

FACULTY NEWS

Dr. Trey Brown, Research Assistant Professor, has been awarded a grant by the Junior League of Lubbock to help prevent and reduce childhood lead poisoning for all at-risk Lubbock children 5 years of age and younger. These funds will be used to support the development and distribution of literature to day care centers and pre-schools as well as the conduction of health seminars for teacher and interested parents with regard to childhood exposure to lead.

Dr. Brown also received an award from the Urban Child Institute, a non-profit organization dedicated to the well-being and health of children from conception to three years of age in Memphis and Shelby County, TN. These funds will be used in support of the development of a geospatial mapping effort of environmental soil lead concentrations in Memphis.

Dr. Brown gave an invited seminar in January 2010 to the Lubbock County Young Lawyers Association entitled "Early childhood lead poisoning and crime" that examined the use of non-invasive bone lead testing as a possible mitigating factor in capital crime cases.

Dr. Jaclyn Cañas, Assistant Professor of Environmental Toxicology, was selected by the Lubbock Economic Development Alliance as a 2009 "20 Under 40" leader. This award recognizes outstanding professionals in the Lubbock area.

Dr. Cañas served on the Program Committee for the 30th National SETAC Conference in New Orleans, LA, held in November 2009. She was the co-chair of the Student Activities Committee.

Dr. Jaclyn Cañas is the faculty advisor of the TTU SACNAS Chapter which was recognized by National SACNAS at the national conference in Dallas, TX in October 2009 for the Chapter's Contribution to the SACNAS Mission with regards to Student Recruitment and Faculty Involvement. Dr. Jaclyn Cañas and **Dr. Celine Godard-Codding** were selected to participate in the inaugural TTU Institute for Inclusive Excellence sponsored by the Division of Institutional Diversity, Equity, and Community Engagement. The Institute for Inclusive Excellence provides a series of trainings to promote a great understanding of the academic value of diversity and equity among the TTU faculty. After completion of the Institute, the faculty participants will assist the Division of Institutional

Diversity, Equity, and Community Engagement in the development of activities and programs that advance the academic and professional climate for diversity and equity at TTU.

Dr. Celine Godard-Codding, Assistant Professor of Biochemical and Mechanistic Toxicology and Endangered Species Toxicology, has been awarded the 2009 UK – US Collaboration Development Award from the UK Foreign and Commonwealth Office, Department for Business, Innovation and Skills. Dr. Godard-Codding will work with Dr. Mike Depledge's European Centre for Environmental and Human Health to develop a long-term collaboration.

Dr. Godard-Codding also has been invited to join the International Whaling Commission's Pollution 2000+ Steering Committee and become a participant in its "risk assessment modeling and chemical prioritization for cetaceans: Pollution in the 21st Century" workshop.

Dr. Godard-Codding has been invited by the Chair of the National Research Council to serve as a reviewer for the National Academies Ford Foundation Fellowship Program.

Dr. Ron Kendall, Professor and Chair of the Department of Environmental Toxicology and TIEHH Director, was chosen to serve on the Governor's Blue Ribbon Committee for the 2010 Texas Environmental Excellence Awards. He will serve on the Selection Committee, which will review top finalists in several different categories. The awards are coordinated by the Governor's Office and the Texas Commission on Environmental Quality.

Dr. George Cobb, Professor in Department of Environmental Toxicology at The Institute of Environmental and Human Health (TIEHH), has been invited to participate in a scientific workshop focused on the Problem Formulation for Ecological Risk Assessments, sponsored by the Society of Environmental Toxicology and Chemistry. Dr. Cobb was chosen because of his expertise in evaluating exposures to environmental chemicals. He is one of approximately 40 scientists with multidisciplinary backgrounds who have been invited to attend the five day workshop in April 2010 at Pensacola, FL.



