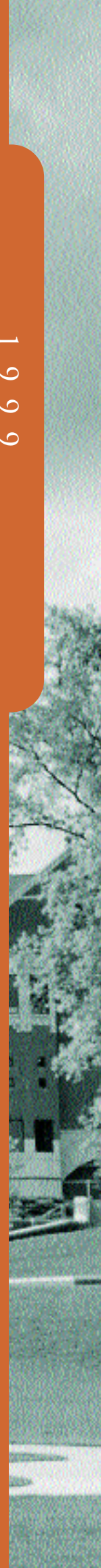




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University of Connecticut President's Annual Report



## Contents

President's Letter	Page 2-5
Record Setting Gift	Page 6-7
The Virtual Cell	Page 8-9
School of Choice	Page 10-11
A Historic Partnership	Page 12-13
Transgenic Research Pioneers	Page 14-15
Billion Dollar Investment	Page 16-17
Unlocking Treasures of the Sea	Page 18-19
A Championship Year	Page 20-21
Year in Review	Page 22-25
By the Numbers	Page 26-28
Board of Trustees	Inside back cover





President Philip E. Austin  
University of Connecticut

The University of Connecticut, long one of New England's great public institutions of higher education, is rapidly advancing from a position of prominence to one of national leadership on multiple fronts. The promise of UCONN 2000, the State of Connecticut's billion-dollar investment in our main campus in Storrs and our regional campuses, is well on its way to fulfillment. The quality of our academic programs, always high, continues to grow as we enhance instruction in a wide range of disciplines and develop centers of excellence in targeted fields. Our outstanding faculty has been strengthened with the recruitment of some of the nation's foremost scholars, and we have made dramatic strides in our effort to offer students a college life experience second to none.

The 1998-99 academic year was particularly noteworthy for the UConn community as we began to realize the results of our recent progress. Nowhere was that more apparent than in the success of our student recruitment efforts. The freshman class witnessed an increase among the highest in the nation, with significant rises in average SAT scores and racial and ethnic diversity. We took great pride in offering our new students a greatly enhanced welcome and orientation program and continued in our progress to offer classroom and laboratory instruction that responds to every student's aspirations and meets every student's needs. We were equally successful in recruiting new men and women to our instructional ranks whose capacity to teach and to generate new knowledge helps us maintain the traditional strength of our faculty. Private fundraising increased to record levels, up 25 percent in 1998-99 from the previous year, and we proudly announced receipt of the largest individual gift ever awarded to a public university in New England, a \$23 million donation from alumnus Ray Neag that included a \$21 million investment in our School of Education, the largest gift ever made to a school of education.

