Spotlights

Scott Glenn Named New Jersey CASE Professor of the Year

Scott Glenn (Marine Sciences) won the coveted 2010 New Jersey Professor of the Year award presented by the Carnegie Foundation for the Advancement of Teaching and the Council for Advancement and Support of Education (CASE). Glenn led a team of faculty scientists and undergraduate students on the successful Atlantic crossing of RU27, the unmanned, robotic, underwater glider that made history in oceanographic exploration. Rutgers students from the schools of Environmental and Biological Sciences, Arts and Sciences, and Engineering were integrally involved in the mission—from managing mission control at the Institute of Marine and Coastal Sciences (IMCS) to documenting the trans-Atlantic flight of the glider. The CASE award, “the only national program to recognize excellence in undergraduate education,” honored Glenn and 45 other state winners, and four national winners at a November 18 luncheon at the W Hotel in Washington, DC. Glenn also attended a CASE reception at the Folger Shakespeare Library and met with members of the New Jersey congressional delegation. Read more.

American Littoral Society and New Jersey Sierra Club Honor Michael Kennish

Michael Kennish (Marine Sciences) was the recipient of two significant honors in as many months. The American Littoral Society presented Kennish with the prestigious 2010 Graham Macmillan Award, an annual honor to “an individual or group for exceptional contributions to marine conservation and science.” The award was announced on October 23 at the society’s 49th annual meeting in Montauk, New York, by Executive Director Tim Dillingham, who said, “Dr. Kennish’s work on estuarine and coastal ocean ecosystems, Eutrophication, and water quality issues and the development of new tools to inform and support effective coastal resource management is nationally recognized.” Read more. Kennish also received the 2010 Outstanding Achievement Award from the Sierra Club of New Jersey for work conducted on estuarine and coastal ocean environments in New Jersey, in particular his environmental research on Barnegat Bay. This statewide award was presented at the Sierra Club’s achievement award ceremony held in Princeton on November 14. Read more.
2nd Anniversary of Food Innovation Center

The Rutgers Food Innovation Center (FIC) marked its second anniversary on October 25 with a special event, “Tribute to the Past, Present and Future of Food Innovation in the Garden State.” According to Margaret Brennan-Tonetta, associate vice president for economic development at Rutgers University, “Since the center opened in 2001, and even more so since the food business incubation facility was opened two years ago, the Food Innovation Center has been a catalyst for new businesses and economic development in the state and the surrounding region.” Several of the more than 1,000 food companies that have benefited from the center’s incubation services were on hand to participate in the celebrations. These incubated businesses included Schär USA, a leading European producer of gluten-free products that recently completed commercial runs of its first U.S.-made frozen gluten-free breads and will soon begin production of gluten-free bagels. In addition, First Field, a producer of gourmet ketchup and Twin Hens, a producer of gourmet pot pies, offered samples of their food products that were developed at the center and shared with the audience the benefits they derived from being clients of the FIC. The successes of the FIC and its clients were acknowledged by numerous special guests at the event, including New Jersey Secretary of Agriculture Douglas Fisher; U.S. Congressman Frank A. LoBiondo; Assistant Deputy Administrator of Cooperative Programs, USDA Rural Development Andrew Jermolowicz; State Director of USDA Rural Development Howard Henderson; representatives for U.S. Senators Frank Lautenberg and Robert Menendez; and Mayor of Bridgeton Albert B. Kelly. During the anniversary event, these dignitaries and others also took part in a ceremony honoring the center’s recent award of a $225,000 USDA Rural Cooperative Development Grant to establish a program to support the development of cooperative organizations throughout New Jersey. Read more.
Spotlights

Launch of Let’s Move! Newark Campaign
On October 20, Rutgers Rutgers Transitional Education and Employment Management - T.E.E.M. Gateway and other community partners joined Newark Mayor Cory A. Booker and local agencies at a City Hall launch of the Let’s Move! Newark campaign. The goal of the campaign is to increase physical activity and healthier eating choices for children as well as encourage the participation of adults in the city. It’s modeled after First Lady Michelle Obama’s Let’s Move! national campaign, aimed at reducing national childhood obesity within a generation. T.E.E.M. Gateway Director Kenneth Karamichael (Rutgers NJ AES Office of Continuing Professional Education), who chairs the childhood obesity/health committee of the Newark Youth Policy Board, helped to coordinate the press conference that launched the Newark campaign. T.E.E.M. Gateway is facilitating the outreach and education components of the campaign and has developed the www.letsmovenewark.org website, which includes a pledge toward a healthier lifestyle that all participants and youth are encouraged to sign. In addition, T.E.E.M. Gateway created a public service announcement video in support of the Mayor’s campaign.

