Zamorano University is an international agricultural institution established in Honduras in 1942. Since then, Zamorano has graduated 6,933 professionals from 28 countries in the Americas and Europe. Graduates of Zamorano are characterized by their excellence, leadership, and commitment to the responsible management of natural resources, rural development, and global food security. Zamorano education is based on the ‘Learning by Doing’ philosophy, which allows students to apply what they are being taught in the classrooms to solve real agricultural problems. Under this philosophy, Zamorano has instilled a desire to pursue internships and graduate degrees worldwide.

When Bob O’ Neil went to Zamorano for his sabbatical leave in the fall of 1991, he had a goal of finding natural enemies of the Colorado Potato beetle, work that required a network of well-trained collaborators native to the areas where potato related beetles originated. He thought that Zamorano would be the best place to start.

After spending a year working at Zamorano, he came back with much more than a list of potential natural enemies. He also came back with a vision of how to develop a network of trained Latin American scientists who could work on common problems. He would apply the ‘Learning by Doing’ motto to bring students back to the U.S. to improve their English skills so they could enter U.S. universities and eventually become trained scientists.

In the early 1990’s, Bob focused his efforts on finding opportunities for students interested in biological control. These students would be brought into laboratories at Purdue or in private industry to work as visiting scholars as they improved their English skills and readied themselves for graduate school. Although much of this program’s success can be attributed to Bob’s vision, the quality of the interns was also responsible for program growth. Only the best Zamorano students were allowed in the program.

News of this source of capable, motivated students spread through the department, the college, and to colleagues around the country. Suzanne Nielsen, in the Department of Food Science, was one of the leaders in the college who helped expand the program to other disciplines. Soon, what was envisioned...
We have a strong presence in urban pest management, public health vector biology and ecosystems services. Insect science is an integral component of the life sciences, regulatory disciplines, and the bio-economy, but where are we leaders or indispensable?

It is time to take a fresh look at the discipline and ask ourselves, what are we as entomologists being asked to do, what would we like to do, and where are the opportunities? A few things to keep in mind include the changing landscape of the Land Grant mission, should our focus reflect traditional as well as emerging issues, how much pest management versus basic science should we embrace, what about our position in plant science versus other areas. Finally, how do these aspirations line up with the grand challenges of the day.

Ultimately, we will have to make choices because the possibilities are much bigger and broader than any one department can hope to embrace. Do we only build on existing strengths, or is it time to step boldly into new areas. A conversation has already begun with leaders in the discipline and will extend across the community in the next few months. The incoming president of the Entomological Society of America (ESA), Frank Zalom, plans to embrace the theme of entomology’s role in addressing the grand challenges, so our deliberations are timely.

It is time to reach out to the community for ideas and suggestions about where we are heading or should be going. Initial discussions will begin when department heads/chairs meet early next year for our annual multi-state meeting, and continue throughout the year in various venues including as part of the theme of next year’s ESA annual meeting in Portland, OR. There will always be a need for entomologists; the question is, how will this be met?

~Steve Yaninek~

Future of Entomology

I just returned from the 2013 Entomological Society of America (ESA) national meeting in Austin, Texas, where a topic of discussion among the department heads/chairs concerned the future of our discipline. Today, public universities face some of the biggest changes they have ever seen because of rising costs and declining support from legislatures. Increasingly, administrations are considering metrics that favor majors with large enrollments and research portfolios that embrace basic science supported by the large federal funding agencies other than agriculture.

So what are the opportunities for entomology and where should we place our priorities? There is no simple answer, but here are a few observations to consider. While the number of entomology faculty, departments and graduates have declined, the demand for our expertise remains as strong as ever – so who will train the next generation of entomologists? Our discipline is tightly linked with pest management, which will continue to drive many opportunities, but will this be both necessary and sufficient? Entomology is more than a plant science. We have a strong presence in urban pest management, public health vector biology and ecosystems services. Insect science is an integral component of the life sciences, regulatory disciplines, and the bio-economy, but where are we leaders or indispensable?