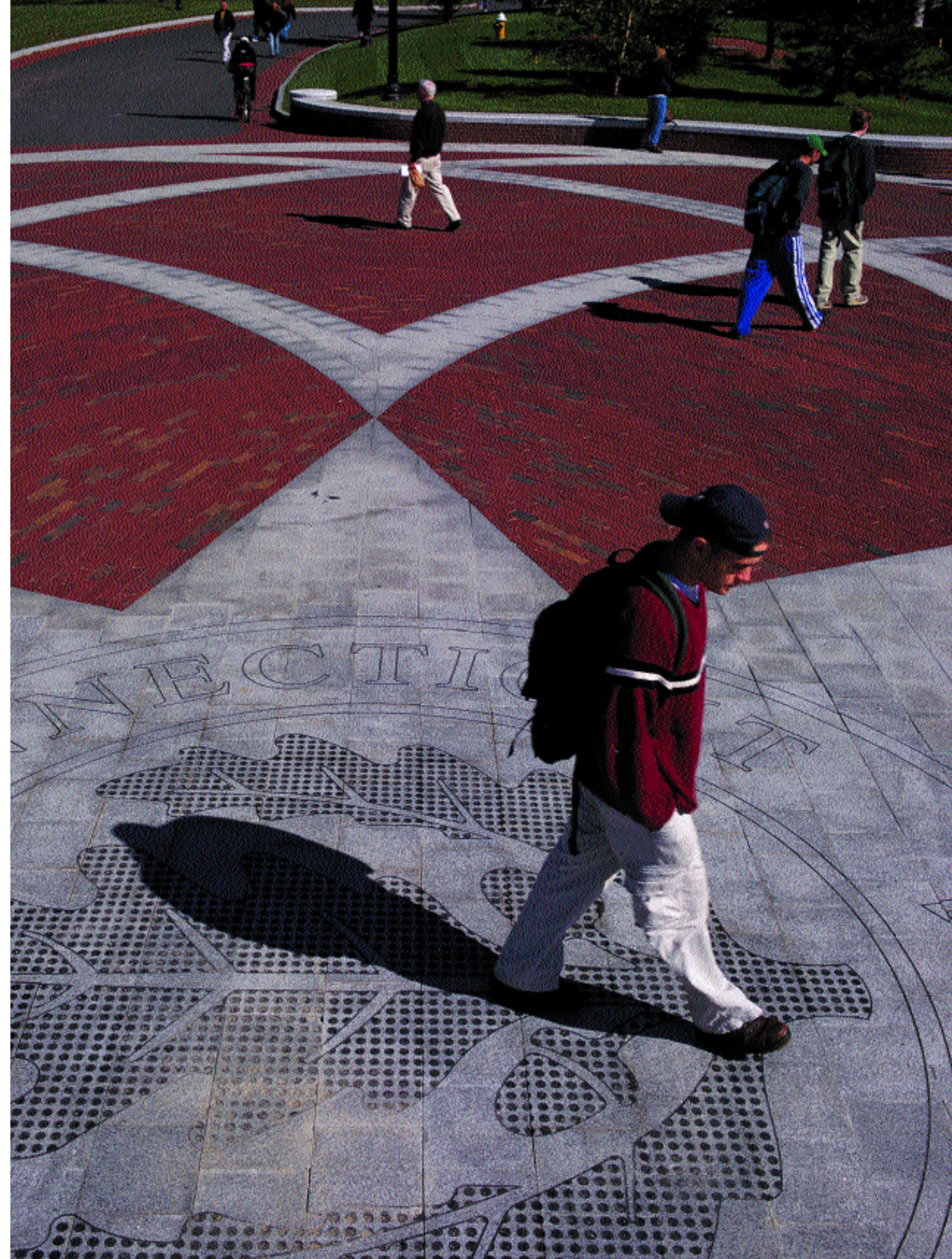
As a land-grant (and, since 1988, a sea-grant) university, UConn's mission incorporates scholarly inquiry and public service as well as instruction, and 1998-99 witnessed major advances in those areas. University of Connecticut research attracted national attention in fields ranging from genetics to photonics. Basic and applied research at UConn made important contributions to Connecticut's economic development. Our commitment to serving the State guided the implementation of collaborative ventures with business, government, nonprofit agencies and elementary-secondary education. And the University's campuses were among Connecticut's foremost centers of quality in the fine and performing arts.

The 1998-99 year, like all active times, presented its share of challenges. The growth in student enrollment caused a housing crunch that will only be remedied with the construction of additional residence halls and student apartments, and we laid the groundwork to meet that need. A proposed collaboration with Pfizer, Inc., to create a center of excellence in animal vaccine research, did not come to fruition, and we are working to assure that future collaborations proceed successfully. The University's Health Center, and particularly John Dempsey Hospital, faces financial challenges not unlike those faced by similar institutions across the country. In 1998-99 we began to take aggressive steps to meet fiscal needs as we maintain the Health Center's role as a vital teaching and research resource for the State of Connecticut.

The year will best be noted for its great dramatic high points. We initiated a partnership with the African National Congress to catalog and preserve the records of the ANC's historic struggle for human rights in South Africa. We achieved a major breakthrough in genetic engineering as our scientists achieved the first successful cloning of an animal from non-reproductive cells. Opening

ceremonies for the South Campus residence hall complex, the Chemistry building, and other facilities demonstrated the ongoing success of UCONN 2000. And the entire University community joined in the celebration of our men's basketball team's NCAA championship, as the team replicated a feat our women's team achieved just a few years earlier.