Cook Campus Wins RU Energy Challenge
The George H. Cook Campus was the winner of the Electric Energy Reduction Competition for 2010, sponsored by University Facilities and Capital Planning, Rutgers Campus Deans, and PSE&G. The “Campus versus Campus Energy Competition” was held October 1–31. The winner was determined by the percentage of reduced electrical energy used for the month of October this year compared to the same period last year. A trophy, presented during halftime at the Rutgers vs. Syracuse football game on November 13, was presented to representatives of the George H. Cook Campus.
Spotlight  

Gleaning To Support Local Food Banks

Rain – and the threat of possible thunderstorms – didn’t deter a contingent of students, faculty, and staff from taking part in the ancient practice of gleaning at Giamarese Farm in East Brunswick in late October, permitting them to give back to the community. More than 20 enthusiastic gleaners from the George H. Cook Campus of Rutgers University spent the morning in the fields, harvesting 60 baskets of peppers in a patch that had been set aside by owner Jim Giamarese for the event. The peppers were destined for area food banks, including Elijah’s Promise and the Franklin Food Bank.

The event was reported extensively by local media, including the Home News Tribune and other Gannett newspapers, the Star-Ledger, NJ N television, WMBC-TV, WCTC Radio, and the Daily Targum, Rutgers’ student-run newspaper. Larry Katz (senior associate director, New Jersey Agricultural Experiment Station - NJAES; director, Rutgers Cooperative Extension; and co-executive director of Rutgers Against Hunger – RAH) and Jack Rabin (director of farm programs for the New Jersey Agricultural Experiment Station - NJ AES) were quoted liberally in the accounts.

Chelsea Simkins (undergraduate, Environmental Policy, Institutions and Behavior and president of the Cook Chapter of Alpha Zeta honors and service fraternity) was interviewed on camera by NJ N. The students at the gleaning were primarily members of Rabin’s sustainable agriculture class, and members and alumni of Alpha Zeta.

The Star-Ledger quoted Katz as saying, “It’s amazing how many kids are going to school hungry in New Jersey, and that’s not conducive to learning.” The newspaper went on to say: “He added that as part of the state university, improving the quality of life for residents is central to the organization’s mission.” Farmers Against Hunger and RAH were the sponsors of the gleaning, which was organized by the Office of Community Engagement at the School of Environmental and Biological Sciences and the (NJAES). Read more.
Faculty and Staff Activities and Accomplishments

Margaret Brennan-Tonetta (associate director, New Jersey Agricultural Experiment Station - NJAES) has been named Associate Vice President for Economic Development in the Office of the Vice President for Research and Graduate and Professional Education at Rutgers.

In announcing her appointment, Rutgers Vice President for Research and Graduate and Professional Education Michael Pazzani said that her role is to “create an “engaged university” which brings the diversity of expertise from across the university to bear on the economic issues and concerns of the state.” Brennan-Tonetta will establish the Office of Economic Development (OED) whose responsibilities will include:

- Leading the development of the Rutgers Technology Park on Livingston Campus
- Coordination of economic development programming throughout the university
- Creation of state-wide, sector-based programs that link university programs and relevant units, business incubators, state and federal partners, to provide a comprehensive approach to economic and community development
- Engaging units throughout the university to participate in economic development activities using the NJAES research-extension model
- Providing analytical capabilities such as impact assessment studies of Rutgers programs and relevant state industries; creation and maintenance of an impact tracking database; and assisting faculty with economic analysis for grant funded projects

In addition to her new, university-wide responsibilities, Brennan-Tonetta will continue to lead economic development initiatives at the NJAES, including the Rutgers Food Innovation Center where she provided leadership and strategic direction as its founding director. In addition, she will continue to provide administrative oversight of existing initiatives such as the Rutgers EcoComplex, the Center for Advanced Food Technology, the Multispecies Aquaculture Demonstration Facility, and the NJAES Technology Transfer program. Her academic research is in the area of alternative energy economics and policy. She completed the first statewide assessment of biomass energy potential for New Jersey, which formed the foundation for the bioenergy strategy in the 2008 New Jersey Energy Master Plan.

Chad Ripberger (4-H agent; department head of Rutgers Cooperative Extension of Mercer County) was honored with the Northeast Regional Award for Excellence in Extension at the 123rd Annual Meeting of the Association of Public and Land-grant Universities (APLU) on November 14. The highest regional honor for extension programming by APLU, the award recognizes a select group of Cooperative Extension System educators for outstanding extension programs that make a positive impact on constituents and for providing visionary leadership for the system. Ripberger was the sole Northeast winner of the annual award to individuals who have strived throughout their career to achieve the benchmarks that reflect excellence in extension educational programming. Read more.
Cisco Werner (director, Institute of Marine and Coastal Sciences-IMCS) has been named Director of NOAA’s Southwest Fisheries Science Center in La Jolla, CA. Werner, who has served as IMCS director since 2008, begins his new position on January 3. He’s led a number of noteworthy efforts at IMCS, including the development of the conceptual design and plans for a Coastal Climate Collaboratory in which scientists will participate in collaborative research and conduct experiments to evaluate and understand changing coastal systems. In addition, Werner assembled an excellent team to establish the Implementing Organization of Education and Public Engagement element for the Ocean Observatory Initiative (OOI) at Rutgers. OOI is a pending effort that aims to translate marine environmental data into information that can be readily used by students, educators, and resource managers. Read the press account of Werner’s new responsibilities at NOAA’s Southwest Fisheries Science Center here.

