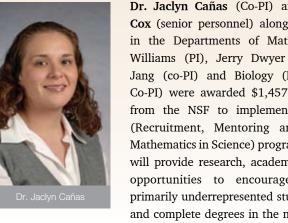
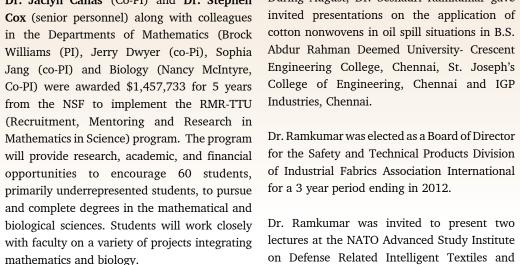
# **FACULTY NEWS**



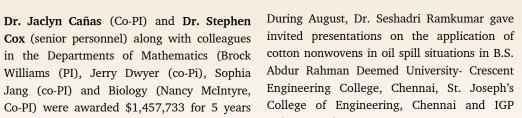




SACNAS (Advancing Hispanics/Chicanos and Croatia from April 6-16. He also served as Native Americans in Science) Conference in the member of the organizing committee and Anaheim, CA in September for her Service to the served as a session chair. During this trip, he Society in leading the efforts of TTU staff and also delivered an invited presentation at the students to host the 2010 Southwest Regional prestigious University of Zagreb, Croatia. SACNAS Conference at Texas Tech University in February 2010. Ninety-five regional conference Dr. Ramkumar has received continued support attendees from three states participated in poster for his cotton nonwovens research. Texas State sessions as well as professional development Support Program of the Cotton Incorporated sessions.

Countermeasures" was awarded a President's projects for FY 2011 totaling \$40,000. Book Award from the Office of the President of Texas Tech University, for 2009-2010. Editors Dr. Ramkumar has received continued funding are Drs. Ron Kendall, Steve Presley, Galen from The CH Foundation for his Fibertect Austin, and Phil Smith.

Dr. Seshadri Ramkumar was invited by the taken into market place by Virginia based First Confederation of Indian Industry, Trichy Unit Line Technology and manufactured by Waco and Karur Exporters' Association, India to based Hobbs Bonded Fibers. He also received conduct an interactive session on technical approval for \$54,323 funding from the USDA textiles in Karur, South India.



on Defense Related Intelligent Textiles and Clothing for Ballistic and NBC (Nuclear, Dr. Jaclyn Cañas was recognized at the National Biological, Chemical) Protection held in Split,

has continued support for two small projects totaling \$15,000 for the calendar year 2011. "Advances in Biological and Chemical Terrorism Texas Department of Agriculture continued two

> nonwovens research. He will receive \$55,000 for his work in 2011. Fibertect is currently through the International Cotton Research Center in the College of Agricultural Sciences and Natural Sciences.





# The Institute of Environmental & Human Health

FALL 2010 ISSUE

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### TIFHH's Green Initiative

materials. With recycling bins dotting the Institute, Tech University.

The Institute of Environmental and Human Health TIEHH's waste has decreased significantly. In has recently embarked on a Green Initiative in order addition to the increased recycling efforts, TIEHH to be an ambassador for the University in its quest has taken other steps to prioritize the environment, to be environmentally friendly in all facets possible. such as the planting of drought-tolerant plants and In this effort, the TIEHH Student Association has purchasing items made from recycled materials. As coordinated with the Green Queens, a local recycling we continue to improve upon these strategies, we are service, to eliminate the disposal of any recyclable sure to be the leaders of the Green Initiative at Texas

#### Society of Environmental Journalists

Texas Tech University will host the Society of reporting and significant issues of the region. In a

Environmental Journalists (SEJ) for its 2012 Annual press release about the Conference, President Guy Conference. The SEJ decided to hold its annual Bailey stated that the fact Texas Tech is hosting such meeting here after being in close contact with a prestigious conference is a testament to the kind of TIEHH director, Ron Kendall. Dr. Kendall became university we are becoming. interested in the Society of Environmental Journalists after reading an announcement about the recent "Not only is it a great opportunity for Texas Tech conference at Virginia Tech, his alma mater. The and West Texas to showcase what we do here, but SEJ board visited Dr. Kendall and his faculty in also it will have a positive economic impact on January to discuss the opportunity, and after seeing our region as these reporters are learning about the city, interacting with the community, as well as us. We are proud to host such a venerable group the faculty and administration across Texas Tech - especially in light of the current environmental University, and engaging in a lively environmental issues Texas Tech is investigating with regard to the debate that Dr. Kendall and his staff arranged, the oil spill in the gulf," said Bailey. board unanimously decided to hold their 2012 conference at Texas Tech University.