It is time to take a fresh look at the discipline and ask ourselves, what are we as entomologists being asked to do, what would we like to do, and where are the opportunities? A few things to keep in mind include the changing landscape of the Land Grant mission, should our focus reflect traditional as well as emerging issues, how much pest management versus basic science should we embrace, what about our position in plant science versus other areas. Finally, how do these aspirations line up with the grand challenges of the day.

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~Steve Yaninek~

New Staff

Monika Gulia-Nuss joined Cate Hill’s lab in April working on tick population genomics. She is a vector biologist from Northern India and received her PhD from Maharshi Dayanand University, Rohtak and National Malaria Research Institute, New Delhi. Monika is married to Andrew Nuss (BS ’98, MS ’00) and they have a 9 month old son, Jack Arul Nuss. She enjoys reading fiction, baking and traveling. Dan Hall, is the new Business Office Manager in Entomology. He came to the College of Agriculture in April and Purdue in 2008. His previous position was Business Assistant for the University Development Office and Marketing and Media. Dan and his wife, Reanne, have two sons, Danny (19) and Liam (2). He grew up in Battle Ground, Indiana, enjoys music and playing the guitar.

(Continued from page 1) as a source of entomological collaborators, quickly became a resource for many departments at Purdue and in colleges throughout the United States.

Dr. Luis Cañas (MS ’96, PhD ’00), one of the earliest Purdue Zamorano alumni under Bob O’Neil, is now a Professor in the Department of Entomology at The Ohio State University and currently is the faculty advisor for the U.S. Zamorano student alumni association. This organization now leads the internship program, and helps to link researchers with students around the country.

Over the past several years, the Zamorano student organization has put on annual conferences for alumni to give current and past interns and students an opportunity to network among themselves. This past June the organization passed a new milestone with the conference ‘Building Bricks for the Future of Agriculture’ held at Dow Agrosciences in West Lafayette. The goal was to continue the promotion and strengthening of bonds among Zamoranos, Purdue University, and industry. Speakers at this meeting included Roberto Cuevas, the president of Zamorano, Jay Akridge, Dean of the School of Agriculture, faculty mentors of Zamorano interns, former Zamoranos who now have influential positions in many agricultural industries, and Gladys Andino, the president of the Purdue Zamorano Association. Dow AgroSciences and Monsanto were among the many companies present who spent the day interviewing candidates for jobs in their corporation in Latin America.

After twenty years, the Zamorano internship program has grown beyond expectations into a vibrant, sustainable organization. Where will it go in the future? Well, if the past is any indication, it will learn by doing.

~Cliff Sadof and Julia Prado~

New Post Docs

Andrew Nuss (BS ’98, MS ’00) joined Cate Hill’s lab in March. He will focus on identifying new insecticides by screening chemicals for their ability to activate or inhibit mosquito G-protein coupled receptors. Andrew earned his PhD and did postdoc work at the University of Georgia. He enjoys hiking, reading, cooking and macro photography. Elizabeth Long joined Christian Krupke’s lab in May where she will
study the exposure of non-target organisms like honey bees to neonicotinoid pesticides across agricultural landscapes. She received her PhD from the University of Missouri. Dipterans (flies) are some of her favorite insects to read about, collect, and view under the microscope. Priya Rajarapu is a new member of Mike Scharf’s lab. Her research will be to identify the candidate genes/enzymes produced by a termite and its symbionts to degrade the lignocellulose component of the second generation feedstock. Priya is from India and enjoys spending time with her 2 year old daughter, Vanshika, and dancing.

Scott Williams (PhD ’13) joined the Dieudonne Baributsa lab to work on the Purdue Improved Cowpea Storage (PICS) program. He hopes to help answer some of their stored pest research questions as well as develop some of his own. Scott is from Naperville, Illinois and has interests in running, swimming, writing, drawing, and science and political outreach.