Master Gardeners Annual Fall Conference
The Fall Master Gardener Conference was held on the Rutgers New Brunswick Campus last month, attracting over 370 attendees to this annual event. Hosted by the Master Gardeners Association of New Jersey (MGANJ), the educational sessions at the conference provided active, certified Master Gardeners with an opportunity for continued professional development. The Master Gardener program trains volunteers in horticulture, home pest control, and environmental resources, among other topics. Upon completion of their training, volunteers assist Rutgers Cooperative Extension in its mission to deliver science-based information to the general public. Last year alone, 18 county-based programs trained 369 new Master Gardener interns. Certified Master Gardeners may continue their involvement in educational and service-oriented outreach programs to retain their status. A total of 2,384 Certified Master Gardeners provided 157,809 hours of service during the past year, valued at nearly $3.9 million. Established in 1984, the program has trained 6,220 volunteers since its inception. These volunteers have provided 1.52 million volunteer hours, valued at over $25 million. MGANJ comprises representatives from each of the county Master Gardener programs, and includes designated Rutgers Cooperative Extension faculty and staff.

Daniela Sharma (Animal Sciences), who was nominated for the Faculty/Staff of the Month Award by the Scarlet Knight National Residence Hall Honorary Chapter, was honored for the month of October. Sharma was recognized by one of her advisees as “an outstanding member of the Rutgers community.”

Paul Falkowski (IMCS; Earth and Planetary Sciences) has been awarded the prestigious Albert I of Monaco Commemorative Medal. The award will be presented in Paris at the centennial anniversary of the Institut Océanographique. Past recipients include Kenneth O. Emery, Canadian pioneer marine geologist and Jacques Cousteau, renowned French oceanographer.

Barbara Turpin (Environmental Sciences) was presented the Sinclair Award by the American Association for Aerosol Research at its annual conference, held in Portland, OR, October 25-29. The David Sinclair Award recognizes sustained excellence in aerosol research and technology.
by an established scientist still active in his/her career. In addition, Turpin was elected Vice President-elect of the American Association for Aerosol Research.

Christopher Uchrin (Environmental Sciences) was elected Vice Chair of the Planning Board and Board of Adjustment, Lebanon Borough, NJ.

Joan Bennett (Plant Biology and Pathology) was made an Honorary Professor of Yunnan University in Kunming, China, in October. The award was made by Ke-Qin Zhang, director of the Key Laboratory of Yunnan Province for Conservation and Utilization of Bio-Resources.

Student Activities and Accomplishments

Landscape Architecture Students Visit US Virgin Islands

Twelve students from the Department of Landscape Architecture visited St. Croix, U.S. Virgin Islands, in August to conduct a landscape design study for a proposed Marine Research and Education Center on the site of the Salt River Bay National Historical Park and Ecological Preserve. Rutgers University is part of a consortium called the Joint Institute for Caribbean Marine Studies, which includes the University of the Virgin Islands, the University of North Carolina-Wilmington, and the University of South Carolina. Read more on the project by St. Croix’s Governor John P. de Jongh, who thanked the Rutgers students in a Government House blog.

Below is an account of the trip, from the perspective of the 12 students. The account was provided by Holly Nelson (instructor, Landscape Architecture).

“Students from the Rutgers Department of Landscape Architecture visited St. Croix at the end of August to study the Salt River Bay park and to learn about the island. During the fall 2010 semester, the Landscape Architecture studio class will create conceptual site plans for the proposed Marine Research and Education Center at the park. In order to create plans that fit this unique environment, twelve students took five days from their summer break to investigate the National Park sites, the natural and cultural heritage of the island of St. Croix, and the ideas and attitudes of the local communities.

Our trip spanned from Monday to Friday. Joseph Ames, “Taxi Driver of the Year,” met us at the airport. He was a wonderful guide who brought us to local restaurants and was always on time (early!) to take us to meetings. We stocked up on water and snacks at the Pueblo Market on the way to the Arawak Inn. We decided to stay at the Arawak Bay Inn because it is so close to the park. That was a lucky decision! In addition to being close to the park, the Arawak Bay Inn is exceptionally comfortable. Jennifer and Lionel at the Inn went out of their way to...
The tour kicked off on Monday morning. After breakfast, our group of fourteen (including two staff members from Landscape Architecture) and invited guests, met at the Amara & Hotel to begin our tour of St. John. We started the tour by taking a bus to St. Thomas to board the ferry at the Charlestown Ferry Terminal. We rode the ferry to St. Croix, where we would spend the next four days. Once we arrived in St. Croix, we were greeted by our hosts from the National Park Service. We were then taken on a tour of the island, where we visited the historic town of Christiansted and the National Park Service headquarters. We also had the opportunity to explore the natural beauty of the island, including hiking in the rainforest and swimming in the ocean. Throughout the week, we had the chance to interact with locals and learn about the history and culture of the Virgin Islands. On our last day, we had a farewell dinner at a local restaurant, where we enjoyed delicious food and lively conversation. Overall, it was an amazing experience, and we hope to return to the Virgin Islands in the future.
Edgar Lake, historian with the University of the Virgin Islands, and colleague Wanda Mills Bocachica met the Rutgers group at the Arawak Bay Inn to speak to us about the importance of the landscape as a site of struggle to some Crucians. Lake explained that the competing interests had potential points of reconciliation in bloodlines and in the dignity and obligation that comes from working the land. He spoke about mult centeredness and pluralisms nurtured on a small island. He hoped that the park could become a test pilot for a new kind of framework of reconciliation.