This conference will bring over 700 journalists, of itself will bring more importance to the tenor of public policy makers, scientists, and educators, the meeting. among others, to hold sessions about environmental

The Conference will be held October 3-7, 2012, just a month before presidential elections, which in and

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VISION STATEMENT

e will be a leader in research and education integrating environmental and human health science

FALL 2010

Cover: Kemp's Ridley Sea Turtle laying eggs, Padre Island National Seashore, Texas. Photo: P.N. Smith

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## TIEHH NEWS

TIEHH collaborated with Avinashilingam Deemed Lead Scientist, ARS-USDA, New Orleans, Chairman of this international event. This event received wide media research and product development. coverage in the prominent newspaper, THE HINDU.



India, Pakistan, Australia Agriculture Research.

and USA to discuss research collaborations and showcase the nonwovens and advanced materials laboratory capabilities. Dignitaries included the Joint

course tutor.

During the week of

osted a number o

for Cotton Improvement and Chairman of Kotak & edu. Company, Ltd, Chairman and members of Bajaj Steel, Ltd (Ginning machinery maker), Dr. Paul Sawhney,

University, India, and organized an International Karachi Cotton Association, Pakistan, Alfred Deakin Conference on Prospects of Technical Textile Sector on Professor Xungai Wang, Director, Center for Material August 16, 2010, in Coimbatore, India. Dr. Seshadri and Fiber Innovation and Dr. Rangam Rajkhowa of Ramkumar and Professor Vasugi Raaja of Avinashilingam Deakin University, Australia. These dignitaries visited the Deemed University served as the organizing secretaries for nonwovens laboratory and interacted with students on

The Institute of Environmental and Human Health was TIEHH co-hosted a nonwoven training workshop in awarded the "2010 Future Workforce Award" from South collaboration with the Association of Nonwoven Fabrics Plains Workforce in April. TIEHH was chosen as a result Industry, USA and TecniTex Nonwovens, Pvt. Ltd, of the research and development of a manufacturing India. This event was method utilizing cotton and other natural fibers for use held in Coimbatore on in emerging technologies which in turn created a skilled August 12-13, 2010. Dr. labor pool.

> Mr. Mallyah Marimuthu, During summer, applications of Fibertect evolved beyond Executive Director, the military sector. Cotton-Carbon Fibertect was found TecniTex Nonwovens to absorb crude and motor oil. Oil absorbing Fibertect coordinated the event. was featured in CNBC, NDTV- India, Texas Farm Bureau Or. Ramkumar served as video and mentioned in CNN twice. Major news media such as THE HINDU, Nonwovens Industry Magazine, and Specialty Fabric Review featured Fibertect prominently.



Secretary and Textile In October, Texas Tech and TIEHH were visited by a Commissioner, Ministry delegation of Iraqi government officials for a symposium, of Textiles, Government "Science and Technology Capacity Building in Iraq". The of India, Assistant purpose of the visit was to assist the Iraqi government with Director General of redevelopment of higher education and reconstruction of the Indian Council of science, technology, and engineering capacity.

President and Vice President of the Cotton Association TIEHH has launched a monthly E-newsletter that of India, Chairman and the Managing Director of Cotton highlights recent TIEHH events. If you are interested in Corporation of India, Chairman of the Indian Society receiving this, please email tammy.henricks@tiehh.ttu.

#### STUDENTS NEWS



Jennifer Cole has accepted the position of Vice- awarded a contract to perform with the Lubbock Chair for the Society of Environmental Toxicology Symphony Orchestra. Greg is a very talented to help direct student initiatives and activities, as contracts. well as liaison with other committees. Jennifer is working towards her doctoral degree under the Congratulations to Kim Wooten, Lisa Arneson, Darcy direction of Dr. Celine Godard-Codding.

presented a paper at the SETAC Regional Meeting Kristyn Urban, Scott Weir, Samuel Westbrook, in Junction, Tx, and participated in Primary Morgan Willming, and Shuangying Yu for helping Education Outreach at area elementary schools.

Muralidhar Lalagiri, a doctoral student working under direction of Dr. Seshadri Ramkumar, was Jennifer Cole, Scott Weir, Anna Gibson, Stephanie state of the art TSI Particulate Filtration Tester and chaperones at a local church in July. to evaluate the fine particle filtration capacity of many nonwoven fabrics. His research currently Congratulations to the following students for placing Fiber-Cotton Fabric Composites.