Dr. Celine Godard-Codding



Dr. Ron Kendall



Dr. George Cobb



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TIEHH Graduates Summer 2009

Deborah Carr	Ph.D.	Todd Anderson, advisor
Monique Long	M.S.	Jaclyn Canas, advisor
Arvind Purushothaman	Ph.D.	Seshadri Ramkumar, advisor

Fall 2009		
Cameron Gulley	J.D./M.S.	Todd Anderson, advisor
Rodica Vadan	Ph.D.	Stephen Cox, advisor

Spring 2010		
Kathryn Brausch	M.S.	Jonathan Maul, advisor
Changxia Shao	Ph.D.	Weimin Gao, advisor



TIEHH NEWS

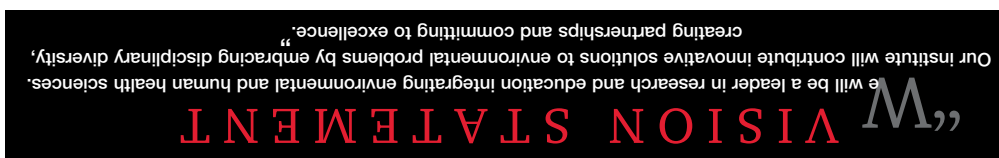
TIEHH conducted an international conference on "Advances in Textiles Machinery Nonwovens and Technical Textiles—ATNT," for the sixth time in Coimbatore, India. This year, TIEHH conducted this conference in collaboration with Bannari Institute of Technology, from December 7-9th in Coimbatore, India. Over 150 delegates from USA, India, Hong Kong-China, Egypt, Czech Republic, Italy participated. This conference brought all stakeholders, i.e. international academia, industry and Government of India on one platform to deliberate cutting-edge research and policies for the promotion and growth of technical textiles. This conference was inaugurated by Honorable Mrs. Panabaaka Lakshmi, Central Minister of State for Textiles, Government of India. Effort was made to establish a linkage between Plains Cotton Growers in Lubbock and the Indian textile industry. The conference received wide coverage in many broadsheet print media in India and Lubbock. Dr. Ramkumar served as the Organizing Secretary. Mr. Roger Haldenby, Vice President-Operations, Plains Cotton Growers, Lubbock visited India for the conference. The hallmark of this conference has been the special session on cotton, which attracted a lot of attention.

The Institute of Environmental and Human Health and TecniTex Nonwovens Pvt. Ltd. Bangalore, India, organized an International Symposium on Marketing & Technology of Technical Textiles in collaboration with Textiles Committee, India on 5th - 6th January 2010 in Mumbai. Dr. Ramkumar and Mr. Mallyah, Executive Director, TecniTex Nonwovens Pvt. Ltd, served as organizing secretaries.

Arvind Purushothaman working under the direction of Dr. Seshadri Ramkumar obtained PhD for his dissertation, "New Understandings on Moisture Vapor Transport of Fibrous Assemblies" in the December graduation. He is currently employed in Ahlstrom Corporation, Windsor Locks, CT, USA.

In December 2009, Dr. Seshadri Ramkumar was invited by Alagappa University, Karaikudi, India to deliver a special seminar on nonwovens. Seshadri Ramkumar was appointed as the Area Editor for the Journal of Engineered Fibers and Fabrics which is sponsored by four major associations in the field of textiles, which include, Association of the Nonwovens Fabrics Industry, American Association of Textiles Chemists and Colorists, Fiber Society and NET Division of TAPPI-USA.

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Dr. Jonathan Boyd

ALUMNI NEWS

Chris B. Pepper has been elected as a partner at Jackson Walker, LLP. Chris is employed at their Austin office in the Legislative and Environmental Practice Group. He has special expertise in TCEQ air quality and environmental permitting and represents numerous industrial facilities in Texas. Chris is also a registered patent attorney. Chris is a 2001 graduate of the Department of Environmental Toxicology where he obtained his Master's degree. He received his J.D. degree from Texas Tech's School of Law.

Jennifer Humphries Anderson, who graduated with her doctoral degree from the Department of Environmental Toxicology in 2007, received the 2009 AGRO New Investigator Award sponsored

by the American Chemical Society AGRO Division. Jennifer is currently a post doctoral scientist working on various research projects in the laboratory of Dr. Joel Coats at Iowa State University.

Jonathan Boyd, Assistant Professor in the C. Eugene Bennett Department of Chemistry in the Eberly College of Arts at Sciences at West Virginia University, has won a Defense Advanced Research Projects Agency (DARPA) Young Faculty Award. This award to allow him to develop and validate his "Natural Designs for Network Threat Analysis" research. Jonathan received his doctoral degree in 2004 from the Department of Environmental Toxicology.



