Digest of Administrative Reports to the Governor, 2009-2010

University of Connecticut

Philip E. Austin, Interim President
Peter Nicholls, Provost and Executive Vice President for Academic Affairs
Cato T. Laurencin, Vice President for Health Affairs and Dean of the School of Medicine

Established in 1881
Statutory Authority Chapter 185b, General Statutes
Route 195, Storrs, CT 06269

Number of full-time employees: 4,165 + 3,738 (Health Center)
Recurring Operating Expenditures: 2009-10 (as of September 2010) $995.2 million + $754.2 million (Health Center)
Organizational Structure: Public State University

Mission

Founded in 1881, the University of Connecticut serves as the flagship for public higher education and the primary doctoral degree granting public institution in the state. The University of Connecticut is dedicated to excellence demonstrated through national and international recognition. As Connecticut’s public research university, through freedom of academic inquiry and expression, we create and disseminate knowledge by means of scholarly and creative achievements, graduate and professional education, and outreach. Through our focus on teaching and learning, the University helps every student grow intellectually and become a contributing member of the state, national, and world communities. Through research, teaching, service, and outreach, we embrace diversity and cultivate leadership, integrity, and engaged citizenship in our students, faculty, staff, and alumni. As our state’s flagship public university, and as a land and sea grant institution, we promote the health and well being of Connecticut’s citizens through enhancing the social, economic, cultural, and natural environments of the state and beyond.

Statutory Responsibility

The General Statutes of the State of Connecticut and the Morrill Act adopted by the United States Congress have charged the University of Connecticut with the responsibility for the education of Connecticut youth in scientific and classical studies, agriculture and mechanic arts and liberal and practical education. General Statutes give the University authority for programs leading to a wide variety of doctoral degrees and post-baccalaureate professional degrees. The University’s constitutional mandate, “excellence in higher education,” is accomplished in its traditional triad of academic responsibilities: teaching, research and service (including outreach and public engagement).
Public Service, Research and Clinical Care

University offices authorized by Connecticut General Statutes to serve the public include: Connecticut Museum of Natural History, Sec. 10-112(a-c); Office of Archaeology, Sec. 10a-112; State Historian, Sec. 11-1; State Museum of Art, Sec. 10a-112(g); and Connecticut Poison Center, Sec. 10a-132.

Support for Human Rights in Connecticut and Across the World

The University’s commitment to human rights and social justice is evidenced in interdisciplinary instruction in theoretical, comparative, and historical perspectives on human rights through classroom courses, supervised internships, the undergraduate human rights minor, and the graduate certificate in human rights. The University’s support for human rights is also evident in: the interdisciplinary research and public events sponsored by the Human Rights Institute; the internationally renowned speakers on human rights issues brought to the campus through the Raymond and Beverly Sackler Distinguished Lecture Series; activities and archival collections at the Thomas J. Dodd Research Center; the Stem Cell Research Oversight Committee oversight of ethical issues related to the derivation and research use of human pluripotent stem cell lines at the University; the activities of the Center for Applied Genetics and Technology, a University-wide initiative to provide infrastructure support for research and training in genetics, genomics and bioinformatics; and many student organizations, such as UConn Caring Internationally, UConn Chapter of Engineers Without Borders, and Idealists United, who promote human rights and social justice awareness on campus.

The Journal of Human Rights, a major international scholarly publication based at UConn with Richard Hiskes, professor of Political Science, as the editor, is committed to theoretical and ideological diversity in the study of human rights and to expanding the discourse on human rights to include a variety of international and multicultural voices.

Two books on human rights issues published in 2009 were authored by College of Liberal Arts and Sciences faculty members: The Human Right to a Green Future: Environmental Rights and Intergenerational Justice, by Richard Hiskes; and International Migration and Human Rights: the Global Repercussions of U.S. Policy, by Samuel Martinez, associate professor of Anthropology.

The University joined the Scholars at Risk Network (SAR) in December 2009. SAR is an international network of universities and colleges responding to scholar attacks because of their words, their ideas and their place in society. The Network promotes academic freedom and defends the human rights of scholars and their communities worldwide.

The Humanities Institute in the College of Liberal Arts and Sciences, in conjunction with the University’s Human Rights Institute, collaborated with the UConn Law School in offering a conference at UConn’s Hartford location entitled “Human Rights in the USA.” The conference had an attendance of historians, writers, artists, and filmmakers from around the world to evaluate how international human rights laws and norms are presently applied in the USA, to seek the integration of perspectives offered by disparate social movements, and to connect law, politics, and social policy in ways that can provide greater scope for the realization of human rights.

Gary Gladstein ‘66, ’08 (honorary doctorate), gave $1.15 million to further expand the resources for the Human Rights Institute. The gift will be used to add faculty positions to enhance the institute’s expertise in social and economic rights and international human rights law and politics, develop the undergraduate human rights major, and expand national and international internship options for students. Gladstein is retired partner and chief operating officer of Soros Fund Management and an emeritus director of the UConn Foundation. The latest gift follows generous previous contributions to UConn to establish the Marsha Lilien Gladstein Visiting Professorship in Human Rights and the Gary Goldstein Distinguished Chair in Human Rights. He also previously gifted funding for the School of Business and for the Health Center.
Under the leadership of the University’s United Nations Educational, Scientific and Cultural Organization (UNESCO) and its Chair, Amii Omara-Otunnu, professor of History, the Institute of Comparative Human Rights reaches out to individuals and groups to help transcend the barriers of ethnocentric social conditioning and prejudice, strengthen respect for human rights, and promote understanding of ethnic, racial, religious, and cultural diversity.

Enhancing and Improving Access to Health Care

The University of Connecticut Health Center is composed of the School of Medicine, School of Dental Medicine, John Dempsey Hospital, the UConn Medical Group, UConn Health Partners and University Dentists. Founded in 1961 and located on a 205-acre campus in Farmington, the Health Center pursues a mission of providing outstanding health care education in an environment of exemplary patient care, research and public service. Through John Dempsey Hospital (204 general acute care beds and 20 nursery beds), the Health Center provides specialized and routine inpatient and outpatient services.

Plans to renovate the hospital and build a new patient care tower at the Health Center are anticipated to create 6,800 new jobs by 2030 by establishing bioscience enterprise zones around the area hospitals to attract researchers and entrepreneurs. The $362 million project includes renovating the 35-year-old John Dempsey Hospital, building a new patient tower, and increasing classroom and lab space for the medical and dental schools. The plan also includes $30 million in funding for the UConn Health Network, a series of teaching and research initiatives involving area hospitals throughout the region. The initiatives include a share Simulation Center at Hartford Hospital, an Institute for Primary Care at St. Francis Hospital, a Health Disparities Institute, the seeking of national designation as a Comprehensive Cancer Network and Institute for Nursing Excellence, and support for the Connecticut Institute for Clinical and Translational Science. The management of 40 neonatal intensive care unit beds will be transferred to the Connecticut Children’s Medical Center but the beds will remain at the Health Center.

The Health Center is committed to maintaining high-quality research programs and has recruited distinguished researchers with expertise in neuroscience, molecular biology, molecular pharmacology, biochemistry, cell physiology, toxicology, and endocrinology, among other fields. The Alcohol Research Center, one of only 14 such federally supported centers in the nation, focuses on the etiology and treatment of alcoholism but also has programs of research on other psychoactive substances (including heroin, marijuana, and cocaine), pathological gambling, and HIV/AIDS. The Connecticut Clinical Chemosensory Research Center is one of five federally supported centers for investigating the smell and taste function. A Center of Innovation, to include a new stem cell institute as well as cutting edge cell biology and genetics research, is uniting UConn scientists in a cross-disciplinary, collaborative setting to enhance Connecticut’s role as a leader in stem cell research and to accelerate discoveries that ultimately could lead to therapies treating a broad range of diseases and disorders. The Medical Arts and Research Building, which opened in 2005, added to the campus a large facility for care and research related to conditions affecting bones, joints and connective tissue. The building houses an open MRI, the region’s first warm-water SwimEx therapeutic pool, and physical therapy and rehabilitation services. It also is home to clinical services including orthopedics, rheumatology and neurosurgery, and the Farmington Surgery Center, a multi-specialty outpatient surgery center. Several publications and consumer health newsletters also regularly provide health information to the public.

In addition to the comprehensive health care services of the UConn Health Center, the University has many centers and services offering health care and educational information to the UConn community and to the public. Examples include: Connecticut Center for Eliminating Health Disparities among Latinos and Expanded Food and Nutrition Education Program in the College of Agriculture and Natural Resources; Center for Health, Intervention and Prevention (CHIP), Center for Health Communication and Marketing, Child Development Laboratories, the Humphrey Clinic for Individual, Couple and Family Therapy, and the Psychological Services and Speech and Hearing Clinics in the College of Liberal Arts and Sciences or staffed by its faculty; Healthcare Management and Insurance Studies Program in the School of Business; Nayden Rehabilitation Clinic in the Neag School of Education; Center for Nursing
Scholarship in the School of Nursing; and Center for Biochemical Toxicology, Center for Pharmaceutical Processing Research, and Health Outcomes, Policy and Economics (HOPE) Collaborative Group in the School of Pharmacy.

University of Connecticut researchers secured more than $33 million in federal stimulus funds through competitive grants awarded by federal agencies, as part of the American Recovery and Reinvestment Act (ARRA) of 2009. UConn investigators at Storrs were awarded $14 million in ARRA grants for 43 projects, while at the Health Center in Farmington, 32 projects were awarded $19 million. Funded projects include a $3.6 million grant to study biodefense responses to microbial pathogens, $800,000 for a study of the genomic conflict in Poeciliid fishes, and $400,000 for an investigation into the formation and applications of ultracold molecules. About two-thirds of the new money coming to UConn is from the National Institutes of Health (NIH) for biomedical research, and much of the remainder is funded through the National Science Foundation (NSF). The stimulus funds represent a welcome boost for researchers, as budgets at federal agencies have remained flat for several years.

The Health Center received a $7.9 million federal grant to renovate, modernize, and improve the research core facility that supports the projects of 136 scientists. The ARRA grant from the National Center for Research Resources, part of NIH, will support a 15,480 square foot renovation in one of the original research buildings on the Farmington Campus. The renovation will significantly improve the overall operational efficiencies of the facility and correct problematic working conditions and ergonomic issues for the staff. It will also use sustainable “green” technologies to reduce water and energy consumption, thereby producing cost efficiencies over the long term. A substantial number of research programs will benefit from the improvement of the core facilities.

Ten UConn scientists received state-funded grants totaling $3.9 million from the Connecticut Stem Cell Research Advisory Committee (SCRAC) to advance embryonic and human adult stem cell research in Connecticut. Eight of the state grants were awarded to scientists based at the Health Center and two were awarded to researchers at the Storrs Campus. The grants were among a total of nearly $9.8 million awarded this year to fund 22 research proposals in the latest round of funding issued by the SCRAC in the state’s stem cell research grants-in-aid program. The new grants bring UConn’s total of state stem cell funding to nearly $24 million. The funding program, approved by the legislature and Governor M. Jodi Rell in 2005, promotes research on stem cells to advance human health care by developing innovative cell transplantation, therapies for diabetes, cancers, heart and blood diseases, Parkinson’s, Multiple Sclerosis, and Alzheimer’s diseases.

Four human embryonic stem cell lines derived by UConn scientists have been approved for use in federally funded research and added to the NIH National Stem Cell Registry. The four UConn stem cell lines identified as CT1, CT2, CT3, and CT4 were derived in the Health Center’s Stem Cell Core Laboratory using public funds provided by the State of Connecticut and its stem cell initiative. They are the first stem cell lines from a Connecticut institution to receive federal approval. Approval of new stem cell lines by the NIH, the government’s prime medical research agency, gives scientists greater access to a variety of stem cell lines, and an expanded genetic diversity of lines, to study embryonic development, explore new treatments for disease, and test drugs.