Joshua Gibson is working with Greg Hunt on genetics of speciation, particularly on hybrid incompatibilities. He earned his PhD at Arizona State University and identifies himself as an evolutionary geneticist. Joshua enjoys hiking, backpacking, bike riding, and amateur photography.

**Departing Staff**

Melissa Shepson came to the department in September 2006 as Outreach and Educational Support for the Emerald Ash Borer Program with Cliff Sadof. She also worked with Tom Turpin as Outreach Education Coordinator for the department. Melissa returned to North Carolina to live closer to her family. Annemarie Nagle, Exotic Forest Pest Educator, is also moving back to her home state of North Carolina. Annemarie has worked with Cliff Sadof as the EFPE since September 2011.

Chris Cookley, Web and Graphic Designer, is moving to Nashville, Tennessee with his wife Sarah, who recently completed her nursing degree at Purdue.

**Awards**

This year’s department picnic included a surprise announcement. John Sautter from the Purdue Alumni Association and members of his staff attended the event and awarded the Special Boilermaker Award to Tom Turpin. “Professor Turpin has been Purdue’s ambassador at state, national and international levels to hundreds of thousands of students, parents, teachers and friends of Purdue. He is well-known as one of the best teachers at Purdue and has just about every teaching award to prove it.” Tom was officially recognized during a home football game in October and his name will be inscribed on the University Awards pillar on Engineering Mall.

**2013 John V. Osmun Alumni Professional Award in Entomology**

[Image of award winner]

Kevin Steffey (BS ’72) began his career as an extension entomologist at the University of Illinois, retiring in 2009 after 30 years. That same year, Dr. Steffey began a second career at Dow AgroSciences, as technology transfer leader in insect management. Dr. Steffey’s career was defined by two primary endeavors – education extension in integrated pest management, and service to the Entomological Society of America. Dr. Steffey’s program integrated applied research and extension education, developing and delivering research-based solutions to growers and other agricultural professionals. He is regarded locally, nationally and internationally as a leading figure in extension education. Dr. Steffey has always been committed to the philosophy and principles of IPM, and he has been a vocal critic of diluting the definition of IPM as newer technology has arisen. Dr. Steffey is highly regarded by his peers for his distinction and professionalism in all his career accomplishments and contributions, his acknowledged leadership, and his strong commitment to the discipline of entomology.

**Jon Neal** was selected to be a Fall 2013 IM-PACT fellow with the IM-PACT (Instruction Matters: Purdue Academic Course Transformation) program. IMPACT is a landmark campus initiative with a strong investment from the Provost and President. The mission is ‘to improve student competency and confidence through redesign of foundational courses by using research findings on sound student-centered teaching and learning.’

**Joe Huesing** (PhD ’91), Project Manager for Larry Murdock, was recognized by the Entomological Foundation at the November ESA meeting in Austin. Joe is part of the Risk Assessment of Bt Plants on Beneficial Non-target Arthropods (NTA) IPM Team that received the Integrated Pest Management Team Award sponsored by Dow AgroSciences for significantly enhancing the environmental risk assessment of Bt crops.

**Linda Mason** received two Entomological Society of America awards this year. She received the Distinguished Achievement Award in Extension at the 68th Annual Meeting of the North Central Branch - Entomological Society of America held in Rapid City, South Dakota in June. Linda was also selected to receive the 2013 Distinguished Achievement Award in Extension at the ESA meeting in Austin in November. She is being recognized for her outstanding contributions to post-harvest pest management where she works with some of the leading food manufacturing and retail companies in the world on issues associated with food protection, food processing facility design, and pest management technology development.
Entomology / Purdue

Chris Oseto has been elected as a Fellow of the Entomological Society of America for 2013. Chris has been a creative force in the discipline for 40 years. Chris is a highly decorated teaching scholar recognized by his institutions and society for the truly remarkable educational experiences he has given to countless students and young people. He has been a stalwart in ESA, particularly in the areas of teaching and education, and served in many significant leadership roles including as president in 1999. Chris was recognized during the 2013 Annual ESA Meeting in November in Austin, Texas.