Chris B. Pepper



Jennifer Anderson

STUDENTS NEWS

Kathryn Brausch, M.S. student under the guidance of Dr. Jonathan Maul, was awarded the SETAC / EA Engineering Jeff Black Award at the annual SETAC meeting in November 2009.

Lixia Chen has been awarded a Sigma Xi Grants in Aid of Research Award. Lixia is pursuing her doctoral degree under the advisement of Dr. Weimin Gao.

Jennifer Cole, has been awarded a Sigma Xi Grants in Aid of Research grant, which will provide funds for research supplies for her work on cytochrome P450 1A in the bottlenose dolphin. Jennifer is a doctoral student under the direction of Dr. Celine Godard-Codding.

Sudheer Jinka received a scholarship from the Industrial Fabrics Foundation (IFF). Judheer is a doctoral student working on industrial textiles under the direction of Dr. Seshadri Ramkumar.

Adcharee "Fa" Karnjanapiboonwong received a 2010 Environmental Chemistry Graduate Student Award from the Environmental Chemistry Division of the American Chemical Society (ACS), as well as a ACS Agrodvision Education Award. She has also received a Texas Tech Study Abroad Competitive Scholarship. Fa is pursuing her doctoral degree under the guidance of Dr. Todd Anderson.



Jennifer Cole



Sudheer Jinka



Adcharee "Fa" Karnjanapiboonwong

Changxia Shao has received the "Regulatory and Safety SS Student Travel Award" from the Society of Toxicology. Changxia is a doctoral student under the advisement of Dr. Weimin Gao.

Jiafan Wang, a doctoral student under the advisement of Dr. George Cobb, was awarded the ACS ENVR-SETAC NA Student Exchange Award at the annual SETAC meeting held in November 2009.

Jennifer Cole, Nina Dacko, Kaylyn Germ, Nikitha Gutha, Anna Hoffarth, Dave Kimberly, Babina Shrestha, Sandy Wiggins, Morgan Willming, Kim Wooten, and Greg Zychowski participated in LE-SETAC's primary education outreach by teaching over 150 first graders at a local elementary about the environmental and pollution.

Brett Blackwell, Jen Cole, Nina Dacko, Donn Edwards, Bryson Finch, Anna Gibson, Anna Hoffarth, Fa Karnjanapiboonwong, Dave Kimberly, Dawn Slekis, Scott Weir, Morgan Willming, and Greg Zychowski judged multiple science fair projects at local schools.

TIEHH students spent part of their time in February volunteering at the South Plains Food Bank.



Jiafan Wang



Dr. Seshadri Ramkumar



Nina Dacko



Dave Kimberly



Bryson Finch

FACULTY NEWS Cont.

Dr. Seshadri Ramkumar was named the Scientist of Year-2009, by the Achievement Rewards for College Scientists, Lubbock Chapter. ARCS credited Ramkumar for his decontamination wipe, "Fibertect," invention, which brought international recognition for TTU. President Guy Bailey of TTU introduced Ramkumar in the award gala on October 20th in Lubbock. Dr. Ramkumar made a presentation titled, "Fibertect: Mind to Market", in the award ceremony.

Texas Tech University System, USA awarded the Chancellor's Council Distinguished Research Award for TTU to Dr. Seshadri Ramkumar. Chancellor's Council Distinguished Research Award is the highest award given by Texas Tech University System to a faculty member who has excelled in research. TTU system awards a top researcher at each of its three component universities, TTU, TTUHSC and Angelo State University with this highest research award. The award was announced by TTU University System Chancellor Kent Hance in a news conference on Dec. 11, 2009. President Guy Bailey of Texas Tech Presented Dr. Ramkumar's accomplishments, which enabled him to receive the award.

Gerald H. Cross Alumni Leadership Award

Dr. Ronald J. Kendall has been awarded the Gerald H. Cross Alumni Leadership Award given by the Department of Fisheries and Wildlife Sciences at Virginia Tech University. This award recognizes achievement in leadership among department alumni.