Governor M. Jodi Rell announced that a state initiative to spur the development of high-tech start-ups, foster additional economic development, and stimulate job creation is expanding to a third location – the UConn’s Health Center. CTech at the UConn Technology Incubation Program (TIP) in Farmington is a joint initiative of Connecticut Innovations (CI), the state’s quasi-public authority for technology investing and innovation development, and the University’s Office of Technology Commercialization. TIP nurtures companies formed around UConn technologies with incubation space, use of UConn services and UConn faculty collaborations, and access to unique equipment and expertise that is often unattainable to start-ups. The incubator will focus on attracting participants from several key industry sectors – bioscience, medical devices and bio materials – as well as from other science, technology, engineering, and math-based ventures. Funding will be provided by CI and in certain instances by matching funds from the companies or other co-investors.
The Health Center’s Center for Cell Analysis and Modeling (CCAM) received a five-year $6 million grant from the NIH Transformative Research Projects program in recognition of its innovative research with the potential for major impact on human health. The project, which also includes researchers at the Mt. Sinai School of Medicine and Columbia University, seeks to determine how human kidney cells are regulated to produce the delicate filtration system that allows the kidney to function. CCAM, directed by Leslie Loew, professor of Cell Biology in the School of Medicine, is the home of the Virtual Cell, a computerized environment for cell modeling and simulation; the Virtual Cell is a distributed application available on the Internet, serving as a tool for scientists and freely accessible to all members of the scientific community. In this study, the Virtual Cell is being used to develop computational models of how cells interact within kidney tissues to identify general principles for assembling functional tissues that can aid in understanding disease processes and in screening for new drugs.

Many volunteer efforts annually raise money to support health care and health research initiatives. For example, an annual event for over 30 years has been the Jim Calhoun Cancer Challenge Bike Ride with proceeds benefiting the Carole and Ray Neag Comprehensive Cancer Center and Coaches vs. Cancer, a program of the American Cancer Society. This year the event was expanded to include a 5K Cancer Challenge Walk.

Research, Scholarship and Professional Education

UConn research and training grants exceeded $233 million in FY 2010 from federal agencies, including the U.S. Department of Agriculture, National Science Foundation, National Institutes of Health, National Endowment for the Humanities, and many others, and from such prestigious private entities as Carnegie Corporation of New York, Donaghue Medical Research Foundation, Ford Foundation, and Andrew W. Mellow Foundation. The Storrs campus has more than 70 active centers and institutes involved in research and graduate education. Examples include the Biotechnology/Bioservices Center, Center for Actuarial Sciences, Center for Environmental Sciences and Engineering, Center for Land Use Education and Research, Center for Regenerative Biology, Connecticut Center for Economic Analysis, Connecticut Sea Grant College Program, Connecticut Transportation Institute, Institute of Materials Science, Marine Sciences and Technology Center, National Undersea Research Center, Roper Center for Public Opinion Research, and Wildlife Conservation Research Center. The Health Center has a broad array of world-class research activities facilitated by “Signature Programs” in cancer, cardiology, musculoskeletal medicine, and public health. Examples include the Alcohol Research Center, Center for Biomaterials, Center for Cell Analysis and Modeling, Center for Immunotherapy of Cancer and Infectious Diseases, Center for Molecular Medicine, Ethel Donaghue Center for Translating Research into Practice and Policy, Gambling Treatment and Research Center, New England Musculoskeletal Institute, Pat and Jim Calhoun Cardiology Center, Taste and Smell Center, and Waterborne Disease Center.

Many of the centers and institutes benefit from the collaborative efforts of both the Storrs based and Health Center disciplines, including A.J. Pappanikou Center for Developmental Disabilities, Center for Public Health and Health Policy, and Stem Cell Institute. The Center for Science and Technology Commercialization manages the commercial application of the discoveries, inventions and technologies developed at all the campuses of the University. Each year, the Center receives approximately 75 new invention disclosures and files about 20 U.S. patent applications. Ten to 15 commercial development agreements (options, licenses, etc.) are completed annually.

UConn grants promoting collaboration between researchers at Storrs and the Health Center were awarded to six research teams. The year-long grants, known as UCHC/Storrs and Regional Campus Incentive Grants (UCIG), help promote inter-campus research programs among the researchers at the UCHC and other UConn campuses. Criteria for evaluating the 12 proposals included the potential to attract extramural funding after the current funding expires, the interdisciplinary nature of the project, and the project’s capacity to support the University’s application for federal agency grants intended to speed up the translation of scientific research into practical applications in the medical field. The six award-winning projects in 2009-10 and the disciplines of their research teams included:
In the annual Faculty Large Grant Competition, The UConn Research Foundation’s Research Advisory Council received 43 proposals totaling more than $867,000 and made 35 awards totaling over $673,000. The goal of these awards is to help faculty move into a better position to apply for and receive extramural funding for their research and scholarly activities.

Thomas Babor, professor and chairman of the Health Center’s Department of Community Medicine and Health Care, was the recipient of a prestigious $1 million Challenge Grant from NIH’s National Institute of Dental and Craniofacial Research. The grant supports a two-year research project exploring whether screening and brief interventions conducted in the dental practice setting can change patients’ substance use behaviors to reduce their risk of oral cancers and other health conditions. Patients enrolled in the study will benefit by having the opportunity to receive counseling for risky behaviors. If the research demonstrates the effectiveness of the screening and interventions, the study also will explore ways to incorporate the approach into the training of residents in UConn’s School of Dental Medicine.

Bruce Mayer, professor in the Health Center’s Department of Genetics and Developmental Biology, was awarded a $1 million dollar NIH and ARRA Challenge Grant. Mayer’s research focuses on tyrosine phosphorylation which controls many of a tumor’s key biological activities. A novel diagnostic method, phosphoproteomics platform or SH2 profiling, will be used to profile non-small cell lung carcinoma (NSCLC) samples from patients. NSCLC is a devastating disease that kills more than 160,000 Americans a year. The Challenge Grants focus on specific knowledge gaps, scientific opportunities, new technologies, data generation, or research methods that would benefit from an influx of funds to quickly advance the area in significant ways.

Cheryl Oncken, associate professor of Medicine, received a five-year $4 million federal grant to study whether exercise can help older women quit smoking and improve their overall health. The study, to be conducted in collaboration with the University of Minnesota, will recruit about 300 postmenopausal women. All the women will receive smoking cessation treatment consisting of behavioral counseling and the medication varenicline and will randomly be assigned to either a supervised exercise program or a supervised relaxation control program.

School of Dental Medicine researchers Drs. Art Hand and Maija Mednieks were awarded a National Aeronautics and Space Administration (NASA) grant to study the effects of zero gravity on hormone action. Their previous work on both U.S. and Russian space missions has shown that under zero gravity conditions, a protein regulated by catecholamine hormone action (fight-or-flight hormones) and associated with stress responses is significantly altered when secreted into an easily obtainable biofluid such as saliva. The experiments, conducted using mice flown on the extended 15-day shuttle Discovery STS-131 mission, were designed to analyze proteins that serve as biomarkers for a variety of physiologic functions and to determine if travel in space alters the ability to respond to environmental stress. The research goal is to eventually devise a clinical test for related disorders on earth.
Neag School of Education, with the support of the National Football League and Gatorade, established a new institute on the Storrs campus to further research, education, and advocacy for the prevention of heat stroke and sudden death in sport. The institute is named in honor of Minnesota Vikings All-Pro lineman Korey Stringer, whose death in 2001 from complications due to heat stroke during a pre-season training camp brought national attention to the dangers of heat stroke among athletes. The Korey Stringer Institute will increase awareness and education about the proper precautions necessary to avoid heat stroke among organized sports teams and the general public by providing state-of-the-art information and resources through its website. The institute also will offer its services to athletic trainers, team physicians, athletic directors, coaches, equipment manufacturers, parents, school principals, and others to create proper protocols, policies, and emergency action plans to prevent sudden death in sport, especially as it relates to heat stroke.

The School of Engineering won four U.S. Department of Education grants aimed at enhancing the nation’s technological competitiveness. The three-year grants were made under the agency’s Graduate Assistance in Areas of National Need (GAANN) program. The grant support, paired with additional matching funds from UConn, totals nearly $1 million per year and will support approximately 30 to 35 graduate students annually. Each student will receive two years of support from GAANN funds, with equivalent support from the research programs or departments in subsequent years. The GAANN program provides fellowship grants to support U.S. citizens as they pursue their doctoral degrees in fields deemed to be “areas of national need.” Students from traditionally underrepresented populations, including women and minority populations, are a particular focus of the program.

General Community and Public Service

The University maintained its overall grade of B in the College Sustainability Report Card 2010, issued by the Sustainable Endowments Institute, for its efforts toward creating an environmentally sustainable campus. The Institute praised UConn with several A’s for it efforts in: Administration (adopting a green purchasing policy and establishing an environmental literacy workgroup that created EcoHouse, a new residential community); Food and Recycling (tray-less dining units, buying locally grown produce and dairy products, and construction of a $700,000 compost facility for agricultural waste); and Investment Priorities (optimizing investment returns, investing in renewable energy funds and investing in a natural resources manager to focus on green technologies). The report card rates the universities with the 301 largest endowments in the United States and Canada, as well as 32 additional schools that applied for inclusion.

The University of Connecticut is pursuing many initiatives to reduce environmental degradation and encourage smart building throughout campus. Current university-wide goals include: identify opportunities to further incorporate low-impact design components in the current construction and renovation projects; record and photo-document storm water management practices currently employed at the University to demonstrate compliance and best practices; explore the potential for implementing "green roofs" at various locations, including the new library at the Avery Point campus and the new Bolton Road parking garage; and serve in an advisory function in the upcoming North Campus planning process, guiding UConn’s growth while remaining sensitive to the University’s environmental “footprint.”

Health care providers and medical students from UConn’s Health Center saw 1,000 uninsured patients at a one-day Communities Are Responding Everyday (C.A.R.E.) Clinic, sponsored by the National Association of Free Clinics, a nonprofit group based in Washington, D.C. Nearly 1,200 UConn doctors, nurses, pharmacists, and other volunteers, medical and nonmedical, offered their services for the clinic, held at the Connecticut Convention Center.

The University was among seven institutions designated as a National Transportation Security Center of Excellence. The Centers of Excellence, established under the Improving America’s Security Act of 2007, are intended to conduct research and education activities and to develop or provide professional security training, including the training of transportation employees and transportation professionals.
UConn through the Connecticut Transportation Institute in the School of Engineering is the research lead for the national center. The network also includes Rutgers University, Long Island University, the University of Arkansas, San Jose State University, Tougaloo College and Texas Southern University. The joint efforts of these seven institutions are focused on transportation infrastructure and networks, and transportation systems and operations. UConn’s research activities are investigating novel materials, sensor capabilities, and computer models that can be applied to protect America’s infrastructure.

This year’s Awards for Excellence in Outreach and Public Engagement were announced by Provost Peter J. Nicholls during a special reception and poster display celebrating the variety of University outreach activities. The Faculty Award recognized Louise Simmons, associate professor in the School of Social Work and director of the Urban Semester Program, for her work with grassroots organizations that seek to address poverty with economic and social justice, and for helping hundreds of UConn students make a difference in Hartford’s community, advocacy organizations, agencies, and schools. The Staff Award recognized Brian Chapman, founding Director of the Osher Lifelong Learning Institute (OLLI) at UConn’s Waterbury campus, for building productive partnerships with both on campus and off campus organizations, such as the American Association of Retired Persons, the Waterbury Symphony Orchestra, and St. Mary’s Hospital. The Program Award was given to the Gaining Early Awareness and Readiness for Undergraduate Programs (GEAR UP) in the Center for Academic Programs, for providing programs to increase the number of low-income students preparing to enter and succeed in post-secondary education by providing academic enrichment services to students in middle and high schools in New Haven. The program works in partnership with parents, educators, many UConn departments, the U.S. Department of Education, New Haven Public Schools, businesses, and community organizations. The Undergraduate Student Award was given to Joseph Antelmi, Economics, College of Liberal Arts and Sciences, for being an active leader in various campus organizations and addressing poverty, hunger, homelessness, and immigration issues in his work with the Connecticut Association for Human Services, Access Agency, Connecticut Voices for Children and Coalition for a Working Connecticut. Poster presentations prepared by the finalists for the awards were displayed at the Legislative Office Building in February, during the legislative session.

