purdue Summer Research Opportunities Program (SROP) student in this same lab was the 2017 Pfizer SOT Undergraduate Student Travel Award. This includes full funding for travel and all expenses to 2017 SOT Annual Meeting, based upon her SROP work in the lab.
This Spring semester was very busy! Congratulations to all of our Graduate students on their successes at conferences and in the labs!

**Dr. Cannon’s Lab:**
- **Sena Agim** won the Purdue University Interdisciplinary Life Sciences Program Travel Grant to 2017 SOT Annual Meeting and the Purdue Student Government Travel Grant to 2017 SOT Annual Meeting.
- **Angela Cruz-Hernandez** was accepted to the Ph.D. program in Toxicology at the University of Colorado. She will begin in the Fall.
- **Mariella Villanueva**, a former Purdue Summer Research Opportunities Program (SROP) student was awarded the 2017 Pfizer SOT Undergraduate Student Travel Award. Full funding for travel and all expenses to 2017 SOT Annual Meeting, based upon her SROP work in the Cannon lab.
- **Johnny Wise** was awarded the Bilsland Dissertation Fellowship.

**Dr. Dydak’s Lab**
- **Eric Cameron** received the Purdue Teaching Academy Graduate Teaching Award 2017.
- **David Edmondson** received an NIH predoctoral National Research Service Award (F31) grant entitled "Multimodal Neuroimaging Approaches to Modeling Manganese Toxicity". He won an ISMRM Educational stipend, won a Magna Cum Lade award for his ISMRM abstracts, and was selected as Graduate Student Representative for the Neurotoxicology Specialty Section at the Society for Toxicology.
- **Ruoyun "Emily" Ma’s** poster at the ISMRM was selected for an additional oral talk at the Psychiatric MRI and MRS Study Group AND she won 2nd place for her oral talk. She also won a Magna Cum Lade award for her ISMRM abstracts. Emily received 5 offers for a postdoc at excellent places and is leaving us to work on ultra-high field human MRI systems (7T, 10.5T) at the Center for Magnetic Resonance Research (CMRR), University of Minnesota.
- **Courtney Oare** was selected for a full paper in the Purdue Journal of Undergraduate Research. Courtney will be starting her PhD in Medical Physics at the University of Minnesota, MN (one of the top MP programs in the country!)
- **Andrew Wright** won an ISMRM Educational Stipend. After graduation, he will be crossing the ocean and starting his PhD in one of the most famous MRS groups of our times! He will be working in Anke Henning's group developing MRSI on a 9.4T Human MRI scanner at the Max Planck Institute for Biological Cybernetics in Tübingen, Germany.
- **Chien-Lin Yeh’s** won an ISMRM Educational Stipend, a Magna Cum Lade award for her abstract, and her poster at the ISMRM was selected for an additional oral talk at the Molecular Imaging Study Group and she won 3rd place for her oral talk.

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**Dr. Harris’s Lab**
- **Joshua Young** received an HPS Student Travel Award to attend the 2017 HPS Annual Meeting.

**Dr. Nie’s Lab**
- **Michael Abel** received a Health Physics Society (HPS) fellowship as well as HPS travel award to support his research on the development of deuterium-deuterium (DD) neutron generator-based associated particle neutron elemental imaging (APNEI) technology for disease diagnosis.
Dr. Dallas Cowan is a board-certified toxicologist (DABT) and Certified Industrial Hygienist (CIH) with more than eight years of consulting experience in occupational toxicology, industrial hygiene, exposure and human health risk assessment. Dr. Cowan completed his PhD in Toxicology at Purdue University in Wei Zheng’s lab, where his principal research focus involved biomarkers of manganese (Mn) exposure and early-onset manganism in Chinese smelting workers. Dr. Cowan completed his MS in industrial hygiene at San Diego State University in 2005 where his research investigated the effect of anthropometric facial characteristics on the efficacy of disposable dust masks.

Dr. Cowan’s industrial hygiene and safety experience includes a variety of exposure assessment techniques, qualitative and quantitative fit testing for respiratory protection programs, development of safety bulletins, preparing and conducting safety briefings regarding permit required confined space entry, fall protection, respiratory protection, and personal protective equipment. He has been involved in several air sampling campaigns aimed at characterizing air concentrations of various chemicals including asbestos, VOCs, and particulates. He was also involved in preparing for a Cal-OSHA Voluntary Protection Program (VPP) STAR recertification.