Dr. Kendall visited Virginia Tech and the department in April where he delivered a seminar on leadership philosophy and interacted with faculty, staff and students. Dr. Kendall was honored for his more than 30 years of leadership in development of the field of wildlife toxicology.

Dr. Seshadri Ramkumar, was honored by the Textile Association of India, Ahmedabad Unit on January 8th in the conference on "Textile Industry: Innovations for Sustainability and Growth." held at Ahmedabad, India. Dr. Ramkumar was felicitated for his nonwoven accomplishments and his services to the technical textiles industry in India. Dr. P. R. Roy, former President of the Textile Association of India (TAI) presented Ramkumar with a silver plaque recognizing his recent achievements. TAI is the largest professional society in India in the field of textiles. Dr. Ramkumar delivered a lecture titled, "Indian Technical Textile Market Scenario: Opportunities, Scope & Challenges." in the conference. Some 400 technical and marketing professionals attended the event. Dr. Seshadri Ramkumar was invited by the Indian Textile Accessories & Machinery Manufacturers' Association to make a presentation on technical textiles in the seminar on Technical Textiles on January 7th in Mumbai, India.

Dr. Seshadri Ramkumar was elected as the Vice-Chairman of the Materials Interest Group of the American Association of Textile Chemists and Colorists and to the Board of the Safety and Protective Products Division of Industrial Fabrics Association International, USA.



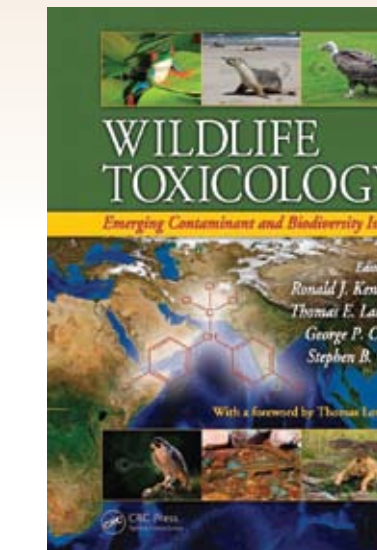
Dr. Kendall receiving the award from Dr. Gerald Cross at the awards ceremony at Virginia Tech University on April 6, 2010

TIEHH News Cont.

TIEHH has launched a monthly E-Newsletter. If you're interested in receiving this, please email tammy.henricks@tiehh.ttu.edu.

TIEHH scientists Ron Kendall, George Cobb and Stephen Cox, along with Dr. Tom Lacher (Texas A&M) have edited "Wildlife Toxicology: Emerging Contaminant and Biodiversity Issues", published by Taylor & Francis/CRC Press, available May 2010.

TIEHH has been chosen by the South Plains Workforce to receive the "2010 Future Workforce Award". This award is a result of our research and development efforts to develop a manufacturing method utilizing cotton and other natural fibers for use in emerging technologies and to ultimately create a skilled labor pool to meet current and future workforce demands.



Faculty & Student Support

We at TIEHH are working to extend our mission through development efforts directed toward new and enhanced projects and programs, with the goal of raising \$13 million. This will provide the opportunity to invest in the future and assuring a more secure and health environment. We are offering investment and naming opportunities in student scholarships and fellowships and faculty endowed chairs and professorships.

Scholarships and Fellowships

Graduate scholarships and fellowships help students pay for their education and are awarded to students with the highest academic qualifications. These permanent funds generate income that will grow in perpetuity. Having these funds available makes it possible for TIEHH to recruit the best and brightest students from around the world.

Endowed Professorships and Chairs

Endowed professorships and chairs are awarded to faculty in recognition of their pre-eminent research, teaching, and service. These permanent funds generate income that will grow in perpetuity. Income from these funds provides salary and research support that will enable scientists to develop their research program to pursue projects that will establish them as the leader in their fields.

Operational Enhancements

These funds are used to support program activities, including discretionary expenditures, such as endowed seminar series, pilot research studies, support for recruiting new faculty, alumni activities, TIEHH social activities, travel for grant development, publication costs, individual student stipends, and student travel to scientific meetings. They can be given to support general TIEHH activities or to support any one of our Strategic Focus Areas.

For more information on investment and naming opportunities, please contact:

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