The Neag School of Education has a new and improved Nayden Rehabilitation Clinic to provide high-quality, outpatient physical therapy services to University of Connecticut students, faculty and staff and to residents of surrounding towns. The clinic provides a friendly, relaxed environment where state-of-the-art research intersects with the highest levels of physical therapy practice in the care of patients. Its therapists are faculty of the Department of Kinesiology. In addition to convenient parking for clients, five large rooms are set aside for private patient care and two gym rooms are large enough for the exercises and treatments requiring lots of open space. A wound care room is equipped to handle a variety of wound types including the non-healing kind related to diabetes and infection wounds brought about by trauma. A three-dimensional mobilization table enables special treatment techniques for the spine, allowing isolated motion of the head, trunk and legs. The clinic’s mission is to provide rehabilitation services to the community utilizing treatments that are evidence-based, culturally competent and exhibit fiduciary responsibility to the patient and to society in general. Clinicians and students working in the clinic also contribute to the body of evidence supporting physical therapy intervention.

More than three dozen students, residents and faculty from the UConn School of Dental Medicine volunteered their time and expertise at this year’s Mission of Mercy, a large-scale dental clinic where dental treatment is provided at no cost to individuals who cannot afford dental care. An estimated 2,000 patients were seen in Middletown during the two day event. Last year’s Mission of Mercy, held in New Haven, treated 1,800 patients and provided $750,000 worth of dental care.

The Health Center and its community partners marked the anniversary of the birth of Martin Luther King Jr., the National King Day of Service and National Mentoring Month by unveiling a mentoring program for Hartford area children whose parents are incarcerated. Mentoring Futures Together is a collaboration between the Health Center, the Hartford family advocacy group African Caribbean American Parents of Children with Disabilities, and the Judah House, a halfway house of women leaving
prison in Hartford. The U.S. Department of Health and Human Services has provided a three-year, $300,000 grant in support of the mentoring program.

**Supporting Economic Development**

The University contributes every day to Connecticut's economic vitality and to the quality of life of state residents through research, teaching, public service, and a broad range of programs and initiatives. UConnomy: Contributing to the Economic Health of Connecticut illustrates UConn's direct and indirect impact on the economic, social, and cultural landscape of Connecticut. Incorporating quantitative data culled from a comprehensive economic impact study recently conducted by the state Department of Economic and Community Development, this report demonstrates the University's role in sustaining the state economy as it shapes a bright future for the citizens of Connecticut. For key findings of the report, see the following web link: [http://www.uconn.edu/uconnomy/](http://www.uconn.edu/uconnomy/).

The Center for Clean Energy Engineering (C2E2) in the School of Engineering operates as a multidisciplinary research, education and outreach center focusing on sustainable energy engineering. Formerly known as the Connecticut Global Fuel Cell Center, C2E2 has received over $20 million in funding to date and is recognized among the largest university-based fuel cell and sustainable energy centers in the nation. The C2E2 mission is strengthened and expanded by the Eminent Faculty Initiative in Sustainable Energy, a unique effort funded jointly by the State of Connecticut and leading energy companies, which has enabled the University to expand faculty resources into smart grid technologies, photovoltaic solar energy, chemical computational modeling, advanced combustion technologies, and innovative fuel cell technologies including proton exchange membrane, solid oxide, direct methanol and other fuel cell types. The center, with over 40 researchers and graduate and undergraduate students from multiple science and engineering discipline, has recently expanded its role in the emerging energy technology areas to embrace biofuels, coal gasification, fuel bundling, hydrogen production, alternate energy conversion, energy storage, carbon sequestration, natural resource conservation, power management and smart power transmission.

In an effort to move toward a global sustainable energy economy, C2E2 has developed relationships with local, national and international research and industrial partners. Among the Center’s unique collaborative partnerships is one involving the Iceland School for Renewable Energy Science. Iceland is renowned for its unique geological conditions, as it sits atop one of the most tectonically active areas in the world. With hundreds of active volcanoes, countless hot springs and massive glaciers, the island nation satisfies its energy needs through hydropower and geothermal renewable sources. The relationships formed with the Iceland School resulted in an exchange of researchers and students between the two institutions, allowing both parties to gain knowledge from the others’ unique perspectives within the international community.

A multi-institutional team of researchers from UConn and Ethiopian universities was awarded a “USAID/Higher Education for Development” planning grant to support sustainable development and management of water resources in Ethiopia. The group aims to help Ethiopian universities increase their capacity to educate their students and conduct research and outreach for solutions to the water management and distribution challenges that affect their country. The team includes researchers from UConn’s Department of Civil and Environmental Engineering, School of Engineering, and Department of Geography, College of Liberal Arts and Sciences, and researchers from the three largest universities in Ethiopia: Addis Ababa University, Mekelle University, and Hawassa University. Additional UConn faculty contributing to the project are from Department of Agricultural and Resource Economics, College of Agriculture and Natural Resources, Department of Statistics, College of Liberal Arts and Sciences, Department of Management, School of Business, and Center for Waterborne Diseases, School of Medicine, UConn Health Center. Other partners are: IBM, through its “smart” water management initiative; Bentley Systems, a leader in the development of water management software; and the U.S. Geological Survey.
UConn’s Office of Technology Commercialization capitalizes on Connecticut's investment in world-class facilities, research and people at the University to support the formation of new technology companies and jobs. Housed in this office are: Tech-Knowledge Portal Program, to help existing companies seeking assistance with technology and with developing new technology related products and firms; the Center for Science and Technology Commercialization, to manage the commercial application of the discoveries, inventions and technologies developed on campus; the Research and Development Corporation, a for-profit subsidiary of the UConn Foundation to initiate new business start-ups based on innovative technologies developed by UConn faculty and staff; and Technology Incubation Program, to help new companies locate on campus and to provide access to resources that could be otherwise unattainable.

In the School of Business, the Connecticut Center for Entrepreneurship and Innovation (CCEI) and the Family Business Program have partnered with the Global Training and Development Institute in the Center for Continuing Studies to teach entrepreneurship and innovation to Kenyan entrepreneurs. The Kenyan Young Entrepreneur Program, facilitated through TechnoService-Kenya and funded by a U.S. State Department grant, aims to reduce poverty and increase economic development in impoverished areas around the world. Fourteen Kenyan delegates arrived at UConn and are studying business and job shadowing at various firms around the state.

The Intellectual Property and Entrepreneurship Law Clinic at the School of Law provides students, under the guidance of supervising attorneys, the unique opportunity to counsel Connecticut's innovators on an extensive range of intellectual property issues: patent searches and applications, patent licensing, trademark clearance and registration, copyright licensing, nondisclosure and employee confidentiality agreements, and formation of business entities. During its first eighteen months of operation, the IP Clinic assisted more than 60 Connecticut-based clients. The IP Law Clinic was established by the Connecticut legislature as part of UConn's Connecticut Center for Entrepreneurship and Innovation (CCEI) to strengthen Connecticut's economy with innovative new programs aimed at supporting emerging companies. Because innovators encounter challenges arising from both the law and the marketplace, CCEI partners the Law School's IP Law Clinic with the Business School's Innovation Accelerator, which assists in such projects as market entry analysis, commercialization of technology, competition assessment, marketing and pricing analysis, product and service development, globalization strategies, capital-raising strategies, and logistics and technology strategies.

Extension outreach programs in the College of Agriculture and Natural Resources offer a variety of programs in community and economic development: Center for Land Use Education and Research (CLEAR); Connecticut Land Use Academy; Connecticut Tax School; Farm Risk Management and Crop Insurance Program; Food Marketing Policy Center; Green Valley Institute; Geospatial Technology Program; Land Use Planning Program; Nonpoint Education for Municipal Officials (NEMO) Program and the National NEMO Network.

In the College of Liberal Arts and Sciences, the Connecticut Center for Economic Analysis, established in 1992, serves the people of Connecticut by improving their understanding of the state's economy -- past, present, and future. The Center’s services include: monitoring and forecasting economic developments in Connecticut; maintaining models of the state's economy; promoting economic and financial literacy through its Connecticut Center for Economic Education; and serving state agencies, municipal governments, non-profit and private organizations and Connecticut citizens through its data, research, publications, and outreach. The Connecticut State Data Center, the State’s official U.S. Census liaison, makes data available locally to the public through a network of state agencies, universities, libraries, and regional and local governments. The Data Center also conducts contracted demographic research for state agencies, municipalities, and non-profit agencies.

The University’s graduating classes each year provide a new resource of skilled individuals for continuing and new businesses and industries in the state, and for service with distinction in schools, government agencies, and nonprofit organizations.
Expanding Educational Opportunity

On-going collaborations of the University with Connecticut’s public schools expand educational opportunities and postsecondary education participation outcomes for the state’s elementary and secondary students. The Carnegie Foundation funded, multi-year, multi-disciplinary Teachers for a New Era Project involves faculty and staff in Neag School of Education, College of Liberal Arts and Sciences, and College of Agriculture and Natural Resources working with school systems and the Connecticut State Department of Education to establish pre-service and in-service training for K-12 teachers and to provide a database for informing teacher preparation programs and educational policy decisions.

Other collaborations of the University with Connecticut’s public schools for expanding the educational opportunities of all students and students from underrepresented groups are illustrated by the following examples:

- College of Agriculture and Natural Resources: 4-H LIFT (Learning, Interaction, Friends, and Talents) and other after-school programs; Adventures of Lead Busters club, focused on hazards of lead poisoning; Classroom Incubator Management instruction; Integrated Pest Management training; Beetle Farmer program; and career development events for high school agricultural science students.
- College of Liberal Arts and Sciences: Kids Are Scientists Too (KAST) summer day camp; Physics Olympiad; Visiting Junior Scientist program; Marine Scholars program; BioBlitz; Archaeology camp; GlobalEd project; and Writing Tutorial Center.
- School of Business: Connecticut Information Technology Institute (CITI) training; CITI support for the Academy of Information Technology and Engineering, a technology high school in Stamford; Teenage Minority Business Program; Connecticut Youth Financial Institute; and Jump$tart Coalition to increase financial literacy among Connecticut youth.
- Neag School of Education: Reading Intervention program; Connecticut Reading Recovery Center; Mentoring Mathematical Minds project; Husky Sport programs for after-school and summer sport instruction; and School Counseling program to improve minority achievement.
- School of Engineering: Connecticut Invention Convention; Northeast Regional Science Bowl; Regional Chess tournament; Da Vinci workshop; Galileo project; Pre-Engineering program; Engineering summer camp; Multiply Your Options workshop for female students; PATHS to the Future – Community of Learners program for urban students; and BRIDGE residential summer program for admitted underrepresented minorities and women.
- School of Fine Arts: University Symphony Orchestra rehearsal option for public school musicians; and music and drama productions and art exhibits in the schools.
- School of Nursing: Healthy Kids are Happy Kids program and Healthy Schools Collaborative for key health topics; and a Nursing Academy in Hartford Public High School to assist in academic preparation for college success in nursing.
- School of Pharmacy: Science Fair judging and underrepresented minority student mentoring.
- School of Law: Connections Mentoring program and Street Law Seminar on legal issues.
- School of Social Work: Safe Schools/Healthy Students initiative to reduce and prevent school and urban violence; social work student internships in school settings; and certification program in school social work.
- Schools of Medicine and Dental Medicine: Great Explorations middle school program; Junior Doctors Academy; Health Professions Academy; Give Kids a Smile Day; and Connecticut Youth Health Service Corps volunteer service in the health professions.
- Avery Point Campus: Marine Scholars program and summer outreach programs with Mystic Seaport; Yes I Can program; Read Across America day; and Expect Great Things career paths program and mentoring in New London and Groton School Districts.
- Greater Hartford Campus: Jumpstart Academy and summer programs for 9th and 10th graders and Junior and Senior Doctors Academy for 11th and 12th graders preparing for health careers, both programs in collaboration with the UConn Health Center; College for Every Student program and
Writing tutoring for Hartford Public High School; and Inroads New England for recruitment of minority students into business, engineering and other college preparatory careers.