What follows in these pages are highlights for our 1998-99 academic year. The University of Connecticut enters the 21st century superbly positioned to continue our ascent to the forefront of American public higher education. Thanks to the commitment of the people of Connecticut through their elected representatives, the support of civic and corporate leaders across our State, the generosity of alumni and other friends, and the dedication of faculty, staff, and students, UConn has written one of the nation's great academic success stories. Our prospects have never been brighter.





“This is a strategic investment. I made this decision after careful consideration about how to leverage my assets for the greatest public benefit. I made this gift *now* because of the dramatic transformation occurring at the University of Connecticut and because of my confidence in UConn’s leadership,” says Ray Neag, class of 1956 (pictured at left with wife Carole). “Education made a big difference in my life, and I saw this gift as an opportunity to make a difference in the lives of thousands of school children in Connecticut and the nation.”

## Making a Difference: A Record-Setting Gift Leads the Way

Mr. Neag’s gift—\$23 million to UConn, including \$21 million for the School of Education and \$2 million for the Health Center—is the largest ever to the University. The gift is also the largest given to a school of education in the nation and the largest to a public university in New England. The University Board of Trustees commemorated Mr. Neag’s generosity by voting to rename the school of education the Neag School of Education, making this the second named school at UConn, and only the sixth named school of education nationally.

In addition to Mr. Neag’s commitment, which will be paid out in full over the course of the next several years, academic year 1998-99 was a record-breaking period for private investment in UConn as The University of Connecticut Foundation received \$25.6 million in total charitable gifts from private sources (results in the annual tabulation include only funds actually received). This represents a 25 percent increase over the previous year, continuing a multi-year trend of increased private investment. By comparison, UConn’s level of private giving just four years ago was \$8.2 million. These results are a bellwether that the excitement about the changes underway at the University will continue to grow.