More recently, Dr. Cowan has provided technical and expert support on projects involving exposure and human health risk assessment of chemicals in a variety of occupational, environmental, and consumer product settings. His experience includes investigating the health effects of exposure to a variety of compounds, including benzene, styrene, vinyl chloride, and other VOCs, metals including manganese, and asbestos. He also has expertise and has published in the area of respiratory protection, biological modeling of drugs and alcohol, product stewardship and sustainability involving methods for comprehensive product safety assessments. Dr. Cowan has published more than 25 abstracts, book chapters, and peer-reviewed papers on various industrial hygiene, consumer products safety, environmental exposure, toxicology, and risk-related topics.

Dr. Rosenthal was honored at a retirement celebration on April 24th for his almost 27 years of service to Purdue.

Dr. Rosenthal received his Ph.D. in Physics from Columbia University in New York City in 1971. Early in his academic career, he transitioned to the fields of Occupational and Environmental Health Sciences through post-doctoral training in the Environmental Medicine at the New York University School of Medicine. Throughout his career, he has been active on issues involving worker health, environmental health policy and social justice.

Frank enjoys traveling, biking, skiing and spending time with his family. We know he will keep busy, but hope he will stop by and say “hello” when in the area.

A retirement party was held for Loretta Coffman on April 3rd celebrating her 36 years of service to Purdue. Loretta spent the last 16 years in the Nursing and Health Sciences Business Office.

Many people from Nursing, Health Sciences as well as from the Health and Human Sciences Business Office were on hand to wish her well in her Retirement.

She enjoys quilting and spending time with her family.

She will be missed!

Congratulations to Helen Terrell who was recognized on December 8, 2016 for her 25 years of service at Purdue University, the last 9 of which have been with the School of Health Sciences.

She enjoys working with other staff, faculty and especially the students.

She likes to read, garden and watch Purdue Basketball along with her grandchildren’s various sports and spending time with her family as often as she can.

We wish her well in this chapter of her life!
As 2016 comes to a close, John Zimbrick can officially say he has broadcasted on the air for six decades.

The Purdue University adjunct professor has kept up his self-described second life playing jazz selections since he was in college, a streak only interrupted when his day job became too busy. He is part of Purdue’s School of Health Sciences and a professor emeritus at Colorado State University.

Zimbrick has practiced his passion for jazz in many places, including Washington, D.C., and Kansas, and he has interviewed top talent. He plays albums from his own vast collection on his show, "Jazz Cornucopia," which airs on WBAA from 8 p.m. to 11 p.m. Saturday on 920 AM, 105.9 FM and WBAA Jazz 101.3 FM HD 2.

Below are excerpts from his interview with the Journal & Courier.

**On interviewing Duke Ellington** - As a student at Carleton College, Zimbrick became heavily involved with the school’s radio station, fitting jazz pieces in between pop songs during his segments on the air. His first interview was none other than jazz legend Duke Ellington, the radio host said. In 1958, Ellington came to Carleton as part of its jazz series, and after his band finished rehearsing, a young Zimbrick said he asked if the bandleader would accompany him to the radio studio. Ellington obliged, and Zimbrick remembers the two discussing Ellington’s use of individual soloists and his ability to compose in hotel rooms. Looking back, Zimbrick remembers how nice Ellington was. He also wishes he’d been able to record their conversation. "We had one tape recorder at the radio station, and it was broken," Zimbrick said.

**On why Zimbrick has been able to keep up his passion for 60 years** - As a young boy growing up in Killdeer, North Dakota, Zimbrick often tuned into the radio at night. "Jazz was what I picked up on, and ... I can’t explain it," he said. "My parents didn’t listen to it, didn’t care for it that much, but they didn’t stop me." And something inside him wanted to share his passion with others. He remembers lugging his record player to his father’s department store, placing it on a shelf in the toy department and spinning sounds from there. Throughout Zimbrick's life, jazz has been his constant. "That gave me a chance to just completely escape ... and just focus on the music, even if it was just for a few hours," Zimbrick said.

**On the best call he’s taken** - As a radio host in Washington, D.C., in 1984, Zimbrick was known for playing a wide variety of jazz. But his show didn't have a name, and a listener suggested that it should, he said. "It kind of developed in my thinking that it would be fun to run a contest and see what people say the name should be," Zimbrick said. He remembers making a list of all the recommendations he received. In the end, he settled on "Jazz Cornucopia," submitted by a caller he remembers as particularly friendly.

And that, Zimbrick said, has been the show’s name ever since.

*Call J&C reporter Domenica Bongiovanni at 765-420-5247. Follow her on Twitter: @DomenicaReports.*