- **Stamford Campus:** University Pals program for middle school students; Speakers Bureau for faculty talks to high school students in Fairfield County; and Globalization Conference for high school students.

- **Torrington Campus:** Highlander Transition Academy, a local group providing guidance to high school students with special needs; and partnerships with Explorations Charter School in Winsted and area high schools.

- **Waterbury Campus:** KnowHow2Go program and College Goal Sunday planning for first-generation and lower-income students; tutoring to students in Waterbury public schools; and school-based research on the development and treatment of anxiety in children and adolescents.

- **Center for Academic Programs, in association with Undergraduate Admissions:** Gear-Up program; Educational Talent Search; Upward Bound for ninth graders; and Pre-Freshmen Student Support Services for summer before first UConn semester.

- **Center for Continuing Studies:** Community School of the Arts opportunities for credit and noncredit programs in music, theatre, art; and Homeland Security training for school systems on emergency preparedness.

- **Early College Experience (ECE) Program:** 44 different first-year University courses offered in 128 Connecticut high schools. More than 9,000 high school students annually register for ECE credit courses. UConn’s ECE program, begun in 1955, is the oldest high school-to-college transition program in the nation.

  Five alumni and graduates of the educational leadership certificate program took part in a Superintendents Roundtable to discuss leadership in Connecticut public schools. The discussion was organized by **UConn Magazine** and the Neag School of Education. Nearly 30 percent of current state superintendents have completed education leadership programs at UConn.

  A new Teacher Preparatory Academy at Hartford’s Buckley High School has the goal of encouraging more students, especially those from minority groups, to prepare for college and to become teachers. Neag School of Education is developing the academy with other higher education partners, including Eastern Connecticut State University, the University of Hartford, Saint Joseph College, and Capital Community College. Officials hope to attract more students into a profession that has had difficulty recruiting minority applicants. Although members of minority groups comprise more than one-third of the public school population in Connecticut, minority students account for only about 10 percent of the enrollment in teacher preparation programs in Connecticut, a figure that has remained unchanged for the past decade. The academy also will assist in recruiting students to become teachers in shortage subject areas such as mathematics, science, special education. The Teacher Preparatory Academy is one of several academies already underway or in planning as part of the Hartford Public Schools “All Choice” program offering career themes such as engineering, nursing, law, journalism, and culinary arts.

  The CommPACT schools program, a school reform effort based at the Neag School of Education, won recognition as a national model for teacher preparation programs by the National Council for Accreditation of Teacher Education (NCATE). NCATE, the nation’s largest accrediting agency for schools of education, cited CommPACT as an example of a program that would meet its newly revised, more rigorous accreditation guidelines emphasizing the importance of engaging prospective teachers in addressing crucial issues affecting elementary and secondary schools. CommPACT was one of four programs nationally to receive (NEA) Foundation funding through NEA’s Closing the Achievement Gaps Initiative; the award was $250,000. Other major gifts to the CommPACT schools program included $195,000 from the Lloyd G. Balfour Foundation and more than $50,000 from AT&T Connecticut. The name, CommPACT, symbolizes the collaboration among a school’s community, parents, administrators, children, and teachers to make decisions and run the school based on student needs.

  The School of Engineering received nearly $600,000 for an innovative scholarship program for students from the Connecticut Technical High School System, which includes 16 degree-granting schools
and a technical education center serving nearly 10,000 high school students. The five year project, funded through the NSF Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM) program, will provide an estimated 20 scholarships of $6,500 each for students from economically disadvantaged families, with a focus on students who will be the first in their families to attend college and who are interested in careers in energy engineering. The UConn First in Family Energy Scholars program also provides to the student scholars pre-freshman year preparation, mentorship and advising, tutoring, scholarly research, enrichment and community building activities, and internship/coop and job placement assistance.

The 16th annual “Multiply Your Options” (MYO) conference, organized by the School of Engineering, introduced 218 eighth-grade females to applications of various engineering, mathematics, science and technology principles and to female role models in science, mathematics, engineering and technology. Each student attended two of the 12 workshops set up throughout the day, with each workshop led by graduate and undergraduate engineering students and professionals. In all, 21 middle schools from across the state participated in this year’s conference. Since 1995, over 750 female students have participated in MYO workshops with more than 150 female professionals in science, mathematics, engineering and technology careers. The MYO workshops address the lack of role models, gross under-representation and lack of diversity in certain career clusters (such as engineering with a female representation of only 8%).

Improvements /Achievements 2009-10

The University of Connecticut, its students, alumni, faculty, and staff take pride in the University’s 129-year history of achievements. The quality of the UConn student population, and those seeking admission, continues to rise, as the accomplishments of our faculty, staff and students continue to impress.

The Board of Trustees appointed Philip E. Austin as interim president of the University while it conducts a search for UConn’s 15th president to replace Michael J. Hogan, who resigned in June. Austin previously served as president from 1996 to 2007, a period of unprecedented growth at UConn. Board of Trustees chair Lawrence McHugh formed a broad-based committee for the nationwide search for a new president. The committee includes trustees, faculty members, student leaders, staff, administrators, alumni, state and local officials, and representatives from the private sector. Since stepping-down as president, Austin has been a faculty member at UConn teaching courses in higher education leadership, as well as participating in accreditation and other activities of the New England Association of Schools and Colleges and the National Collegiate Athletic Association on behalf of the University.

The Board of Trustees received updates of metrics and program descriptions illustrating the University’s progress in its Academic Plan and in its themes of health and human behavior, the environment, and arts, culture and society from a local to global perspective. Organized into five interrelated areas – undergraduate education; graduate and professional education; research, scholarship and creative activity; diversity; and public engagement – the Plan includes specific goals for each theme and identifies timelines and metrics to evaluate the accomplishment of each goal. The plan represents a systematic approach to guiding the University’s strategies for advancing to become one of the nation’s premier public research institutions.

UConn’s Cost, Operations, and Revenue Efficiencies (CORE) Task Force released a preliminary report after review of University operations with the goal of protecting core academic programs and strategic priorities while identifying substantial cost-savings and revenue enhancements. The preliminary report recommended initiatives that could save $5 to $7 million by the end of FY 2010: increasing energy conservation, selling energy credits, streamlining workflow, reducing print materials, offering an expanded summer session, reviewing how graduate assistants are appointed and how their assignments are determined, implementing a voluntary schedule reduction program, and more effectively allocating funds from the Research Foundation. Savings also were achieved this year by continuing strict limits on
out-of-state travel and increasing energy efficiencies resulting from the recently constructed cogeneration plant.

**National Recognition**

The University received national recognition from many sources for the quality of its programs and accomplishments. Following are a few examples of the recognition:

**Academic Programs, Research and Scholarship**

- For the eleventh consecutive year, the University of Connecticut was named the top public university in New England in [*U.S. News & World Report: America’s Best Colleges*](https://www.usnews.com). The report published in August 2009 ranked UConn 26th among 164 public universities in the nation.

- The Neag School of Education was ranked 31st among all graduate schools of education in the country, named the top public graduate school of education in New England, and ranked 20th among all public doctoral education programs in the country (and in the specialties, 14th in Elementary Teacher Education and 14th in Special Education). The rankings were in the [*U.S. News & World Report: America’s Best Graduate Schools*](https://www.usnews.com) published in Spring 2010.

- Many of the University’s graduate and professional programs were highly rated by [*U.S. News & World Report*](https://www.usnews.com) in its latest issue of [*America’s Best Graduate Schools*](https://www.usnews.com). Among public medical schools nationwide, UConn ranked 30th in Medical Schools-Primary Care, and 27th in Medical Schools-Research. Public graduate and professional program rankings nationwide in other disciplines included: 26th in Law, 41st in Engineering (and in the specialties, 31st in Materials Engineering, 33rd in Environmental/Environmental Health Engineering, 34th in Mechanical Engineering, 37th in Biomedical/Bioengineering, 38th in Electrical Electronic/Communication Engineering, 39th in Chemical Engineering and 45th in Civil Engineering). The [*U.S. News*](https://www.usnews.com) rankings are based on expert opinion about program quality and statistical indicators of quality of faculty, research, and students. [*U.S. News*](https://www.usnews.com) does not rank all programs or all specialties every year.

- UConn Law School was recognized by [*preLaw magazine*](https://www.prelaw.com) as one of the 60 best-value laws schools in the nation. The magazine noted that law schools are named if they meet four criteria: their bar pass rate is higher than the state average, their average indebtedness is below $100,000; their employment rate nine months after graduation is 85 percent or higher; and tuition is less than $35,000 a year for in-state residents.

- Six faculty members were recipients of a Fulbright Scholar award for the 2009-10 academic year, placing the University of Connecticut in the top 10 among U.S. research institutions in producing faculty Fulbright scholars. UConn tied with four other universities in having six selected; only three research institutions – Michigan State University, University of Michigan and University of Oregon – had more (seven each). The Fulbright awards illustrate the University’s progress toward the internationalization goals of its Academic Plan. Alexis Dudden, associate professor of History, College of Liberal Arts and Sciences, spent the year in Japan working on a book about how Japan’s Cold War experience is influencing the ways Japanese society is establishing the country’s place in the region and the world in the 21st century. Hedley Freake, professor of Nutritional Sciences, College of Agriculture and Natural Resources, was based at Hong Kong Polytechnic University and was part of a Fulbright team advising the Hong Kong universities on the development of new general education programs. Wendy Glenn, associate professor of Curriculum and Instruction, Neag School of Education, traveled throughout Norway to lower secondary schools (grades 8-10) talking with students about American life and culture and providing professional development to their teachers. Johann Peter Gogarten, Board of Trustees Distinguished Professor of Molecular and Cell Biology, College of Liberal Arts and Sciences, was at Tel Aviv University in Israel for lectures and research on horizontal gene transfer. Lawrence Goodheart, professor of History, College of Liberal Arts and
Sciences (Greater Hartford campus), was a lecturer at Hacettepe University in Ankara, Turkey, Ataturk University in Erzurum, and at Uludag University in Bursa, teaching courses on American culture and literature. Lanbo Liu, associate professor of Civil and Environmental Engineering, School of Engineering, spent the year at the Norwegian University of Science and Technology in Trondheim, Norway, focusing on characterization of seafloor sediments. In addition to the six Fulbright scholar awards, Kathryn Hagedus, associate professor in School of Nursing, was selected for a Fulbright specialist grant in public and global health at a school in Ghent, Belgium. The Fulbright Program is sponsored by the U.S. Government and seeks to enhance cultural awareness and cooperation between U.S. scientists and professionals and peers around the globe.

• UConn, including both the Health Center and Storrs-based programs, ranked 80th among all institutions and 55th among public universities nationwide in research and development expenditures in FY08, as reported this year by the National Science Foundation.

• The University was named a National Center of Academic Excellence in Information Assurance Research (CAE-R). The designation, for the academic years 2010-2015, was announced by the National Security Agency and the Department of Homeland Security. UConn is the first institution in Connecticut to be so recognized. The CAE-R designation resulted from a joint application submitted by an interdisciplinary faculty team from the School of Engineering Departments of Electrical and Computer Engineering and Computer Science and Engineering and the School of Business Department of Operations and Information Management. An associated Center of Information Assurance and Computer Systems Security in the School of Engineering, open to all UConn researchers, is the primary research home for all areas of information assurance. The UConn center is organized into five thematic areas: authorization and access control; cryptography and cryptanalysis; data security and privacy; information fusion and data mining for homeland security; and trustable computing systems.

Health Care

• The Health Center has earned full accreditation from The Joint Commission, a national hospital accrediting body, for John Dempsey Hospital and its inpatient behavioral health services. The accreditation recognizes the Health Center’s dedication to complying with the Commission’s state-of-the-art standards on a continuous basis. With accreditation comes The Joint Commission’s Gold Seal of Approval™.

