10th Anniversary Open House Kicks Off Banner Year of Activity

It's a milestone not all partnerships reach. So, when over 60 attendees gathered on December 10th, 2009 at ECU's West Research Campus in Greenville to celebrate, their faces reflected the pride of accomplishment and the enthusiasm for a bright and active future.

At the core of the NC Agromedicine Institute's partnership are faculty and students of East Carolina University, NC State University and NC A&T State University. They welcomed friends and colleagues from the agricultural community, health care organizations, state agencies, and non-governmental organizations whose partnership has been critical to the success of the Institute.

The Open House featured exhibits giving visitors a flavor of the Institute's work addressing the health and safety risks of farmers, foresters, fishers, their families and communities. From basic research in the human metabolism of pesticides, to fishers giving “voice” to their safety concerns through photography, to helping farm children and youth stay safe through hands-on education, to providing timber safety training to emergency medical personnel, attendees got a sense of the rich landscape that is agromedicine.

Looking forward, the Institute is well positioned to continue its role of leadership in agricultural health and safety. Staff is engaged in addressing important issues such as pesticide exposure, farm equipment motor vehicle safety, reduction of on-farm safety hazards, safety and health insurance needs of fishermen, child health and safety in agritourism, student education in agromedicine, and professional discourse.

We invite you to join us in addressing these issues and others as we set sail for a future of success.
issue touch on the many health and safety interests of the agricultural community that Institute initiatives are tackling: rural roadway and farm equipment safety, AgriSafe health provider training and development of local services, Certified Safe Farm training and implementation of local on-farm safety reviews. The next issue will highlight a major effort of the Institute and its partners: hosting the 2010 National Institute for Farm Safety Annual Conference in Wilmington, NC on June 26-July 1, 2010.

NCSU Hosts Pesticide Safety and Health Training for State Agencies

On February 17, over 30 employees from the NC Department of Labor Agricultural Safety and Health Bureau, the NC Department of Agriculture and Consumer Services Structural Pest Control and Pesticide Division, and AgriSafe staff gathered for a professional development session focusing on pesticide safety and health. These state agency personnel are responsible for regulations affecting the safety of the agricultural workplace, including the safe use of pesticides. Their responsibilities sometimes overlap, and coordination of activities is a key to success. James Burnette, NCDA Pesticide Division Director and Regina Luginbuhl, NCDOL ASH Bureau Chief opened the session by providing an overview of regulations and showcasing a new safety video on hazard communication. Dr. Wayne Buhler, NCSU Pesticide Safety Education Program Coordinator highlighted many safety education initiatives for pesticide applicators. Sheila Higgins, Occupational Health Nurse with the NC Department of Health and Human Services Division of Public Health presented the Pesticide Illness Surveillance Program and provided advice on how to refer cases and coordinate information follow-up. Julia Storm of NCSU Toxicology covered the topic of pesticide toxicology. Afternoon sessions involved interactive exercises. Catherine LePrevost of NCSU Toxicology demonstrated new pesticide safety resources for Spanish-speaking farmworkers. Robin Tutor, of the Institute and AgriSafe of North Carolina, and Barbara Gallagher and Karen Sirucek of AgriSafe of CommWell Health facilitated exercises on selecting personal protective equipment.
Sharing the Road: Farm Equipment and Motor Vehicles

The Institute partnered with NC Farm Bureau to conduct a Farm Equipment Motor Vehicle Roadway Safety Conference on Thursday, April 8 at NC Farm Bureau’s office in Raleigh. The day-long conference presented many perspectives on this safety issue of critical concern to farmers.

The impact of the safety issue was brought home at the outset of the conference as Sean Harding of Southside Farms shared his family’s personal experience of loss. Presenters went on to share the latest research and incident statistics, as well as the perspectives of federal, state, and local agencies, law enforcement and insurers. Effective safety education programs conducted by NC Cooperative Extension, NC Department of Labor, and the Governor’s Highway Safety Program were shared.