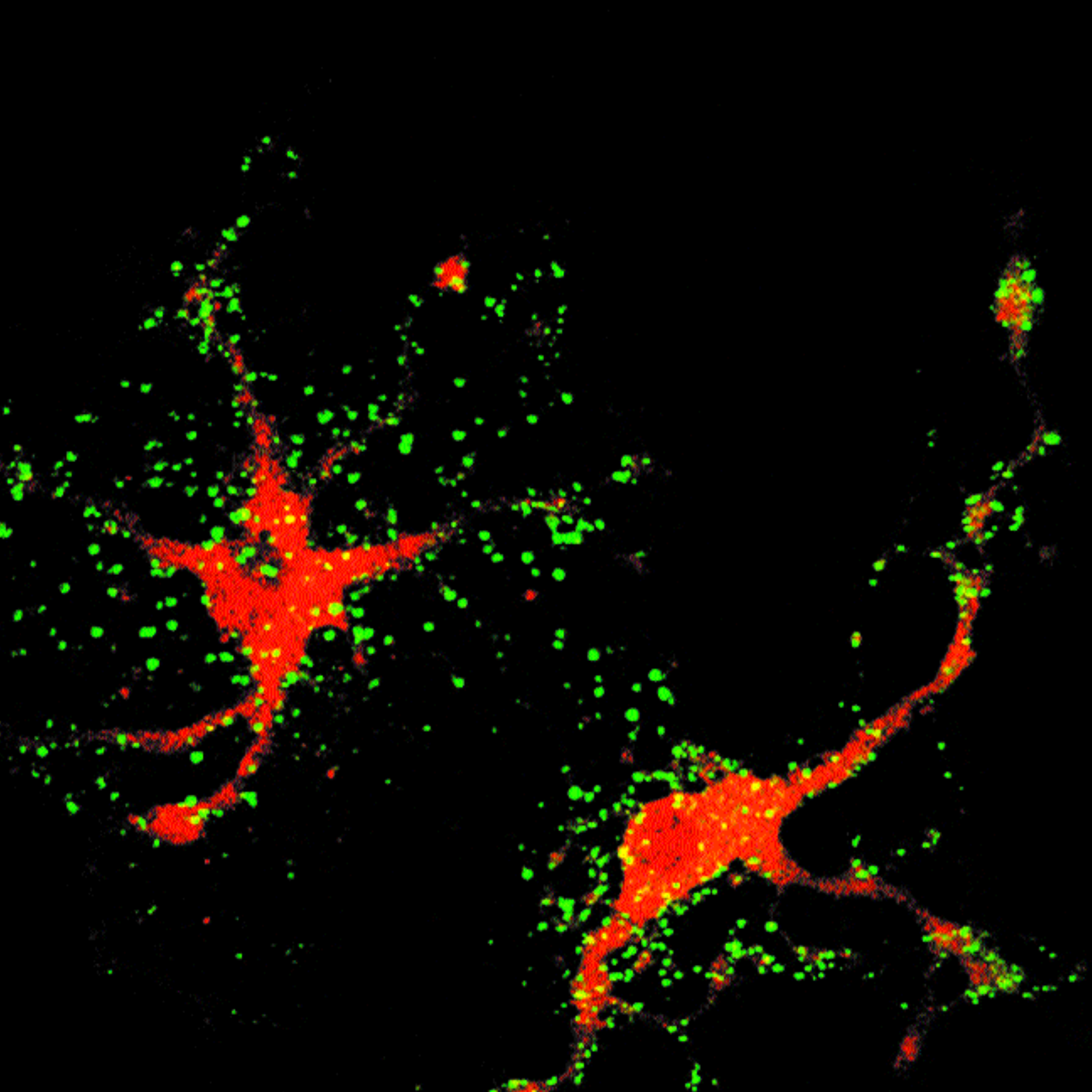
The University of Connecticut relies on public funds to support its basic operations. At the same time, private giving is essential in helping UConn to reach the highest levels of excellence in teaching, research and service. In recent years, significant public support has led to unprecedented levels of private investment. Public incentives, such as the state’s UCONN 2000 program—the 10 year, 1 billion-dollar infrastructure renewal program, and its endowment matching grant program—are multiplying the impact of private gifts. This public-private partnership is helping UConn to:

- Attract the finest teaching and research faculty.
- Recruit some of the nation’s highest-achieving students through merit scholarships.
- Provide educational access to talented students from economically disadvantaged backgrounds.

- Generate important new information, and advance teaching and learning through groundbreaking research.
- Create innovative programs that prepare students for life and careers in the 21st century.
- Enrich UConn’s campuses through new and enhanced facilities and equipment.

While Ray Neag’s gift garnered the biggest headlines, it is but one of many gifts in recent years that are helping UConn reach its ambitious goals. Samuel Orr, Jr. ’40, ’61 J.D. has contributed \$3 million to a trust that will endow undergraduate scholarships to Connecticut residents. Harold Schwenk, Jr. and Paula Schwenk ’79 have given \$1.75 million to endow a faculty chair in chemistry and to establish an endowed fund to encourage undergraduate science exploration. Gary Gladstein ’66 has donated \$500,000 to create a visiting professorship in human rights. A \$500,000 gift from Southern New England Telephone will establish a professorship in information and communications technologies and a \$300,000 gift from Northeast Utilities will help establish an endowed chair in environmental engineering. Raymond and Beverly Sackler have given \$500,000 to establish a Master Artist Institute and sponsor an artist-in-residence in the School of Fine Arts.

Increasing levels of private support for the University of Connecticut is a significant indication of the remarkable changes underway at the top ranked public university in New England. Thanks to the support of alumni and friends of the University, UConn’s transformation will continue—in fact accelerate—in the 21st century.



## The Virtual Cell: Harnessing Scientific Research and Technology

Thanks to innovative research at the University of Connecticut Health Center that was funded in 1999 by a \$3.6 million grant over four years from the National Institutes of Health (NIH), the time is drawing near when medical researchers around the globe will be able to use computer technology—in addition to laboratory experimentation—to test drug effectiveness.