• UConn’s Office of Audit, Compliance and Ethics was recognized with the Best Practice Award by the Health Ethics Trust, a division of the Council of Ethical Organizations, a national non-profit group focusing on healthcare compliance. The award is for the University-wide risk assessment process and compliance monitoring plans at the Health Center, a collaborative effort involving the compliance and audit staffs from both the Storrs campus and the Health Center. The annual Best Practices selection is a peer-reviewed process that accepts proposals from for-profit and non-profit organizations. UConn is the only award winner in the higher education/academic medical center category.

• The Pat and Jim Calhoun Cardiology Center at the Health Center received the Get With The Guidelines—Heart Failure Bronze Performance Achievement Award from the American Heart Association. The award recognizes the Health Center’s success in treating heart failure patients for at least 90 days with 85 percent compliance to core standard levels of care outlined by the American Heart Association and the American College of Cardiology. Get With The Guidelines is a quality improvement initiative that provides hospital staff with tools that follow proven evidence-based guidelines and procedures in caring for heart failure patients to prevent future hospitalizations. Treatment guidelines include aggressive risk reduction therapies such as cholesterol-lowering drugs, beta-blockers, ACE inhibitors, aspirin, diuretics, and anticoagulants in the hospital. Patients also receive alcohol and drug use and thyroid management counseling as well as referrals for cardiac
rehabilitation before being discharged. According to the American Heart Association, 5.7 million people suffer from heart failure, and more than 292,200 die each year of heart failure.

- Robert Fuller, chief of service in the Health Center Emergency Department, was named one of the Connecticut Hospital Association’s 2010 “Healthcare Heroes.” He was one of 10 Connecticut health care professionals so recognized for the work both in their field and in the community at large. He was among the first physicians to arrive in Port-au-Prince on a mission with the International Medical Corps following the earthquake that devastated Haiti in January.

- Six Health Center physicians were named to the prestigious “America’s Top Doctors” list for the region. Physicians are nominated by their colleagues if they are clinically outstanding, both on the regional and national levels, and if they demonstrate interpersonal skills such as listening and communicating effectively, demonstrating empathy, educating with information, and instilling trust and confidence. The October issue of Hartford Magazine contained the annual Top Doctors list with more than 300 physicians in more than 50 specialties named in greater Hartford. Of those physicians, 64 see patients at the UConn Health Center in a wide variety of specialties ranging from cardiology to orthopaedics.

- Elizabeth Swallow, M.D. ’83, announced a $3 million planned gift intention to support the School of Medicine and the School of Fine Arts. It would be the largest gift ever received from a graduate of the School of Medicine.

- Governor M. Jodi Rell proclaimed March 25, 2010, as Connecticut Migrant Farm Workers Day in honor of Marcia Trape-Cardoso, associate professor of Medicine at the Health Center who passed away in September 2009. The Connecticut Council for Occupational Safety and Health set up the Marcia Trape Farm Worker Health Memorial Fund to continue to serve the farm worker community. Trape joined the Health Center in 1992 as the medical director of the Employee Health Service and achieved national recognition in the field of employee health with a focus on work-related exposures to health care workers; she had an active role in training medical students and residents in occupational medicine.

**Athletics**

- The University of Connecticut women’s basketball team in 2010 won its seventh National Collegiate Athletic Association (NCAA) Division I Basketball Championship. The team also finished the season undefeated, the regular season champions of the BIG EAST, and the winners of the BIG EAST conference tournament championship.

- UConn’s women’s basketball player Maya Moore was named the “2010 ESPN The Magazine Academic All-America of the Year” for women’s basketball in the University division, as selected by the College Sports Information Directors of America (CoSIDA). Moore is the third UConn women’s basketball player to earn ESPN The Magazine Academic All-America of the Year status, now standing with Rebecca Lobo (1995) and Jennifer Rizzotti (1996).

- The national champion UConn Women’s Basketball team met with President Barack Obama at the White House in May. The President called them “the best team in all of sports” last year. The team members presented President Obama with a personalized #1 UConn jersey, along with an autographed basketball.

- Former University of Connecticut women’s basketball standout Rebecca Lobo was officially inducted into the Women’s Basketball Hall of Fame in Knoxville, Tennessee. Lobo is a sideline reporter and analyst for ESPN and serves as a member of the University’s Board of Trustees.

- The UConn Baseball Team had one of its greatest seasons this year with a 22-game winning streak, winning more games than in any previous year since 1896. The team also was named a No. 2 seed in the NCAA tournament, hosted the regional tournament site in Norwich and had its first NCAA tournament win since 1979. It was the first time a baseball NCAA regional had been hosted in New England in two decades.
The University’s football team was the recipient of the “2009 FedEx Orange Bowl-Football Writers Association of American Courage Award.” The Huskies persevered throughout the 2009 season after the tragic death of starting cornerback Jasper Howard. The Courage Award was created and presented by ESPN The Magazine. The criteria for nomination include displaying courage on or off the field, including overcoming an injury or physical handicap, preventing a disaster, or living through hardship.

Two funds have been established by the UConn Division of Athletics to honor UConn’s football student-athlete Jasper Howard, a starting cornerback who died October 18 after being stabbed on the Storrs campus. The Jasper T. Howard Endowed Scholarship will be annually awarded to the UConn football student-athlete who plays at the cornerback position and who best displays the outstanding leadership qualities which Jasper embodied. The Jasper Howard Fund was established to assist Jasper’s family with expenses such as funeral costs, travel expenses attending the memorial service and support for Jasper’s new-born child, in a manner consistent with NCAA guidelines.

UConn football head coach Randy Edsall was the recipient of the 2010 Leadership Award of the Connecticut Martin Luther King Jr. Holiday Commission during the commission’s 24th Annual National Liberty Bell Celebration. The commission was formed in 1986 to ensure that the commemoration of King’s birthday is meaningful to the spirit with which he lived and the struggles for which he died.

Both the UConn Women’s and Men’s Swimming and Diving Teams received the 2009 Scholar All-American Team Honors from the College Swimming Coaches Association of America. The honors are awarded annually to teams that achieve a cumulative GPA of 3.0 or higher on a 4-point scale.

Two retired UConn administrators shared the 2010 Dr. A.J. Pappanikou Outstanding Contribution Award from the UConn Club. The award is presented annually to individuals who have made a significant contribution to the Division of Athletics. Lorraine Aronson, retired vice president and chief financial officer, and Scott Brohinsky ’76 J.D., retired director of university relations, were honored for their active involvement with UCONN 2000 and their support for construction of Rentschler Field, the financing of The Burton Family Football Complex and the Mark R. Shenkman Training Center, and renovations to Harry A. Gampel Pavilion.

Fundraising for Charities and UConn

A $600 million capital campaign called Our University. Our Moment. The Campaign for UConn, the largest such effort in the more than 125-year history of the University, was launched in September with the goal of further securing UConn’s place as a national and international leader in higher education. The campaign aligns with UConn’s Academic Plan, which focuses on providing support for critical areas in undergraduate and graduate education, research, diversity, and public engagement. In addition to growing the University’s endowment, other campaign priorities include increasing the student scholarship and fellowship funds, establishing new endowed faculty positions, and enhancing programs responsive to the Academic Plan. Campaign goals include $200 million for undergraduate education, $135 million for graduate and professional education, $110 million for athletics, and $155 million for the Health Center. A total of $239 million has been raised to date.

Donations and endowment investments result in the addition of endowed chairs and professorships, expansion of merit-based student aid, major support for facilities in business, athletics, and the arts, and funding for many academic program initiatives. About 30,000 individual donors contribute to support the University each year.

The inaugural “White Coat Gala” to benefit the Health Center was held at the Hartford Marriott Downtown. The event was attended by nearly 500 people and raised more than $450,000 for Health Center clinician-scientists who integrate clinical care, research and basic science to bring research discoveries to the bedside. The honoree of the evening was Board of Trustees Distinguished Professor of Medicine Lawrence G. Raisz, M.D., who has earned international prominence and
numerous prestigious awards for his groundbreaking work in the management of osteoporosis and metabolic bone disease. At the Health Center, he headed the Endocrinology and Metabolism Division until 1997 and served as the first program director of the Lowell P. Weicker, Jr. General Clinical Research Center. He has been the director of the Center for Osteoporosis since its inception in 1990 and is associate director of the New England Musculoskeletal Institute.

- This year’s HuskyTHON Dance Marathon raised more than $150,228 for the Connecticut Children’s Medical Center in Hartford and for the national Children’s Miracle Network. The 24-hour marathon, held each spring at the Storrs campus, is the University’s largest student-run philanthropic event. In the past eleven years, HuskyTHON has raised over $440,000 for these two organizations.
- Timothy Holt ’75, chairman of the Board of Directors of the University of Connecticut Foundation, and his wife, Beverly, announced a major campaign gift of $401,000 including $150,000 to establish the Timothy A. and Beverly C. Holt Economics Fellowship and $251,000 toward the fund for a new Huskies Basketball Team practice facility. Holt, a retired senior vice president and chief investment officer at Aetna, credits his education at UConn for helping with his professional success. The Holt Economics Fellowship will provide essential support for graduate students who are conducting research, teaching undergraduate classes, and preparing to be the next generation of economics leaders.
- Nancy H. and David E. Bull, with deep ties to the Cooperative Extension System and a lifelong passion for 4-H, have provided seed funds to take innovative new ideas from concept to implementation. The couple’s 250,000 planned gift will be split between two existing funds: the Cooperative Extension System Innovation Programming Fund and the 4-H Centennial Account. Nancy Bull, vice provost for academic administration at UConn, has worked with the Cooperative Extension System for more than 30 years.

Individual Achievement Examples

Many individuals in the University community contributed academic and scholarly achievements and services to the University, the state and beyond. Examples include the following:

- Jon Bauer, clinical professor at the Law School, was the recipient of an award from the Americans with Disabilities Act Coalition of Connecticut, Inc. He was honored for his work to end discrimination in the bar admissions process against applicants diagnosed with, or treated for, mental health or substance abuse disorders. Since 2002 Bauer has directed the Asylum and Human Rights Clinic, a clinical program in which law students represent refugees who have fled from persecution and are seeking asylum in the United States.
- Alan Cementina, associate professor of Family Medicine in the School of Medicine, was honored with the Health Center’s David D. Schmidt, M.D. Award. He was selected for promoting the highest ideals of family medicine and being committed to family-centered care for both the individual and the community.
- Mun Y. Choi, dean of the School of Engineering and professor of Mechanical Engineering, has been appointed to the state’s Renewable Energy Investment Board, better known as the Connecticut Clean Energy Fund. The 15-member board promotes, develops, and invests in clean energy sources for the benefit of Connecticut rate payers. The Clean Energy Fund, administered by Connecticut Innovations, is funded by a surcharge on residential and commercial electric bills. The fund has supported more than $100 million in projects, commitments and program allocations statewide since its creation in 2000.
- Robert Chudy, director of the Department of International Services and Programs, was honored by the Korea Foundation, an organization affiliated with the Ministry of Foreign Affairs and Trade of the Republic of Korea, for service to Korea. He was one of 54 former Peace Corps volunteers invited to
visit Korea in 2009. Chudy had served in the Peace Corps at Pusan National University in Korea from 1972-1977.

- Daniel Civco, professor of Natural Resources and the Environment in the College of Agriculture and Natural Resources, received the 2010 SAIC/Estes Memorial Teaching Award of the American Society for Photogrammetry and Remote Sensing. The award recognizes individual achievement in the promotion of remote sensing and Geographic Information Systems technology, and applications through educational efforts. Award recipients are chosen based on documented excellence in education, teaching, mentoring, and training. Civco is director of the Center for Land use Education and Research (CLEAR) and co-founder of the Laboratory for Earth Resources Information Systems (LERIS) at UConn, as well as a co-principal investigator of the NASA-funded Regional Earth Resource Applications Center.

- Michael Coyne, associate professor of Educational Psychology and a researcher in the Neag School of Education’s Center for Behavioral Education and Research, has been awarded nearly $4.5 million in federal grants to study how schools can help poorly prepared kindergarten children bolster reading skills. Coyne recently received the Distinguished Early Career Research Award from the Council for Exceptional Children, a national special education advocacy group.