The goal of the conference was to identify the extent of farm equipment and motor vehicle safety problems in the state of North Carolina and to discuss with partners how to best address these problems at a state, regional and local level. After the presentations, participants were divided into groups to prioritize problems, discuss future opportunities for collaboration on identified solutions and to identify other organizations/resources that might be available to assist with solutions.

Presenters included: Richard Blaylock, District Director, US Department of Labor, Wage Hour Division, Cliff Braam, Engineer, NC Department of Transportation Safety Division, Steve Brinn, Regional Claims Manager, NC Farm Bureau Insurance, Theresa Costello, PhD., Center for Holistic Transformation, Social Research and Action, Bryan Crook, Senior Executive, NC Farm Bureau Mutual Insurance, Sean Harding, Southside Farms, Norman Harrell, Agriculture Extension Agent, Wilson County Cooperative Extension, Regina Luginbuhl, Agricultural Safety & Health Bureau, NC Department of Labor, Don Nail, Asst. Director, Governor’s Highway Safety Program, Eric Rodgman, MPH, UNC Highway Safety Research Center, and Michael Schulman, PhD., NC State University.

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Storm Damage and Salvage Safety Video Available

The video was made possible with support from Timber Harvesting and Transportation Safety Foundation, Forestry Mutual Insurance Company, NC Association of Professional Loggers, Inc., the NC Agromedicine Institute, Cobbler Logging, Ricky Brewer Logging, and Virginia Carolina Timber. Members of NC Association of Professional Loggers, Inc. and insured businesses with Forestry Mutual Insurance Company can obtain the video from those organizations at special pricing.

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Child Health and Safety in Agritourism

Free Open House and Workshop -
TUESDAY, SEPTEMBER 14 • 10 am - 2 pm
Lazy O Farm, Smithfield
RSVP by Wednesday, September 1st

to Marylee Lannan: lannanm@ecu.edu or 252.744.1008
**CALENDAR**

**September 1, 2010:** Deadline to RSVP for Child Health and Safety in Agritourism at Lazy O Farm; contact Marylee Lannan: lannanm@ecu.edu or 252.744.1008.

**September 1, 2010:** Deadline to apply for FS4JK Farm Family Safety Grant; Contact Shari Burgus at shari@fs4jk.org; www.fs4jk.org.

**September 14, 2010:** Child Health and Safety in Agritourism Open House and Workshop at Lazy O Farm, Smithfield, NC, http://www.ecu.edu/ncagromedicine/.

**September 17, 2010:** Early Registration ENDS for 2010 AgrAbility National Training Workshop, the premier training event addressing issues of disability in agriculture. Visit www.conf.purdue.edu/agrability/. No onsite registration.

**September 17, 2010:** Early Registration ENDS for 23rd East Coast Migrant Stream Forum, http://www.ncchca.org/369989.ihtml.


Robin Tutor, MPH, OTR/L  
Interim Director  
tutorr@ecu.edu

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Editor: Julia Storm, NC State University  
Managing Editor:  
Robin Tutor, NC Agromedicine Institute  
Contributors: Deirdre Mageean, ECU News Services, J.J. Lemire, Julia Storm, Robin Tutor  
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Correspondence: Julia Storm julia_storm@ncsu.edu; 919.515.7961

NC Agromedicine Institute  
www.ncagromedicine.org • 252.744.1000

INSTITUTE MEMBERS  
East Carolina University  
NC A&T State University  
NC State University

NORTH CAROLINA PARTNERS  
NC Cooperative Extension  
NC Departments of: Agriculture & Consumer Services  
Environment & Natural Resources  
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CommWell Health

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East Coast Migrant Head Start Project  
Farm Safety 4 Just Kids

Printed on recycled paper with non-state funds; 500 copies of this newsletter were printed at a cost of $560 or $1.12 per copy.
Agricultural Medicine Course is a First for the South

In early December 2009, the Institute offered the week-long Agricultural Medicine core course in Greenville. “This is the first year the agricultural medicine course has been offered anywhere in the South. We have physicians, nurses, extension agents, fire and rescue folks—just all kinds of people here—learning about respiratory diseases, skin diseases and other exposures and health hazards farmers and farm workers are at risk for,” said Robin Tutor, interim director of the North Carolina Agromedicine Institute.