Cliff Sadof is a member of the Purdue Imprelis Herbicide Injury Response Team that received the Purdue Agriculture 2013 TEAM Award in May. The team identified a serious environmental problem that impacted residents and turf professionals in Indiana and across the country.

Ian Kaplan was recently selected to receive the 2013 International Organization of Biological Control (IOBC) Early Career Outstanding Scientist Award. The award was presented at the IOBC-NRS meeting at the Entomological Society of America meeting in Austin, Texas in November.

Development Update

Statue to Represent Youth Outreach

The Purdue Department of Entomology has a long history of outreach to youth beginning with “Insect Clubs” in the 1940’s. From the 1970’s until the present time the Department of Entomology has sponsored major outreach efforts to youth including “Insectaganza” - a college experience for 5th graders; Bug Bowl; school programs for youth; and 4-H and FFA support and training. The College of Agriculture is the home for state-wide 4-H outreach programs that engage thousands of youth annually, including on-campus workshops and the annual 4-H Roundup.

We propose a statue be located in front of the Agriculture Administration building and Pfendler Hall, the long-time home of the Department of Entomology. The statue will commemorate the role of entomology in outreach education in the broad sense, but especially to youth. It will also highlight the role of Entomology as a motivating force in the establishment of Spring Fest, Purdue’s most popular on-campus outreach event. It is proposed that landscaping include natural flora, especially plants attractive to butterflies.

The entomologist depicted in the sculpture will be JJ Davis, the long-time Entomology Department Head, who pioneered both youth education and professional training for what today is the Urban Pest Management Industry. One of the two youth in the rendering will be John Osmun, who followed Davis as the Entomology Department Head and was equally active in the urban pest control industry. The second youth will be Rachel Carson. Through her book “Silent Spring” Rachel Carson was the motivating force that coalesced public concerns for the environment that resulted in major philosophical changes in the attitude of the scientific community regarding the approach used to control insect pests.

For more information or to make a contribution to this project, contact: Steve Yaninek <yaninek@purdue.edu> or Tom Turpin <turpin@purdue.edu>

Friends of Entomology

The Honor Roll recognizes new gifts to the department January-June of 2013.

Monarch Club ($1000 up)
- Purdue Federal Credit Union
- University Bookstore, Inc.
- Anonymous

Honey Bee Club ($500-$999)
- Mr. Eugene D. II & Mrs. Janet L. White
- Dr. Mercer P. Russell
- Triple XXX Family Restaurant

Firefly Club ($101-$499)
- Dr. William & Mrs. Margaret Fischang
- Ms. Carolyn Workman
- Dr. Michael D. & Mrs. Judith A. Culy
- Dr. John K. Bready

Mayfly Club (up to $100)
- Mr. Charles W. Agnew
- Mr. Gregory L. Davies
- Mrs. Karen M. Bernhard
- Dr. Richard L. Miller
- Dr. Benjamin A Legaspi, Jr.
- Dr. Jesusa C. Legaspi
- Mr. Thomas V. Jr. & Mrs. Nancy Moore
- Dr. Henry R. Lawson
- Mrs. Mary C. Clark
- Dr. Colwell A. Cook
- Mr. Milan Keith Busching
- Mr. Kevin D. & Mrs. Ruth A. Black
- Mrs. Nancy C. & Mr. Ronald D. Gardner
- Mr. Robert M. & Mrs. Janet H. Shands
Entomology Students

J.V. Osmun Memorial Pi Chi Omega Scholarship Inaugural

Adam Salyer, PhD student with Mike Scharf (BS '91, MS '93, PhD '97) and Gary Bennett, was selected to receive the inaugural J.V. Osmun Memorial Pi Chi Omega Scholarship. The award is available to students interested in pest control with plans to pursue a career in the field. Academic standing, personal and professional character and financial need are all considered in the application process.