- Kenneth Fuchs, professor of Music in the School of Fine Arts, was inducted into the 2009 Signature Sinfonian class of inductees by the Phi Mu Alpha Sinfonian, the oldest and largest music fraternity for men. Fuchs, an award-winning composer of music for orchestra, band, and chorus, was recognized for a “lifetime of excellence.” The award recognizes alumni members who have achieved a high standard of accomplishment in their field or profession.

- Maria Godina, associate professor of Mathematics in the College of Liberal Arts and Sciences, will spend a semester in residence at Cornell University as the winner of the Ruth I. Michler Memorial Prize awarded by Cornell and the Association for Women in Mathematics. The award will fund her residency to study the geometry of infinite dimensional curved spaces and random processes in these spaces, such as Brownian motion, a mathematical model used to describe the random movement of particles suspended in a liquid or gas. The $45,000 prize honors mid-career faculty women in mathematics and provides an opportunity for them to focus on research, with no teaching obligations.

- Cato T. Laurencin, vice president for health affairs at the Health Center and dean of the School of Medicine, was one of 22 recipients of the U.S. Presidential Award for Excellence in Science, Mathematics, and Engineering Mentoring. The award, presented at the White House by President Barack Obama, recognizes individuals or organizations for the crucial role of mentoring in the academic and personal development of students studying science or engineering at any grade level. Laurencin, who also holds professorships in Orthopaedic Surgery in the School of Medicine and in Chemical and Biomolecular Engineering in the School of Engineering, is a Fellow of the American Surgical Association and the American Academy of Orthopaedic Surgeons and has been named to America’s Top Doctors and to the 100 Chemical Engineers of the Modern Era.

- Gene E. Likens, research professor of Ecology and Evolutionary Biology in the College of Liberal Arts and Sciences, was named an “Einstein professor” by the Chinese Academy of Sciences in recognition of his work as a pioneering ecologist. Likens, who co-discovered acid rain, went to China to receive the award. He also received an honorary degree from Jinan University. Each year the China Academy of Sciences awards Einstein professorships to 15-20 international scientists who are actively working at the frontiers of science and technology. Liken won the National Medal of Science in 2001.

- Kenia Mansilla-Rivera, assistant professor of Family Medicine in the School of Medicine, was awarded the Health Center’s Henry M. Feder Jr., M.D. Teaching Award. She was selected by the graduating class as the faculty member who has made the most outstanding contribution to the teaching of residents in the program.

- Robert McCarthy, dean of the School of Pharmacy, received the American Pharmacists Association’s Academy of Student Pharmacists Outstanding Dean Award. The award recognizes deans who have
made significant contributions to the Association/Academy Chapter and have promoted with distinction the welfare of student pharmacists through various community service, leadership, and professional activities. McCarthy is the sixth dean in the country to receive the award.

- Michael Pikal, Pfizer Distinguished Chair in Pharmaceutical Technology and director of the Center for Pharmaceutical Processing Research in the School of Pharmacy, received the Distinguished Pharmaceutical Scientist Award from the American Association of Pharmaceutical Scientists. The award, the highest honor bestowed by the association, recognizes the outstanding accomplishments of an individual who has significantly advanced the frontier of the field and demonstrated a continued effort in the testing and establishment of basic concepts. Pikal is a globally recognized authority on freeze-drying technology and led a team that discovered a way to make a specialized clotting complement used to treat bleeding disorders.

- Joseph Renzulli, Board of Trustees Distinguished Professor of Educational Psychology in the Neag School of Education, was awarded the 2009 Harold W. McGraw Jr. Prize in Education. The prize recognizes outstanding individuals who have dedicated themselves to enhancing learning in the U.S. Renzulli holds the Raymond and Lynn Neag Chair of Gifted Education and Talent Development and is director of The National Research Center on the Gifted and Talented. For over 30 years, Renzulli’s Schoolwide Enrichment Model has been used in more than 2,500 schools nationwide to improve attitudes toward and achievements in gifted education.

- Eliana Rojas, assistant professor-in-residence of Curriculum and Instruction in Neag School of Education was selected the Latina Citizen of the Year by the Connecticut Latino and Puerto Rican Affairs Commission. Her research and work focus on building bridges through collaborations and partnerships between University faculty, educational institutions, communities, parents, and students in the U.S. and Latin America. She also has been an advisor for the Society of Hispanic Professional Engineers and on the advisory board for UConn’s Puerto Rican and Latin American Cultural Center.

- David Rowe, professor of Genetics and Developmental Biology and director of the Center for Regenerative Medicine and Skeletal Development at the Health Center, was the recipient of the 2010 UConn Health Center Board of Directors Faculty Recognition Award. The award recognizes Rowe’s outstanding contributions to research, teaching, and mentoring. Rowe’s main research interest is the human genetic disease Osteogenesis imperfecta, commonly known as brittle bone disease. He is also one of the lead researchers in UConn’s new Stem Cell Institute.

- James Rusling, professor of Chemistry in the College of Liberal Arts and Sciences at Storrs and professor of Cell Biology in the School of Medicine at the Health Center, received the Division of Analytical Chemistry Award in Electrochemistry from the American Chemical Society. The award recognizes an individual who through scholarly activity has definitely and uniquely advanced the field of electrochemistry. Rusling is an elected Fellow of the U.S. Electrochemical Society and the International Union of Pure and Applied Chemistry.

- Pedro E. Segarra, UConn alumnus of both the School of Social Work (MSW ’82) and the School of Law (JD ’85), was sworn in as the new Mayor of Hartford in 2010. He was the former Hartford City Council president until the resignation of the former mayor and will hold the mayor’s seat until the next election in 2011. While in law school, Segarra was a founding member of the Latino Law Student Organization and became the organization’s first president. He also is a founding member of several Hartford community organizations serving Latinas/os.

- William S. Simon, who earned a bachelor’s degree in economics and an MBA from UConn in the 1980’s, became the president and chief executive officer of Walmart U.S. this year. The company, which has retail units in 55 different countries, manages more than 3,700 stores and 1.3 million associates in the U.S. Simon returned to the UConn campus in 2007 to celebrate the MBA Program’s 50th anniversary and in 2009 to give a presentation to MBA students.

- Four women affiliated with the University of Connecticut were award recipients at the Connecticut Technology Council’s annual Women of Innovations Awards gala. The awards honor women in the Connecticut work force who are innovators, role models, and leaders in the fields of technology,
science, and engineering. The UConn recipients were: Heidi Douglas, a 1977 University alumna and a member of the School of Engineering Advisory Board, honored for entrepreneurial innovation and leadership; Marja Hurley, associate dean, professor of Medicine, and director of the Office of Health Career Opportunity Programs at the Health Center, honored for academic innovation and leadership; Baikun Li, assistant professor of Civil and Environmental Engineering in the School of Engineering, honored for research innovation and leadership; and Claire Weiss, a doctoral student and researcher in the Institute of Materials Science and School of Engineering, honored for collegiate innovation and leadership.

- Two UConn faculty members were elected as Fellows of the American Association for the Advancement of Science (AAAS): Leo Lefrancois, professor of Immunology in the School of Medicine at the Health Center, and Sanguthevar Rajasekaran, UTC Chair Professor of Computer Science and Engineering in the School of Engineering. Leo Lefrancois, director of both the Center for Integrated Immunology and Vaccine Research and the Flow Cytometry Facility, was recognized for his contributions to the understanding of T cell memory responses, trafficking, and development. T cells, also known as T lymphocytes, are cells that are instrumental in the development and function of the body’s immune system. Sanguthevar Rajasekaran, founder of the International Conference on Bioinformatics and Computational Biology, was recognized for his contributions to the fields of applied algorithms, randomized computing, parallel computing, and bioinformatics. AAAS is an international non-profit organization dedicated to advancing science around the world. Its activities include educational and policy initiatives and the publication of the journal *Science*. Fellows are elected by their peers in recognition of their scientific contributions.

- Two Chemistry assistant professors in the College of Liberal Arts and Sciences were recipients of the NSF Faculty Early Career Development (CAREER) award, the federal agency’s most prestigious recognition of the career development of promising teacher-scholars who integrate research and education. Jose Gascon was awarded $600,000 to develop protocols for efficiently and accurately describing the electronic structure of a protein, integrating different levels of theory, including quantum and classical mechanics. Gascon’s research is directed toward learning more about how proteins interact with each other and to find better ways to describe interactions between drugs and a particular pharmaceutical target. Nicholas Leadbeater was awarded $575,000 for a research in organic chemistry, using microwaves for making chemical reactions cleaner and faster and monitoring the reactions as they run. Leadbeater is developing ways to scale up microwave chemistry so that larger amounts of materials can be synthesized - kilos or liters, instead of milligrams produced in small microwaves. Both CAREER grants cover a five-year period.

- The recipients of the Humanities Institute’s fellowship awards for 2009-10 were: Residential Fellow – Naeem Murr, Creative Writing; UConn Faculty Fellows – in College of Liberal Arts and Sciences: Clare Eby, professor of English (Greater Hartford campus), Glen MacLeod, professor of English (Waterbury campus), and Jennifer Terni, assistant professor of Modern and Classical Languages; in School of Fine Arts: Janet Pritchard, associate professor of Art and Art History, and Glenn Stanley, professor of Music; Graduate Dissertation Fellowships – in College of Liberal Arts and Sciences: Jennifer Lynn Holley, English, and Sherry Zane, History.

**Academic Programs**

In Fall 2009, 29,517 students were enrolled in degree credit programs in: College of Agriculture and Natural Resources, College of Liberal Arts and Sciences, and the Schools of Business, Neag Education, Engineering, Fine Arts, Graduate, Nursing, Pharmacy, and Ratcliffe Hicks at the Storrs campus, the five regional campuses (Avery Point, Greater Hartford, Stamford, Torrington, Waterbury), the School of Law and Graduate Business Learning Center in Hartford; the School of Social Work in West Hartford; and the Schools of Medicine and Dental Medicine and graduate programs at the Health Center in Farmington. The enrollment represents the largest number of students ever at the University.
The number of freshmen applying to UConn has risen dramatically, from 10,809 for Fall 1995 to 23,289 for Fall 2009. The increased interest has been attributed to the physical transformation of the University through the state-supported UCONN 2000 and its continuation into 21st Century UConn, the quality and efforts of the University’s academic departments and faculty, the success of Husky athletic teams, and the perceived value of a top quality education at a reasonable cost.

Nearly 4,400 new freshmen and more than 1,000 new transfers joined the UConn community in Fall 2009. At all of UConn’s campuses, three-fourths of the new freshmen were Connecticut residents, and 24 percent were from minority groups.

The average combined reading and math SAT score for Storrs enrolled freshmen has risen 100 points since 1997, to 1212 for the Fall 2009 entering class. The Fall 2009 entering freshman class included 87 valedictorians and salutatorians, bringing the total since 1995 to 1,169 at all campuses.

At the Health Center, the Fall 2009 incoming class included 41 new dental students and 85 new medical students (3 percent of the applicants to the Schools of Dental Medicine and Medicine). Nearly 29% of the dental and medical students were from minority groups.

More than 7,040 degrees were conferred in FY 2009-10 for completions of undergraduate, graduate, and professional programs at the Storrs, regional and Health Center campuses. The degrees awarded included: 4,606 bachelors, 1,438 masters, 309 doctoral, 69 education sixth-year, and 26 agricultural associates. The graduate professional programs awarded 75 medicine (M.D.), 40 dental medicine (D.M.D.), 100 doctor of pharmacy (Pharm.D.), 249 law (J.D. and LL.M.) degrees and 134 post-baccalaureate professional certificates. Since its founding in 1881, the University has conferred 249,490 degrees and credit program certificates.