On Thursday, we toured the dry eastern end of the island and the city of Christiansted. The Rutgers students explored the street arcades, the interior plazas found mid-block, and they began to recognize the blend of Danish urban form and Crucian use of public space. We also attended a public meeting at Castle Nugent, a historic Danish overseer's plantation villa at National Park Headquarters, and spoke with Joel Tutein and local dignitaries. We finished our trip with a last visit to the Salt River Bay park.

There's no way to understand St. Croix without visiting; and once you make that visit, you'll want to come back! The landscape is varied and layered with history, and the people could not be more gracious. We hope that our conceptual designs will help to inspire and inform the creation of the proposed Marine Research and Education Center as a unique facility within the national park. We hope that the many Crucians who taught us about the Salt River Bay park will continue to instruct us so that the proposals we develop can effectively blend the National Park System mission with the local needs and culture.”

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On November 17, Thomas Woltz, of the award winning design firm Nelson Byrd Woltz, Landscape Architects, came to Rutgers to speak to the senior Landscape Architecture studio about the students' conceptual site designs for the proposed Marine Research and Education Center in St. Croix. Woltz's review not only provided specific suggestions to individual student projects but also inspired new ways of thinking about the role of design to inspire community stewardship and serve as a vehicle for positive change.

He noted that this relatively new field will become increasingly important in the practice of landscape architecture and can be part of what makes a powerful and beautiful landscape.

Above and at left, Thomas Woltz listens to student presentations in Blake Hall.
Maria Agapito (Graduate Program in Neuroscience) in Dr. Dipak Sarkar's laboratory (Animal Sciences) received a graduate student Travel Award to present the abstract titled "Evidence for PER2 mediation of postnatal alcohol induced alteration of metabolic sensing in the hypothalamus of mice" at the Society for Neuroscience 2010 meeting in San Diego, CA. This award honors outstanding graduate students and helps to defray travel expenses by providing a stipend and waived registration fees. Awardees are chosen based on the scientific merit of the abstract, academic excellence, research quality, and letters of nomination from the principal investigator.

On November 2, Shunondo Basu, Erik Taylor, and Joe Martucci (undergraduate students, Meteorology) hosted a visit by Girl Scout Troop 40894 of Cranford, NJ. The students conducted a tour of the WeatherWatchers TV broadcast studio and answered questions about weather and climate. Troop leader, Tina McGrath, provided the following testimonial the very next day: “This morning I received several calls and emails from parents who were so impressed with last night's presentation. Overall, the night was a huge success and our expectations were greatly exceeded. I cannot thank Shunondo, Erik, and Joe enough for their hard work and enthusiasm.”

Back row, L-R: Erik Taylor, Shunondo Basu, and Joe Martucci from the School of Environmental and Biological Sciences pose with the Girl Scout troop at the WeatherWatcher studio

Christina Speciale (undergraduate, Meteorology) presented “Characteristics of soundings associated with severe weather affecting the ConEdison service territory” at the 12th Northeast Regional Operational Workshop, in Albany, NY, on November 3. The presentation covered work performed as a research intern in the Student to Professional Internship Network - SPIN program, under the supervision of Steven Decker (Environmental Sciences).
Luni Shen (graduate student, Food Science) was awarded the Daun Family Endowed Graduate Student Prize of $1,200 in October.

Siddhi Thakkar (graduate student, Food Science) was awarded the Robert T. Rosen Memorial Scholarship of $5,000 in October.

Andrew Draganski (graduate student, Food Science) is a finalist in the 2011 American Chemical Society’s Agricultural and Food Chemistry Division Withycombe-Charalambous Graduate Student Symposium to be held in conjunction with the 241st American Chemical Society meeting in Anaheim, CA, from March 27–31. Presentations of the final papers will be given at the Symposium of the Agricultural and Food Chemistry Division and selection of the 2011 Graduate Research Award winners will be announced.

Nine Landscape Architecture students submitted their contribution as part of the New Jersey Institute of Technology (NJIT)/Rutgers Team New Jersey for the Solar Decathlon 2011 competition—an initiative by the U.S. Department of Energy challenging 20 collegiate teams to design, build, and operate solar-powered houses that are cost-effective, energy-efficient, and attractive. The students created a modular deck and planting design, providing a series of ADA-accessible outdoor spaces while using materials and plant species that reflect the theme “Jersey Shore.” The landscape architecture should further accent and complement the architectural design of the house.