68th Annual ESA-NCB Student Awards

(L-R) Mahsa Fardisi, Linda Mason, Gladys Andino

Mahsa Fardisi (MS '11) and Gladys Andino were recognized at the Awards Luncheon of the 68th Annual Meeting of the Entomological Society of America North Central Branch held in Rapid City, South Dakota. Gladys won Third Place in the PhD Poster Presentations. Mahsa won First Place in the PhD 10 Minute Presentations and she was also the recipient of a 2013 Student Travel Scholarship.

College of Agriculture Scholarship Awards 2012 - 2013

Alyssa Collins, Manor, TX
Don Schuder Memorial Scholarship

Caryn Michel, Egg Harbor City, NJ
Kelly O’Neall and Margaret Richey O’Neall Memorial Scholarship
Rex Hall Memorial Scholarship

Elaina Grott, Mount Prospect, IL
Kelly O’Neall and Margaret Richey O’Neall Memorial Scholarship

Jeffery Trembacki, Dyer, IN
Kelly O’Neall and Margaret Richey O’Neall Memorial Scholarship

Julia Snyder, Winterport, ME
Rex Hall Memorial Scholarship

Stephanie Russell, North Charleroi, PA
Kelly O’Neall and Margaret Richey O’Neall Memorial Scholarship

CETA Excellence in Teaching

Daniel Martin, MS student with Larry Murdock, was honored at the 15th Annual Celebration of Graduate Teaching Excellence in April with the CETA (Committee for the Education of Teaching Assistants) Excellence in Teaching Award. The award is the highest honor Purdue gives to a graduate student.

Student Travel Award

Brittany Peterson, PhD student with Mike Scharf, received the Lillian & Alex Feir Graduate Student Travel Award in Insect Physiology, Biochemistry, or Molecular Biology for her investigations on how the gut microbiome of the termite Reticulitermes flavipes impacts host digestion and immunocompetence. The award is meant to encourage graduate students working with insects or other arthropods in the broad areas of physiology, biochemistry, and molecular biology to affiliate with ESA’s Physiology, Biochemistry, and Toxicology Section and to attend the ESA Annual Meeting or an International Congress of Entomology.

2013 Monsanto Student Grant Award

Jeff Grabowski, PhD student with Cate Hill, received a 2013 Monsanto Student Grant for his research utilizing the genome sequence of the Lyme disease tick, Ixodes scapularis, to study tick-borne flavivirus interactions. Jeff has made numerous oral and poster presentations on his PhD research at national and regional meetings and currently serves as a member of the scientific user advisory group to the NIH/NIAID-funded Influenza Research Database/Virus Pathogen Resource database. He is also very active with outreach programs, including the Purdue zipTrips Program, a virtual science field trip.

2012 - 2013 Outstanding Undergraduate Students

Freshman
Emily Justus, Mooresville, IN

Sophomore
Julia Snyder, Winterport, ME

Junior
Caryn Michel, Egg Harbor City, NJ

Senior
Tyler Stewart, Loogootee, IN
‘Deptreflection’

I got my start in entomology pretty late in my college career. It wasn’t until my junior year that I took the only entomology course that my undergraduate university offered. By the third week, though, I had completely fallen in love with the subject. The sheer diversity of insects was staggering, the number of life strategies seemed limitless, and it was a subject I soon realized that I could study for the rest of my life and never fully know. And that last thought— that reality— was what truly excited me about entomology.

Coming to Purdue for my graduate studies was a big transition for me. I was coming from an undergraduate university of less than 2,000 students to a much larger state school of around 40,000. On top of just getting started with my program, I was renting an apartment for the first time, taking care of my own health insurance plan, and learning to manage a bank account with more than 500 dollars in it. But I found in the department a group of people that made that transition easier: From my adviser, Dr. Linda Mason, to my lab mates Marissa McDonough (MS ’07, PhD ’10) and Mahsa Fardisi (MS ’11), and to the various staff, graduate students, and faculty, both past and present. These people helped me many times in my research, my class work, and other ways for which I am thankful.