The May Commencement included the following speakers, including seven alumni, for the undergraduate ceremonies: Geno Auriemma, head coach of the NCAA Champion UConn Women’s Basketball Team; Keith R. Fox ’80, chief executive officer of the Keith and Pamela Fox Family Foundation and the software consulting company Brandsoft; Robert Glidden, a national expert on university accreditation and standards and retired president of Ohio University; Robert P. Madonna ’82, founder and chief executive officer of Savant Systems; Beverly Malone, chief executive officer for the National League of Nursing; Jerold Mande ’78, deputy under secretary for food safety, U.S. Department of Agriculture; Julie Armstrong Muth ’95, ’08 M.S., director of nursing/quality at New York Presbyterian Hospital/Payne Whitney; Joseph D. Palo ’73, ’81 M.B.A., president of JD Pharma LLC; and Michael Turvey, emeritus professor of psychology at UConn and nationally known for this work in perception and coordinated movement. Speakers for the graduate and professional ceremonies included: Scott S. Cowen ’68, president of Tulane University and recipient of the Carnegie Corporation Academic Leadership Award, for the Storrs-based graduate programs; Joseph T. DiPiro ’78, executive dean of the South Carolina College of Pharmacy, for the School of Pharmacy (Pharm.D.); Linda Greenhouse, Knight Distinguished Journalist-in-Residence and Joseph Goldstein Lecturer in Law at the Yale Law School, for the School of Law; and Samuel Shem, pen name of Stephen Bergman, a physician, novelist, playwright and activist who was a Harvard Medical School faculty member for over 30 years, for the Schools of Medicine and Dental Medicine. Three honorary Doctor of Humane Letters degrees were conferred by the University at its May Commencement ceremonies: Scott Cowen ’68, who was also a commencement speaker; Wendell G. Minor, illustrator and designer of covers for more than 2,000 books; and Narissa Ramdhani ’92 M.A., former anti-apartheid activist and a leading South African cultural archivist.

A generous donation of high-end computer equipment by Blue Sky Studios, the award winning creator of such popular animated feature films as the Ice Age series, has propelled the University’s digital media program into national prominence. Blue Sky Studios donated two racks of processors, one to the Department of Dramatic Arts in the School of Fine Arts and the other to the Department of Computer Science and Engineering in the School of Engineering. The high-speed digital animation processors, more commonly known as a “render farm”, greatly expand the University’s creative capabilities, expose students to cutting-edge technology, and help prepare a highly trained workforce to compete in today’s vibrant digital media industry. The donation puts the University’s digital media production capabilities into the top 1 percent among universities nationally. Department of Dramatic Arts plans collaborations
with the School of Engineering, the Department of Journalism in the College of Liberal Arts and Sciences, and the Department of Marketing in the School of Business to offer students interdisciplinary digital media studies responsive to the demands of today’s advertising, marketing, and film industries, which call for proficiency in marketing, journalistic research and expression, and creative design and technology to create brand messages at the national and international levels.

The School of Business announced a new undergraduate degree program to be offered at the Hartford, Stamford, and Waterbury regional campuses. The Bachelor of Science in Business Administration (BSBA) provides an interdisciplinary general business major to regional campus students interested in becoming effective general managers in nonprofit/public sector organizations as well as for profit businesses. Although the core business curriculum of the BSBA is similar to the other regional campus undergraduate business program – the Bachelor of Science in Business and Technology (BSBT) – the BSBA requires additional work in marketing, finance and management.

The interdisciplinary Center for Environmental Sciences and Engineering (CESE) has received a pledge of $250,000 from Sheldon Kasowitz ’83 and his wife, Samantha, for environmental education and research. This gift, which follows their earlier contribution of seed funding for CESE, will enable CESE to support student research and to unite the social sciences and biophysical sciences in the understanding of environmental dynamics and the provision of science-based guidance to management, conservation and policy. The center has over 75 faculty members from the natural and social sciences, as well as from engineering and agriculture, to collaborate on projects such as remediation, restoration and policy solutions to global challenges such as the loss of biodiversity, infectious diseases, pollution, and deteriorating air and water quality. The center’s new biodiesel testing lab is catalyzing the development of the Connecticut region’s green energy sector. The environment is an area of excellence identified in UConn’s academic plan as a top priority for investment and development.

The School of Nursing celebrated the opening of a new simulation lab at the Stamford regional campus. Using state-of-the-art computers and advanced-technology mannequins, nursing students are exposed to serious health conditions they will experience in real clinical settings. The lab will enhance the Masters Entry into Nursing (MbEIN) program designed to address the critical nursing shortage in Connecticut. MbEIN fast-tracks students who hold bachelor’s degrees in other fields to complete their master’s degree in nursing within one year. The lab was made possible by more than $250,000 in gifts from hospitals in Greenwich, Norwalk and Stamford.

School of Engineering administrators visited Egypt to develop broader educational and research partnerships with universities and research institutes in that country. Engineering Dean Mun Y. Choi, Computer Science and Engineering (CSE) Department Head Reda Ammar, and CSE Undergraduate Coordinator Robert McCartney met with officials from Akhbar Alyoum Academy to begin plans for the academy’s enhanced B.S. degree program in computer science that will have curricular requirements similar to those for the UConn’s computer science degree program. The goal is to have graduates of the academy prepared with the foundational knowledge required to successfully pursue graduate studies at UConn. The Engineering administrators also met with research partners from the National Authority of Remote Sensing and Space Sciences, the Electronics Research Institute, and the Mubarak City for Science and Technology, and visited the American University in Cairo with whom UConn has established study abroad agreements.

The Honors Programs received an endowment gift of $1 million from Carlotta Holster ’68 and Robert Holster ’68 to support activities designed to enrich the academic experience for honors students, such as undergraduate research, international travel, and academic and creative projects. Robert Holster, chairman of the board and former chief executive officer of HMS Holdings Corp, which coordinates health care benefits between government entitlement programs and the health insurance industry, credits his professors during his first year at UConn with inspiring a lifelong passion for learning and preparing him for success throughout this life. The Honors Program enrolls 9 percent of the undergraduate population at the main campus in Storrs. For students entering the program in Fall 2009, the average combined critical reading and math SAT score was 1395 and the average class rank was the 95th
percentile; 26 percent of students entering the program are from underrepresented ethnic or economic backgrounds.

UConn’s Office of First Year Programs and Learning Communities received a $203,000 grant from the Davis Educational Foundation to integrate freshman writing courses into the Learning Community experience of students. In collaboration with the Freshman English Program, UConn piloted in Fall 2009 Learning Community-themed sections of a required four-credit academic writing seminar for students involved in three Learning Communities - Community Service House, EcoHouse and Environmental Science. The pilot demonstrated that providing a context for writing allows students to explore themes in a more powerful and relevant way, and because the writing was so content driven, students wrote with more rigor, complexity, and style. The Davis grant supports further curricular planning between writing instructors, first-year-experience instructors, and Learning Community team members to refine and implement a coherent academic model that embeds writing into the content specific goals of each Learning Community.

Living and Learning Communities (LLCs) allow students with a similar major or interest to choose to live together in a residence hall and to have an integrated, interdisciplinary educational experience. Students in each community are enrolled in a 1-credit seminar course together, and engage in other activities as a community outside of class. These activities include social and cultural events, study groups, volunteer work in areas of interest, opportunities for internships, interacting one-on-one or in small groups with faculty, staff, peer mentors and guest speakers, and field trips. Students in some communities take additional courses together. At the Storrs campus interest LLCs open to all majors include the Community Service House, Connecting with the Arts, EcoHouse, Global House, Leadership House and Public Health House. Major or program LLCs include Business Connections, EUROTECH, Exploratory Majors, Fine Arts, Honors Program, Music, Nursing, (Pre-)Pharmacy, and WiMSE (Women in Math, Science and Engineering). Other Learning Communities without a living component introduce students to a major or profession: Allied Health, Animal Science, Chemistry, Environmental Science, Exploring Helping Professions, Pathobiology, Pre-Communication Sciences, Pre-Journalism, Pre-Teaching or SSS Program. The Avery Point campus offers the Learning Community of Local Environments/Global Citizens.

Many academic scholarship funds are developed and expanded through gifts and endowments. Some recent examples include:

- Patrick Campion ’83 has given $50,000 for the establishment of the Patrick M. Campion Scholarship Fund in the College of Liberal Arts and Sciences, with a President’s Challenge match that will double the award students receive from his gift. This scholarship will help those students academically capable of getting into UConn but who don’t have the resources to pay for college. Patrick credits his UConn education and working his way through school, including jobs in UConn’s student union, residential life and the Liberal Arts and Sciences dean’s office, for making his later success in business possible. He is the chief executive officer of the U.S. Private Bank in New York City.
- Cato T. Laurencin, vice president for health affairs and dean of the medical school, and his wife, Cynthia, created a fellowship for School of Medicine students, in honor of his mother. The Helen I. Moorehead-Laurencin, M.D. Research Fellowship Fund supports students who have demonstrated academic achievement and who have summer research projects. In addition to contributing a major gift to create the fund, Laurencin will apply to the fund the $10,000 presented to him as recipient of a U.S. Presidential Award for Excellence in Science, Mathematics, and Engineering Mentoring.
- John Lof, emeritus professor of Engineering, has provided a bequest of $1 million, the sum total of his retirement benefits, for graduate education in the School of Engineering. As a former director of the University’s Computer Center, Lof spent thousands of hours helping faculty, staff and students understand the use and usefulness of computer. In memory of his wife, Ruth, Lof also left $100,000 to establish the Ruth and John Lof Fund for Natural History at the Connecticut State Museum of Natural History at UConn.
• Antonio Romano, dean emeritus of the College of Liberal Arts and Sciences, and his wife, Marjorie “Jean” Romano ’77 M.S., established an endowed fellowship for students in the Department of Molecular and Cell Biology, with the hope of assisting future microbiologists. The Antonio H. and Marjorie J. Romano Graduate Education Fund will offer recipients with year-round funding to supplement assistantships during the school year and to continue their research through the summer.

• Jack Rowe, former chair of the University’s Board of Trustees, and his wife, Valerie Rowe, have pledged a $2 million gift to add support to the existing John and Valerie Rowe Health Professions Scholars Program, which encourages academically gifted students from underrepresented groups and low income families in Connecticut to enter the health professions. The program is administered by the Honors Program at the Storrs campus in partnership with the UConn Health Center.

• Raymond and Beverly Sackler, prominent philanthropists and longtime UConn supporters, made a $100,000 gift to augment the existing Raymond and Beverly Sackler Music Composition Prize Fund for the School of Fine Arts. The prize offers significant recognition for the composer, including public performance, records, and a cash award. The couple has previously generously supported the School of Fine Arts with the Metropolitan Opera fund, the music composition fund, a Master Artists Institute, and an Artist-in-Residence program. The couple also has established funds for genetics and molecular medicine at the Health Center and for a human rights lecture series at the Thomas J. Dodd Research Center.

• Salvatore Scalora ’71, retired associate professor of Art and Art History and former director of the William Benton Museum of Art, and his family created a fund in tribute to his late wife, Mary Scalora ’80, ’92 M.S.W., to help students follow in her footsteps in social work. The Mary-Deane Scalora Endowment Fund provides scholarship support for graduate students enrolled full-time in the master’s degree program at the School of Social Work.

• The Stuart and Joan Sidney Professor of Mathematics endowment gift of $750,000 will support an internationally recognized research mathematician and exceptional teacher in the College of Liberal Arts and Sciences. The four children of Stuart and Joan Sidney, who have dedicated nearly 40 years of service to the University, have established a professorship that will carry on their parents’ legacy of excellence in teaching and commitment to UConn. Stuart Sidney, professor of Mathematics, retired in 2010. Joan Sidney is a poet, writer-in-residence and special research associate at UConn’s Center for Judaic Studies and Contemporary Jewish Life.

• Edward Stentaford ’58, ’63 M.F.A., and Judith Stentaford ’65 M.S., plan to bequeath their entire estate, estimated at $1 million, to benefit the School of Fine Arts. As retired Connecticut public school teachers, and as art collectors and music lovers, they understand the vital role the arts play in society and in the cultural development of students. The Stentaford’s unrestricted gift will be used at the dean’s discretion to support areas of greatest need in the School of Fine Arts.