Maryanna Tosi (graduate student, Nutritional Sciences), Emily Bostrom, Nicole Halilsey, and Peggy Policastro (Nutritional Sciences) presented “Beverage consumption and estimated calorie content among college students” at the 2010 Food and Nutrition Conference and Exhibition of the American Dietetic Association, in Boston, MA, in November.


2010 Fatty, Fatty Two-By-Four: Weight teasing history is associated with disordered eating behaviors in healthy young adult women. *Journal of the American Dietetic Association,*** 110:A43.


Five students in the **Graduate Program in Plant Biology** took home awards from the 2010 Annual Meeting of the Crop Science Society of America held in Long Beach, CA, from October 31-November 3. **Lisa Beirn** won first place for her talk titled “Single Nucleotide polymorphisms in Colletotrichum cereale: A method for detecting unique isolates of the turfgrass anthracnose fungus.” **Matthew Koch** won first place for his talk titled “Correlation of three salinity tolerance screening methods.” **Emily Merewitz** won second place for her oral presentation titled “Drought responsive proteins in ipt transgenic creeping bentgrass.” **Priti Saxena** received third place for her talk titled “Effect of photoperiod and temperature on tillering rate and rhizome formation in tall fescue.” **Yan Zhao** took first place for her poster “Identification of proteins associated with drought tolerance and post-drought recovery in Kentucky bluegrass.”

**Ari Novy** (Graduate Program in Plant Biology) was an invited speaker at the 3rd International Metasequoia Symposium at the Osaka Museum of Natural History in Osaka, Japan. Novy presented on the history of Metasequoia research at Rutgers, with emphasis on the work of the late John Kuser (Ecology, Evolution, and Natural Resources), and results from on-going Metasequoia genetic diversity studies.
Joseph Roberts (Graduate Program in Plant Biology) took third place at the 2010 Annual Meeting of the Crop Science Society of America for his oral presentation titled “Anthracnose disease and ball roll distance influenced by light-weight rolling and equipment traffic.”

Donald Walker (Graduate Program in Plant Biology) won the Mycological Society of America International Travel Award, Mycological Society of America Everett Lutrell Mentor Student Travel Award, and Mycological Society of America Backus Award at the annual Mycological Society of America meeting in Lexington, KY. In addition, Walker won the C. Reed Funk Student Award from Rutgers University.

Grants and Gifts
A complete list of grants received can be found here.

Michael Chikindas PI (Food Science) was awarded $100,000 by the Bill and Melinda Gates Foundation Award in Grand Challenges in Global Health (Round 5), for “The natural spermicidal antimicrobial subtilosin.” The duration of the grant is 18 months. The official announcement is available at http://www.grandchallenges.org/explorations/Pages/GrantsAwarded.aspx.

Kit Yam PI and Karen Schaich co-PI (Food Science) were awarded $180,000 by Berry Plastics and the U.S. Department of Defense for “Food preservation and enhancement with advanced packaging concepts,” from July 1, 2010–September 31, 2011.

Nicholi Vorsa (Plant Biology and Pathology) received a four year, $558,622 award from the NIH for his project “Molecular basis for caries-inhibiting effects of cranberry flavonoids.” This project is in collaboration with the University of Rochester.

Bruce Clarke and James Murphy (Plant Biology and Pathology), along with graduate students Chas Schmid and James Hempfling (Plant Biology and Pathology), received a three year, $60,000 award from the US Golf Association in support of their project “Development of best management practices for anthracnose disease on annual bluegrass putting green turf.”

Ning Zhang and Bruce Clarke (Plant Biology and Pathology) received a three year, $60,000 award from the US Golf Association in support of their project “Promotion of turf health through early pathogen detection-development of a turf PathoCHIP.”
Conferences, Seminars, and Other Events

On October 27, the School of Environmental and Biological Sciences and the University of Medicine and Dentistry of New Jersey (UMDNJ) sponsored two Thai Fogarty ITREOH Center workshops at Chulalongkorn University in Bangkok, Thailand. Mark Robson (Entomology; dean, Urban and Agricultural Programs), front row, 4th from right, is pictured with students and faculty from Chulalongkorn, and faculty from Rutgers, UMDNJ, Wake Forest University, Emory University, and the National Institute for Occupational Safety and Health.

Ryan Logan (Animal Sciences), a postdoctoral associate in Dipak Sarkar’s laboratory (Animal Sciences) received a Postdoctoral Trainee Travel Award to present the abstract titled “Beta-endorphin neuron transplants in the hypothalamus reduces anxiety-like behavior in the elevated-plus maze and open-field in rats” at the Society for Neuroscience 2010 meeting in San Diego, CA. The award honors outstanding postdoctoral trainees and helps to defray travel expenses by providing a stipend and waived registration fees. Awardees are chosen based on the scientific merit of the abstract, evidence of neuroscience outreach activities, and letters of nomination from the principal investigator and local nominating chapter.
Andre Pietrzykowski (Animal Sciences), along with members of his Laboratory of Adaptation, Rewards and Addiction Onaiza Anees and Yongping Wang (Animal Sciences), and Nadia Boughassoul-Pietrzykowska and Daniel Goldsmith (Department of Internal Medicine, Capital Health) gathered at the American Society of Human Genetics on November 5 in Washington, DC. The team presented a poster titled “The role and genetics of microRNA in alcoholism.”