In my four years with the department, I’ve had the opportunity to gain an appreciation for the qualities and activities that make the department stand out as an organization. Perhaps what stands out the most in my mind is the emphasis that the department places on its extension mission and the outreach events it holds each year. Having Dr. Mason as my adviser was particularly nice for exploring the department’s extension mission. She gave me several opportunities to lecture at her annual post-harvest workshop and helped me to collaborate with the University of Illinois by lecturing at some of their workshops as well. These experiences have helped me understand how important it is to communicate effectively, as my audiences were men and women whose jobs depended on me telling them what they needed to know. This fact forced me to try my best to meet that challenge.

My favorite department events, though, were the general education and public outreach events. Being able to share my excitement and knowledge about insects with others is something that I truly enjoy. I have mentored Frankfort High School students who were learning to conduct basic science experiments for the first time and have smiled at the expressions on children’s and their parents’ faces as the creepy creatures from books and movies start to move under their fingertips at Bug Bowl. Other events, like the Butterfly Encounter, I see as valuable stepping stones for bringing awareness to how ever-present and important insects are in our everyday lives.

With my graduate studies complete, I now look forward to pursuing new research challenges that could lead to helping others. I am particularly excited to be joining the Murdock lab and the PICS Project and hope to help answer some of their research questions, as well as develop ones of my own. Overall, I am grateful for the many opportunities the department has provided for me and I hope that I may be able to give back in whatever way I can in the future.

~ Scott Williams ~

Graduations

FALL 2012
Katelyn Strack, BS, Indianapolis, IN
Chelsea Wood, BS, Lake Tapps, WA
Nicole Parker, MS, Shade Gap, PA
Christine Emore, PhD, Lafayette, IN
Kapil Raje, PhD, Mumbai, India

SPRING 2013
Zachary Amodt, BS, Woodinville, WA
Alicia Conrad, BS, North Aurora, IL
Matthew Keen, BS, Delphi, IN
Kyle Pluchar, BS, Carmel, IN
Tyler Stewart, BS, Loogootee, IN
Huizhe Zhou, BS, Shaanxi, China
Jessica Kelly, MS, Ellicott City, MD

SUMMER 2013
Madeline Spigler, MS, Portersville, PA
Diego Echeverri-Garcia, PhD, Cali, Colombia
Scott Williams, PhD, Naperville, IL

New Entomology Students

SPRING 2013
PhD
Timothy Anderson, Stevens Point, WI

SUMMER 2013
BS
Ariel Higginbotham, Speedway, IN
MS
James Feston, Bonney Lake, WA

FALL 2013
BS
Nathanael Havlik, Crystal Lake, IL
Brianna Sallee-Thomas, Lawrenceburg, IN
Benjamin Savage, Middlebury, IN
Becca Thomson, Pierceton, IN
Zachary Webster, Avon, IN
MS
Aaron Ashbrook, Coloma, MI
Kirsten Roe, West Chester, OH

PhD
Adam Alford, Fayetteville, AR
Timothy Luttermoser, South Euclid, OH
Paola Olaya Arenas, Cali, Columbia
Madeline Spigler, Portersville, PA
Alumni News

Stanley Gesell (BS ’42, MS ’63), Professor Emeritus, retired in 1984 after 20 years at Penn State University as an Extension Entomologist. He served one year as president of the Pennsylvania Entomological Society and one year as president of ESA-Eastern Branch. “From J] Davis on, I had full respect for the faculty at Purdue.” In 2011, Stanley’s family and the Penn State Department of Entomology gave him a big party on his 90th birthday.