Three faculty members known internationally for their research were named the 2010 Board of Trustees Distinguished Professors. Jeffrey D. Fisher, professor of Psychology, is the founding director of the Center for Health, Intervention and Prevention (CHIP) at UConn, an interdisciplinary center formed in 2002 that has attracted more than $67 million in external funding. CHIP researchers study the dynamics of health risk behavior and how to change it. Their initial research focus on HIV/AIDS has included public health interventions in locations throughout the globe to curb the HIV epidemic. Recent CHIP research has expanded to cover alcohol and substance abuse, sexual behavior, medication adherence, obesity, cancer, autism, health communication marketing, and virtual reality as a method to study health behavior. Harry A. Frank, professor of Chemistry, is recognized as a leading authority on carotenoids, molecules that have fundamental scientific interest and are commercially important in the vitamin, aquaculture, and poultry industries. His research, supported by grants from NSF and NASA, has revealed new information about how carotenoids work as light-harvesting pigments and as biological colorants in plants, crustaceans, and birds. For more than five years, Frank was an associate dean of CLAS and recently won the UConn American Association of University Professor’s Research Excellence Award. Johann Peter Gogarten, professor of Molecular and Cell Biology, is a leader in studying the evolution of
life, using computational methods for DNA and protein sequence analysis. Gogarten has received more than $5 million in grants from NSF and the NASA Exobiology Program and has published more than 120 articles and co-edited three books.

The Alumni Association announced the winners of its 2010 Alumni and Faculty Awards to recognize alumni and faculty who have made extraordinary contributions to society and the university. The recipients are: Distinguished Alumni Award – David Stockton ’76, director of the Division of Research and Statistics for the Board of Governors of the Federal Reserve System; Honorary Alumni Award – Randy Edsall, UConn’s head football coach since 1998; Alumni Association Service Award – Richard Carbray ’75, owner and pharmacist of Apex Pharmacy and Home Care Center; University Service Award – William Morlock ’57, chairman of the board of the Connecticut State Museum of Natural History and Connecticut Archaeology Center; Humanitarian Award – T. Scott Case ’92, chairman of Network for Food, a non-profit organization that makes it possible for anyone to donate to charities online, and the chief operating officer of Malaria No More, a non-profit agency that promotes private sector assistance to help end deaths caused by malaria; Faculty Excellence in Teaching (Graduate Level) – Bandana Purkayastha, ’99 Ph.D., associate professor of Sociology in the College of Liberal Arts and Sciences.

Five faculty members were recognized by the UConn Chapter of American Association of University Professors (AAUP) in excellence awards for 2010: for research excellence – Harry A. Frank, professor of Chemistry, College of Liberal Arts and Sciences; for research promise – Ofer Harel, assistant professor of Statistics, College of Liberal Arts and Science; for teaching promise – Clare Costley King’oo, assistant professor of English, and Melissa Tafoya, assistant professor of Communication Sciences, both in the College of Liberal Arts and Sciences; and for service - Karla Fox, professor of Marketing, School of Business, and interim department head of Music, School of Fine Arts.

At the annual Instructional Excellence Recognition Dinner, the following teaching and advising award winners were announced: First Year Experience and Learning Communities – Julie Barrows, Physiology and Neurobiology, Brian Boecherer, Early College Experience, Robert Landolphi, Dining Services, and Molly Zuccaro, Animal Science; Outstanding Adjunct Lecturers – Mark Naigles, Mathematics, and Lori A. Smolin, Nutritional Sciences; Teaching Scholar – Thomas Abbott, Molecular and Cell Biology, and Kristen H. Kimball, Physiology and Neurobiology; Outstanding Teaching Assistants – Barbara Gurr, Women’s Studies and Sociology, Sara K. Johnson, Human Development and Family Studies, and Bret Shook, Physiology and Neurobiology; Excellence in Teaching – Margaret Breen, English, Nicholas Leadbeater, Chemistry, Rachel O’Neill, Molecular and Cell Biology, and Kim Price-Glynn, Sociology; The John T. Szarlan Memorial Outstanding Student Mentors – Julie Barrows, Animal Science, and Molly Zuccaro, Physiology and Neurobiology; Honors Program – Lawrence Gramling, Accounting, and Robert Thorson, Ecology and Evolutionary Biology. Many other teaching awards, including those in various academic disciplines, were acknowledged throughout the year.

UConn’s Office of Audit, Compliance and Ethics (OACE) annually submits required reports to the U.S. Environmental Protection Agency. In compliance with the John Dempsey Hospital’s Certification of Compliance Agreement, the UConn Health Center compliance office annually submits a Certification of Compliance Agreement report to the Office of the Inspector General of the U.S. Department of Health and Human Services. OACE also holds annual required compliance training sessions for all University employees to educate them on the Code of Conduct and the University Guide to the State Code of Ethics. Separate sessions are offered to new employees, to staff members for recent updates to last year’s training, and to faculty covering all the elements of the staff updates as well as an overview of the AAUP Consulting Policy.

Facilities Development

UCONN 2000 (also known as 21st Century UConn) building projects in FY 2010 continued with renovations of and additions to several buildings on the Storrs campus, including several building parking lot improvements. New energy efficient windows have been installed throughout the graduate residence
halls on Hillside Road, along with window replacements at East Campus, comprising Whitney, Sprague and Holcomb. The Gulley Hall foundation has been waterproofed, and the installation of sprinkler systems at Northwood and Mansfield apartments, the last two residences on campus to receive new systems, were completed. A new stairway and landscaping from Glenbrook Road to the side entrance of the Student Union has been completed, along with new stairs installed in front of Jorgensen Auditorium and at the entrance to the Greer Fieldhouse. New and renovated instructional and library space at the Avery Point Campus and Law School renovations and improvements also were completed.

The Mansfield Road Realignment Project, an ongoing summer project realigning the State Route 195/Mansfield Road Storrs Entrance intersection, in order to improve vehicle and pedestrian safety, plans to be completed by the start of the upcoming Fall semester. Along with additional turning lanes and new traffic lights, the $1.5 million project also encompasses the installation of new storm drains, including several vortechs separators, which reduce sediment funneling in Mirror Lake.

Current project plans include two new academic classroom buildings that will replace the aging and outdated Monteith and Arjona buildings. Construction has begun on a 67,000 square-foot classroom building being constructed at the site of the former pharmacy building on Fairfield Way, which will initially be known as the West Classroom Building. Construction has also begun on the second new 130,000 square-foot classroom building, being constructed on a vacant space next to the Homer Babbidge Library, which will be initially known as the East Classroom Building. Both new structures are scheduled to be completed in FY11.

All UConn 2000 projects have been re-phased to be in alignment with Academic Plan priorities: enhancement of undergraduate teaching and learning; building upon research and creative activities; improvement of technology support; increase in capacity for modern life science research; and achievement of the standards of the Association for Assessment and Accreditation of Laboratory Animal Care International. The re-phasing of UCONN 2000 enables the University to focus on academic priorities, continue emphasis on deferred maintenance projects, preserve older beautiful buildings, achieve efficiencies by completing code corrections and renovations together, and fund smaller projects while planning for larger projects.

The University has its first “green” roof, a garden of more than 300 raised beds of sedum and other flowing plants installed on 3,600 square feet of a plaza at the Edward V. Gant Complex. The garden, which is intersected by a walkway and includes refurbished benches, provides a fertile area where faculty researchers can analyze whether environmentally friendly roof gardens actually display the abundance of positive properties they are said to offer. UConn researchers plan to study virtually every property environmentalists attribute to a green roof, including whether it will actually reduce runoff, improve the quality of atmospheric deposition of water, reduce the presence of metals in the air above the garden, including mercury, and help regulate the temperature in the building beneath the garden. The research project is supported by a $50,000 grant from the Environmental Protection Agency and the state Department of Environmental Protection.

UConn Health Center’s Emergency Department was recently expanded to add seven new rooms and to provide patients with increased privacy, state-of-the-art technology, and improved efficiency. The “front door” to John Dempsey Hospital, the Emergency Department cares for about 30,000 patients every year and services patients from the towns of West Hartford, Farmington, and surrounding towns. The UConn Health Center is home to the only full-service Emergency Department in the Farmington Valley area. The department staff includes all board-certified emergency medicine physicians and highly-trained physician assistants, nurse practitioners, nurses, and medical assistants. Experts in more than 50 medical specialties including surgery, orthopaedics and cardiology, are always available.

UConn Health Center completed major public safety renovations, including the installation of 60 emergency phones throughout the campus and additional security cameras monitoring the parking lots and other areas, both interior and external. New badge readers are the new gatekeepers to secure areas throughout the campus. Access now requires a current ID badge and corresponding profile updated to reflect the cardholder has authorization to be in a given area. The public safety overhaul includes an upgraded radio communications system, a new dispatch center with computer-aided dispatch technology,
electronic booking capability, a high tech fingerprint machine, a holding cell, enabling campus police to help people overnight if necessary, and the planned implementation of a campus alert notification system.

To further enhance the security of personally identifiable data on University computers, University Information Technology Services (UITS) coordinated a campus wide computer encryption implementation initiative. UITS staff worked with many departments and offices on the Storrs and Regional campuses installing encryption software on University-owned Windows-based desktops and laptops to ensure that sensitive data, such as Social Security numbers and credit card numbers, remained secure, and that unauthorized people cannot gain access to the data even if the computer is lost or stolen. The University-wide encryption took over 18 months, beginning with the areas of highest need and critical areas that work with sensitive data.

Master plan development continues for the 50-acre site of the Storrs Center project that will offer the UConn Storrs Campus and Mansfield community a future village of restaurants and retail stores, offices, and up to 800 units of new housing. The Mansfield Downtown Partnership will leverage the total of $23 million already devoted to it to garner more than $200 million in private investment. A $4.9 million grant from the U.S. Department of Transportation will enable the building of a transportation hub in the heart of the Storrs Center development, which will provide a centrally-located transfer station for University, local, intercity, and express business services, Dial-A-Ride, and Taxi Service. The Mansfield Downtown Partnership and the town of Mansfield applied for the grant through the Greater Hartford Transit District. Storrs Center was one of only two projects in Connecticut to be funded through the recent $293 million federal initiative aimed at creating transit improvements nationwide. Storrs Center is planned in phases to allow flexibility to make changes along the way while remaining focused on bringing together residents, members of the University community, and visitors in a vibrant downtown environment.

Information Reported as Required by State Statute

In accordance with state and federal laws and regulations, the University of Connecticut is an Equal Employment Opportunity/Affirmative Action Employer. The University’s affirmative action plans are in compliance with the requirements of the Commission on Human Rights and Opportunities, pursuant to the Regulations for Affirmative Action in the Connecticut General Statutes.

Fall 2009 minority undergraduate enrollment at all campuses was 21 percent. Graduate and professional minority enrollment was 16 percent. One hundred and five countries were represented among the international students, who comprised 16 percent of the graduate and professional students.

The Fall 2009 workforce for Storrs and regional campuses included 20 percent minority faculty and 15 percent minority staff. At the Health Center, the workforce included 23 percent minority faculty and 23 percent minority staff.

The University of Connecticut Board of Trustees is comprised of 22 members: 13 appointed by the Governor; two elected by alumni; two elected by students; and five ex-officio, including the Governor, the Commissioners of Agriculture, Economic and Community Development, Education, and Motor Vehicles. Members of the Board of Trustees in 2009-10 were: the Honorable M. Jodi Rell (President), Lawrence D. McHugh (Chairman), Louise M. Bailey (Secretary), Dr. Francis X. Archambault, Jr., Michael A. Bozzuto, Gerard N. Burrow, M.D., Richard Colon, Jr. (Student Trustee), Andrea Dennis-LaVigne, D.V.M., Peter S. Drotch, Lenworth M. Jacobs, M.D., Kevin J. Kelleher, Rebecca Lobo, Michael J. Martinez, the Honorable Joan McDonald, the Honorable Mark K. McQuillan, Denis J. Nayden, the Honorable F. Philip Prelli, Thomas D. Ritter, Corey M. Schmitt (Student Trustee), Wayne J. Shepperd, Richard Treibick, and the Honorable Robert M. Ward.

Other information required by state statute appears in other sections of this report.