Dipak Sarkar’s laboratory (Animal Sciences) presented 5 posters at the Society for Neuroscience 2010 meeting in San Diego, CA.

- **Sengupta, A, Zhang, C.** (Graduate Program in Endocrinology and Animal Biosciences), Boyadjieva N, Sengottuvelan, M., and Sarkar, D.K (Animal Sciences). Naltrexone inhibits heterodimerization between mu and delta opiate receptors on splenocytes to increase delta agonist response and inhibit alcohol suppression on NK cell function.
- **Agapito, M.** (Graduate Program in Endocrinology and Animal Biosciences), and Sarkar DK (Animal Sciences). Evidence for PER2 mediation of postnatal alcohol induced alteration of metabolic sensing in the hypothalamus of mice.
- **Zhang, C.** (Graduate Program in Endocrinology & Animal Biosciences), Mojtehedzadeh S, Ortiguela M and Sarkar, D.K. (Animal Sciences). Implantation of cyclic adenosine monophosphate delivering nanospheres into the third ventricle reduces metastasis of cancer cells into the lung in Fischer-344 rats.

Karyn Malinowski (director, Equine Science Center) was invited to speak at the East Brunswick Women’s Club on November 9, where she presented “Rutgers Equine Science Center: Perfect for New Jersey and beyond.” Malinowski was also invited to present “There IS a future in equine science” at Centenary College on November 18.

Tiffany Cody (public relations specialist, Equine Science Center) and Anthony Long (undergraduate student) presented “Equine Science 4 Kids” at the Family Science Night event at Newell Elementary School, Upper Freehold, NJ, on November 12.

Anthony Broccoli (Environmental Sciences) was a member of the Scientific Review Group, United Kingdom Meteorological Office Hadley Centre for Climate Research, Exeter, UK, in November.

Alan Robock (Environmental Sciences) was invited to lecture on “On “Smoke and mirrors: Is geoengineering a solution to global warming?” at Peking University, China, on November 7.

Joseph Heckman (extension specialist in soil fertility) was an invited speaker at a symposium on local food systems sponsored by the American Society for Agronomy, held in Long Beach, CA.
on November 1. He presented “Anonymous commodity farmer or artisan farmer with a face: Who is your farmer and why?”

On November 4, Peter Gillies (director, New Jersey Institute for Food, Nutrition and Health) was an invited lecturer in the Global Health course at the University of Medicine and Dentistry of New Jersey’s School of Public Health. This introductory course on global public health provides students with an overview of important components of global public health. The title of Gillies lecture was “Undernutrition to overnutrition: A public health perspective.” In addition, Gillies was invited to speak about the New Jersey Institute for Food, Nutrition and Health at the New Jersey Agricultural Experiment Station Board of Managers’ meeting on November 29. His talk was titled “Institute for Food, Nutrition and Health: From vision to reality.”

George Caman (Food Science) was invited to present “The roles of the yeast phosphatidate phosphatase and diacylglycerol kinase in lipid synthesis” at the International Lipid Symposium: Cell Biology and Metabolism, Beijing, China, on September 2 and at the Academy of Sciences Institute of Biophysics, Beijing, China, on September 6.

Mukund Karwe (Food Science) was invited to the following:

- XVIII Congresso Brasileiro de Engenharia Quimica, Federal University of Sao Paulo, Brazil, from September 19-22, where he presented “Enhanced infusion of natural antioxidants into fruits using high hydrostatic pressure processing.”
- Annual Meeting, Improvement of Thermal and Alternative Processes for Foods, held at South Dakota State University, in October.
- Three seminars for undergraduate students at the South China University of Technology, Guangzhou. His seminars were “Thermal transport in selected food processing operations: A research seminar”; “Advances in high pressure processing of foods: A research seminar;” and “Undergraduate food science program at Rutgers University” in October.
- Joint Meeting of the Council of Food Science Administrators and the Association of Nutrition Departments and Programs, Washington, DC, in November.

Beverly Tepper (Food Science) was invited to present “Taste genetics, fat intake and obesity risk” at the Division of Medical Nutrition Sciences, Boston University School of Medicine Boston, MA, on November 6. She was also invited by the American Heart Association, New Jersey, to present “How does taste genetics influence our personal taste worlds? Translating research findings into practical advice” held on November 17.

In September, Donald Schaffner’s (Food Science) lab hosted a visit by Cleide Moller, a Ph.D. student with the National Food Institute Technical University of Denmark. Moller is using mathematical modeling to predict transfer of Salmonella during production of minced pork.