Steven Derr (BS ’69) is a Doctor of Chiropractic in Kingsley, Michigan. Prior to his practice of 25 years, Steven was an Assistant Professor of Biology at Hope College, Holland, Michigan, and taught toxicology at Palmer College, Davenport, Iowa. During his Purdue years, Steven was president of the Thomas Say Society. He remembers Leland Chandler, Basil Montgomery, and Dr. Dobson’s cowboy boots. “What a wonderful group of faculty - Dr. Osmun will always be remembered.”

Dr. Steve Yanoviak (MS ’93) began canopy-litter studies as a post doc, was the lead investigator on the gliding ant work, and has become a leading investigator in canopy entomology. After a stint as assistant Professor at the University of Arkansas-Little Rock, he moved to the University of Louisville as a Thomas Wallace Endowed Chair of Conservation in 2012.

Alumni Meet in Pucón, Chile: (L-R) Rob Wiedenmann (PhD ’90), Patricia Larrain-Quiroz (MS ’89), Madeline Spigler (MS ’13), Carlos Quiroz (PhD ’90). The photo was taken at the 4th International Symposium on Biological Control of Arthropods in March 2013.

Kris Wychuys: Inspecting cassava plants in Vietnam

Wan-Tien Tsai (MS ’05, PhD ’08) began a new career in March as an Agricultural Specialist in the international organization Food & Fertilizer Technology Center (FFTC) in Taipei, Taiwan. She will be in charge of organizing conferences, workshops and seminars, and writing proposals.

John McHugh (PhD ’94) is a Senior Agronomist for DuPont Pioneer’s Doubled Haploid Genetics nursery operation in Waipahu, Hawaii. He also teaches an IPM class (Plant Biology and Tropical Agriculture) each spring semester at Leeward Community College in Pearl City, Hawaii, owns a small custom seed harvesting business (sunn hemp, safflower, chia, etc.), and has a private consulting business. John volunteers as a Director and Board member of the West Oahu Soil and Water Conservation District and for the Agricultural Leadership Foundation of Hawaii, and serves on several other state agricultural committees. In his free time he enjoys reading, puttering around the yard and garden, and spending time with his wife and four grandchildren.

Kris Wychuys: Inspecting cassava plants in Vietnam

Ronald D. Gardner: Ron with son-in-law and granddaughter on his latest restoration, a 1949 John Deere Model G.

Ronald D. Gardner (MS ’81) is a Senior Extension Associate at Cornell University since 1994. He is active in pesticide safety and food protection organizations and recently received the Emmett R. Gauhn Memorial Award from the New York State Association for Food Protection. He was recognized as “a true Sanitarian and a superb teacher.”

John McHugh

Wan-Tien Tsai

Philip Morton (PhD ’09) is a full time instructor at Murray State College in Tishomingo, Oklahoma and an adjunct Assistant Professor at the University of Oklahoma where he practices his expertise in population genetics/genomics, molecular ecology, and ecological genetics/genomics. Philip enjoys working on special projects with his daughters, Violet and Hazel, such as collecting butterflies to make shadow boxes and the poison dart frog tank they are currently building.

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January 2014
6-8  78th Purdue Pest Management Conference, West Lafayette, Indiana

March 2014
9-12  ESA-NCB
     Des Moines, Iowa

April 2014
12-13  Bug Bowl and Spring Fest
       West Lafayette, Indiana

From the editor
With each issue of *Entomology @ Purdue* we keep you up to date on what’s happening in the Department of Entomology and with Alumni. Won’t you please take a moment to help keep us up to date with you?

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Please include your name, address, degree, major and year of graduation. Digital photos (.jpg or .tif) are preferred. Photos received by mail will be returned upon request.
To update your contact information online, go to:
<www.purdueinsects.org>

It is the policy of the Purdue University School of Agriculture that all persons shall have equal opportunity and access to the programs and facilities without regard to race, color, sex, religion, national origin, age, marital status, parental status, sexual orientation, or disability. Purdue University is an equal opportunity/equal access Affirmative Action employer.