Master's: Hawa Abdi Lisa Arneson Kevan Athanasiou Samuel Hawkins Tamara Luna Matthew Trawick

Doctoral: Derek Faust Juliet Kinyua Jessica Oates Cait Ryan Sarah Webb Wenbin Zhu Zhonggang Li



August 2010 Raga Avanasi M.S. Todd Anderson, advisor Ph.D. Todd Anderson, advisor Adcharee Karnjanipiboonwong

December 2010 Ph.D. Weimin Gao, advisor Changxia Shao Roland Eshiet Ph.D. Ernest Smith, advisor M.S. Steve Presley, advisor Christena Stephens

and Chemistry North America Student Advisory violinist and competed against graduate music Council (SETAC NASAC). She will provide input majors, among others, to secure one of two

Chase, Derek Faust, Bryson Finch, Kaylyn Germ, Anna Hoffarth, David Kimberly, Juliet Kinyua, Jennifer also participated in the Komen Race, Jessica Oates, Stephanie Plautz, Caitlin Ryan, raise \$1265.00, for the 2010 Komen Lubbock Area Race for the Cure.

featured in the Lubbock Avalanche Journal on Plautz, Darcy Chase, Bryson Finch, and Kim Wooten September 26, 2010. Muralidhar is using the participated in education outreach to 38 students

involves the development and evaluation of Nano at the SETAC South Central Regional meeting held in April 2010: Adcharee Karnjanapiboonwong, 1st place poster, Darcy Chase and Dave Kimberly, Greg Zychowski, a Master's student under the tied for 2nd place poster, Anna Hoffarth, 2nd place advisement of Dr. Godard-Codding, has been platform, and Sandy Wiggins, 3rd place platform.

> Kathryn Brausch, who obtained her Master's under the guidance of Dr. Jon Maul, has been awarded a Texas Tech University Outstanding Thesis Award. In addition, two papers from her thesis have been accepted for publication in Environmental Toxicology and Chemistry.

Elissa Hernandez, a sophomore at Americas High School in El Paso, Texas, recently spent a week at

TIEHH in Todd Anderson's lab. Elissa was working on a science fair project on PAHs in seafood following the recent Gulf Oil Spill



#### STUDENT AWARDS

Since April, 2010, the following students have received awards, grants, fellowships and/or scholarships

Dr. Phil Smith

Dr. Steve Presley

Dr. Celine Godard-Codding

Dr. Celine Godard-Codding

Since April, 2010, the following students have received awards, grants, fellowships and/or scholarships:			
<b>Name</b> Vinay Allagadda	<b>Degree</b> MS	<b>Advisor</b> Dr. Greg Mayer	<b>Award</b> Jhamandas Watumull Fund
Sadia Almas	PhD	Dr. Stephen Cox	Paul Whitfield Horn Fellowship (TTU)
Brett Blackwell	PhD	Dr. Phil Smith	ARCS Foundation, Helen DeVitt Jones Graduate Fellowship (TTU)
Kathryn Brausch	MS	Dr. Jonathan Maul	Outstanding Thesis Award (TTU)
Darcy Chase	MS	Dr. Todd Anderson	Graduate School Water Conservation Research Fellowship (TTU), Funding to Aid Interdisciplinary Research (SETAC South Central)
Lixia Chen	PhD	Dr. Weimin Gao	TTU Graduate School Summer Thesis/Dissertation Award
Jennifer Cole	PhD	Dr. Celine Godard-Codding	Cash Family Endowed Fellowship (TTU), Funding to Aid Interdisciplinary Research (SETAC South Central) TTU Graduate School Travel Award
Richie Erickson	PhD	Dr. Stephen Cox	ARCS Foundation, Helen DeVitt Jones Graduate Fellowship

(TTU), EPA Star Fellowship

Texas Mosquito Control Association

SETAC/EA Engineering Jeff Black Award

TTU Graduate School Travel Award

Preston and Ima Smith Endowed Graduate Scholarship (TTU)

ARCS Foundation James "Gus" Foyle Memorial Scholarship.





Bryson Finch

Anna Gibson

Sandy Wiggins

Greg Zychowski





Oil Spill

In the wake of the April 20, 2010, Deepwater Horizon Gulf Dr. Ron Kendall has given dozens of interviews and of Mexico oil spill, researchers at TIEHH made multiple has appeared on numerous radio and television shows, trips to the coasts of Texas, Alabama, Louisiana, Florida, including ABC's Good Morning America, Nightline and and Mississippi to collect samples of sea life and oil.

the World News and NPR. In August, he appeared before the U.S. Senate Committee on Environment and Public Works, where he spoke to the committee on potential impacts the oil spill will have on wildlife, their habitats, and the environment, particularly as related to the heavy use of dispersants.

#### New Textbook

"Wildlife Toxicology: Emerging Contaminant and Biodiversity Issues" is a new textbook released in May 2010 by CRC Press/Taylor & Francis Group. Edited by Drs. Ron Kendall, George Cobb, Stephen Cox, and Tom Lacher (Texas A&M University), the book brings together a distinguished group of international contributors and provides a global assessment of environmental stressors and their impacts on wildlife populations. On CRC Press web page (crcpress.com) the book is already featured as an international best seller.