Donald Schaffner (Food Science):
- Was invited to present “The role of statistical sampling in the detection of foodborne pathogens” as part of the First Symposium of the Quebec Association for Food Protection, Quebec, Canada, in September.
• Was invited to present “Food safety microbiology” as part of the Pinnacle Consortium of Higher Education Workshop on Campus Food Safety, in Philadelphia, PA, in September.
• Attended the Special Acidified Better Process Control School for Sweet Ovations, Philadelphia, PA, in September.
• Participated in the National Center for Food Protection and Defense (NCFPD) 2010 Biennial Meeting titled “Building a Safe, Secure and Defendable Food Supply Through NCFPD Research and Education” in Chaska, MI, in September. Schaffner is event modeling theme leader for NCFPD.
• Was invited to attend the “Rapid Methods to Detect Priority Pathogens in Food and on Environmental Surfaces’ Microbial Risk Assessment/Predictive Food Microbiology” course at the FDA regional lab in Jamaica, NY, in October.
• Was invited to present “Insights on risk assessment and management: Priorities for food service operations” at McDonald’s Food Safety Advisory Committee Meeting, Oak Brook, IL, in October.
• Was invited to present “Food safety risk assessment—what use are computer models?” in Toronto, Canada, as part of Ontario Food Protection Association 2010 Annual Meeting, held on November 17.

The **Department of Landscape Architecture** held an open house for prospective graduate students on November 20. Attendees heard a message from **Laura Lawson** (chair, Landscape Architecture); met with the department’s diverse faculty; learned about the curriculum; and visited with first year Master’s in Landscape Architecture (MLA) students in their newly renovated studio in Blake Hall on the George H. Cook Campus. Although in its infancy, the MLA program has generated much interest from potential students in disciplines as diverse as art, history, ecology, economics, and plant science.

**Dean Cardasis** (Landscape Architecture) is pictured explaining a recent graduate studio project to potential graduate students who attended the open house.

**Peter Rona, Karen Bemis** (Marine and Coastal Sciences) and their partners at the Applied Physics Lab-University of Washington presented “Cabled Observatory Vent Imaging Sonar (COVIS) connected to NEPTUNE Canada Cabled Observatory.” They reported on the laying of the first cable to a seafloor observatory on an ocean ridge and showed their initial acoustic imagery of flow from hydrothermal vents on the Juan de Fuca ridge in the northeast Pacific, at the NSF Ridge program meeting in Portland, OR, from October 29-31.
Dawn Brasaemle (Nutritional Sciences) was invited to present a talk on "CGI-58: An emerging and central player in cellular and whole body lipid homeostasis" at the Scientific Sessions of the American Heart Association in Chicago, IL, from November 13-17.

Nurgul Fitzgerald (Nutritional Sciences) and Alexandra Grenci (Family and Community Health Sciences) were invited to deliver a workshop on "Eating well and being healthy" at the Sharon Baptist Church's Health and Wellness First Year Anniversary celebrations in New Brunswick, NJ, on October 23.

Nurgul Fitzgerald (Nutritional Sciences) was invited to attend An Integrated Approach to Prevention of Obesity in High Risk Families Annual Meeting in Tucson, AZ, from October 26-29.

Nurgul Fitzgerald, Nicole Czarnecki (Nutritional Sciences) and William Hallman (Human Ecology; director, Food Policy Institute) were invited to present a poster about the "Food intake patterns and barriers to fruit and vegetable consumption among minorities" at the American Public Health Association's Annual Conference in Denver, CO, from November 7-10.

Harriet Worobey (Nutritional Sciences) was invited to give a presentation on "Childhood obesity: The crucial role of early childhood centers" at the annual 2010 New Jersey Association for the Education of Young Children conference in Atlantic City, NJ, on October 23.

John Worobey (Nutritional Sciences) and graduate students Carolina Espinosa, Isabel Ramos, and Jennifer Collado (Nutritional Sciences) were invited to present a poster describing the Rutgers Infant Nutrition and Growth Project at the 2010 Chronic Disease Summit on "Creating NJ partnerships for health promotion and chronic disease prevention," in Somerset, NJ, on November 4.

Bruce Clarke (Plant Biology and Pathology) hosted members of a Chinese delegation to the Rutgers Turfgrass Program from September 8-12, as part of a tour of major turfgrass research programs in the US. During its visit to New Jersey, the delegation, lead by Liebao Han, (president of the International Turfgrass Society; professor, Beijing Forestry University) met with faculty from the Rutgers Center for Turfgrass Science and toured research studies at Horticultural Research Farm II, located in North Brunswick, NJ, and the Plant Science Research and Extension Farm located in Adelphia, NJ.

Bruce Clarke (center) is pictured with members of the Chinese delegation.
Bruce Clarke (Plant Biology and Pathology) was the keynote speaker at the 68th Annual Meeting of the Italian Technical Association of Golf in Venice, Italy, from November 8-9, and the 12th Annual Meeting of the Slovenian Greenskeepers Association in Ljubljana, Slovenia, from November 11-13. Clarke presented research on the biology, ecology, and management of major turfgrass diseases affecting golf courses in Europe. Both conferences were attended by turf industry representatives from Italy, Slovenia, Austria, Hungary, Croatia, France, Spain, England, Holland, and the Czech Republic.