Sally Messick, a family nurse practitioner in rural Hyde County, was one of 34 participants from three southeastern states to participate. “I’m the only health-care provider in Hyde County right now,” she said. “To have this training offered so close is wonderful.”

The course prepares health providers with the knowledge and skills to offer AgriSafe health services—occupational health screenings and assistance in selecting personal protective equipment such as respirators. Fifteen participants sat for the course exam, all of whom passed.

While participants spend most of the course in a conference setting, they also tour a real working farm where they can see potential hazards first hand. Participants visited Stancill Farms, a family owned, 4,500-acre, row-crop operation near Gardnerville, North Carolina.

Along with many faculty from ECU and NCSU, the course also drew experts from all over the United States to serve as presenters. The institute was particularly honored to welcome Michael C.R. Alavanja, DrPH, of the National Cancer Institute, and a team of AgriSafe pioneers from Iowa, including the program's founder, Dr. Kelley J. Donham.

“It’s very rewarding to see this course being offered here in North Carolina,” said Donham. “I’ve been working with the folks here for about 12 years, since they were just starting to think about forming an institute. If you think about an investment, of time or money, and you hope to get a return, this has been a fantastic return on investment.”

Iowa’s LaMar Grafft highlights equipment safety during the Stancill Farm visit.

Carolyn Sheridan, AgriSafe Network Clinical Director and course instructor and course coordinators Kelley Donham, Director of Iowa’s Center for Agricultural Safety and Health, and Robin Tutor, Interim Director of NC Agromedicine Institute share a commitment to the agricultural community.

Carolyn Sheridan demonstrates a half-face respirator with participant Sharon Brown of CommWell Health.
Dr. Tom Irons Brings Wealth of Experience and Service to Agromedicine

Known for his bowtie and renowned as a pediatrician, Dr. Tom Irons is no stranger to the health needs of rural eastern North Carolina.

As a physician, Professor of Pediatrics and Associate Vice Chancellor for Health Sciences at East Carolina University’s Brody School of Medicine, Medical Director of Health Assist, and Co-Medical Director of the Community Care Plan of Eastern North Carolina, Dr. Irons encounters these needs on a daily basis and works diligently to address them.

A native of Greenville, Dr. Irons has only lived away from the area for a short time during his nearly 40 year career. He counts among his closest friends some of Pitt County’s largest farmers and serves as volunteer Medical Director for the NC Agromedicine Institute. Still this busy physician took time to assist with planning for the Institute’s first Agricultural Medicine course and to participate in the week-long event.

‘I was reminded that there truly is a marked difference in rural vs. agricultural medicine,’ Dr. Irons said. ‘Being able to get out on the farm, see the different types of equipment, and talk to the farmer was a great help’. When asked if he would be willing to share this insight with other physicians at the 2010 North Carolina Academy of Family Practice’s annual meeting, Dr. Irons gladly accepted. ‘Absolutely’, he said. ‘It’s an important subject and I’m happy to share.’

2010 Farm Show Exhibit Features AgriSafe, Certified Safe Farm and Tractor Safety

Gallagher shares Certified Safe Farm information with Jerry and Pam Schill. Jerry is the former president of the NC Fisheries Association.

AgriSafe of CommWealth Health nurse Barbara Gallagher and outreach worker Karen Sirucek offered health screenings and information to Farm Show attendees.

Visit www.necasag.org for National Farm Safety and Health Week info and PSAs.