Nilgun Tumer, John McLaughlin, and Michael Pierce (Plant Biology and Pathology) were invited to attend the NIH Trans Regional Centers of Excellence workshop on Biodefense held in Bethesda, MD, from September 23-24.

Publications and Editorships


Robock, A. (Environmental Sciences) 2010. Parentheses are (are not) for references and clarification (saving space). EOS, 91(45), 419. DOI:10.1029/2010ES003202.


Carter, G. P. (New Jersey Department of Environmental Protection); Miskewitz, R. (Environmental Sciences); Sastry, I.; Mun, Y.; Vyas, V. (Environmental and Occupational Health Sciences - EOHS); Yoon, S. (Environmental Sciences); Georgopoulos, P. (EOHS); and Uchrin, C. (Environmental Sciences). 2011. A comparison of kriging and cokriging for the geostatistical estimation of specific capacity in the Newark Basin (NJ) aquifer system. Journal of Environmental Science and Health. In Press.


Mark Your Calendars!

Rutgers Children’s Health Summit
WHEN: December 3, 2010, 8:30 a.m. to 3:30 p.m.
WHERE: Cook Campus Center, 59 Biel Road, New Brunswick, NJ.
WHAT: Conference titled “Fighting Back Against Childhood Obesity, Growing Healthy: Making a difference through policy and environmental change.”
MORE INFO: Call 732-932-9271, ext. 622.

HollyDay Festival
WHEN: December 4, 2010, 1 to 4 p.m.
WHERE: Rutgers Gardens, 112 Ryders Lane, New Brunswick, NJ.
WHAT: Holiday decorating workshops, gingerbread cookie decorating, tours of the Gardens’ Holly Collection, and more.
MORE INFO: Contact Mary Ann Schrum, 732-932-8451, rugardens@aesop.rutgers.edu.

Retired Faculty Luncheon
WHEN: December 6, 2010, 11:30 a.m. to 2 p.m.
WHERE: Continuing Studies Conference Center, 178 Ryders Lane, New Brunswick, NJ.
WHAT: Retired Faculty Luncheon is open to all retired faculty, current faculty, staff, and guests.
MORE INFO: Patricia Kastner, 732-932-2000, ext. 4211, discovery@aesop.rutgers.edu.
http://discovery.rutgers.edu/.

35th Annual Green Exposition
WHEN: December 7–9, 2010
WHERE: Trump Taj Mahal, Atlantic City, New Jersey.
WHAT: Annual expo sponsored by the New Jersey Turfgrass Association.
MORE INFO: http://www.njturfgrass.org/.
Blood Lactate Guided Training in Equine Athletes
WHEN: December 9, 2010, 7 p.m.
WHERE: Bartlett Hall, Room 123.
WHAT: Amo Lindner (Ph.D in equine nutrition) of Juelich, Germany, will be visiting the Equine Science Center and the Department of Animal Sciences to deliver his talk. Lindner’s expertise includes performance diagnosis and training guidance for sport horses.
MORE INFO: Contact the Equine Science Center at 732-932-9419.
http://ruevents.rutgers.edu/events/displayEvent.html?eventId=67740.

On-Farm and Manure Composting School
WHEN: December 13–14, 2010, 8 a.m. to 12:30 p.m.
WHAT: A workshop, sponsored by the Rutgers NJAES Office of Continuing Professional Education, on the new rules that require New Jersey livestock farmers to develop and implement Animal Waste Management Plans to illustrate the responsible management of manure.
MORE INFO: Contact Dalynn Knigge, knigge@njaes.rutgers.edu, 732-932-9271, ext. 622.
http://www.cpe.rutgers.edu/compost.

Equine Science Update
WHEN: December 14, 2010, 6 to 9 p.m.
WHERE: Cook Campus Center, 59 Biel Road, New Brunswick, NJ 08901.
WHAT: The Equine Science Update provides a chance for the Center to share the status and progress of its current and ongoing research projects and initiatives with the greater equine community.
MORE INFO: Contact the Equine Science Center at 732-932-9419.

Basics of Turfgrass Management
WHEN: December 16, 2010, 9 a.m. to 3:30 p.m.
WHERE: Multiple locations on the New Brunswick campus.
WHAT: One-day program that introduces participants to a range of turfgrass management topics and practices.
MORE INFO: Contact Dan Serpico, serpico@njaes.rutgers.edu, 732-932-9271, ext. 648.

Rutgers North Jersey Ornamental Horticulture Symposium
WHEN: January 1, 2011, 8:30 a.m. to 3:30 p.m.
WHERE: Dragonetti Auditorium, County College of Morris, Randolph, NJ.
WHAT: Three-day symposium sponsored by Rutgers Cooperative Extension and The County College of Morris.
MORE INFO: Contact Peter Nitzche, 973-285-8307.

For even more information of these calendar items and other events hosted and facilitated by Rutgers University, please visit the Rutgers Calendar at http://ruevents.rutgers.edu/events/.

This report is produced by the Office of Communications. For information or to provide comments, please contact Paula Walcott-Quintin at quintin@aesop.rutgers.edu, or 732-932-7000, ext. 4204.