By employing the technology of virtual reality to study the inner workings of the human cell, a Health Center research team is developing “The Virtual Cell,” a computer system that will simulate cell behavior. When it becomes fully operational, The Virtual Cell will allow scientists to model the inner workings of cells, from producing energy, to performing their specialized tasks, to replicating, growing old and expiring. At the time of the grant award, the NIH designated the virtual cell project a National Biomedical Technology Resource.

The Virtual Cell is intended to simulate on the computer screen what happens in a real cell in response to a particular stimuli. Considering the nearly infinite number of stimuli, a cell’s reaction to them and the numbers and types of human cells, the complexity of the project immediately becomes clear.

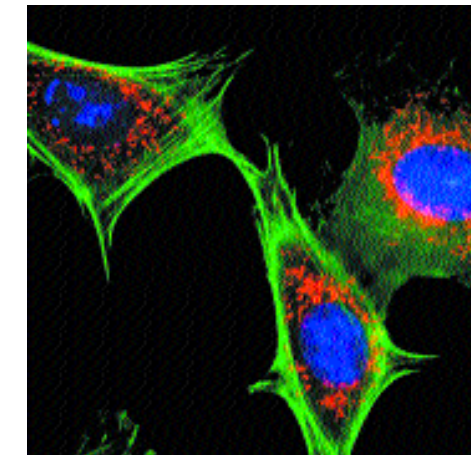
Like the human genome project, a multi-billion dollar, 15-year effort by the NIH to discover all human genes, the creation and development of a comprehensive framework for understanding cell biology is a long-term and expensive project. UConn researchers say the cell project could take 15 to 20 years or more to reach its full potential.

The Virtual Cell program is easy for scientists to use, accessible, fast and economical. It is expected to improve productivity and save time and money by allowing

scientists to more efficiently design experiments on cells. Scientists around the world with hypotheses on cell behavior could refine their ideas on The Virtual Cell program before taking the experiment to the laboratory.

To access The Virtual Cell, authorized scientists need only to call up an Internet site using a web browser. The program is already proving beneficial to researchers, cell biologists, drug designers, and neuroscientists, and as a valuable teaching resource.

In the future, large numbers of scientists will be able to use the program to understand better the complex biological behavior of cells, including how neurons change in response to repeated electrical inputs. Drug manufacturers could use it to test the efficacy of various compounds on the functions of cells; geneticists could use The Virtual Cell to learn how gene defects can stop a cell from functioning properly; and students will be able to use it to see how cells act and learn about cell structure.



As knowledge is uncovered, those findings can be integrated into the existing virtual cell framework. The results of other researchers who use The Virtual Cell program will also be accessible through the Web site. Medical researchers worldwide will be able to compare their results

with those of others who may have tested the same or similar drugs using The Virtual Cell. Reducing the expense, time and resources consumed by traditional means of testing could, among other things, mean that new, life-saving drugs would be available sooner and at less cost.

There is no more clear indicator of the University of Connecticut's emergence as a school of choice than our remarkable growth in enrollment. Fall freshman enrollment for the 1998-99 academic year jumped nearly 17 percent! This represents an increase that is 10 times greater than the 1.7 percent increase in the number of Connecticut high school graduates in 1998.

Not only did enrollment show a dramatic increase, the academic quality and diversity of our freshman class escalated as well. The average SAT scores for the freshman class who enrolled in fall 1998 are eight points higher than the students who enrolled the previous year. The number of minority students also increased dramatically as there were 27 percent more students of color than in the previous freshman class.

These figures are an unmistakable sign that high school students, particularly in the Northeast, recognize the distinct educational value of Connecticut's land-grant research university. It means that the University is having success reversing the brain drain in Connecticut, which historically has meant that a large percentage of the State's high-achieving students left Connecticut to attend out-of-state colleges and universities.

Of the factors driving enrollment growth at UConn, the most significant is the University's success in providing academic programs designed to challenge a broad scope of intellectual interests. With 17 schools and colleges, UConn offers a breadth of academic quality in undergraduate and professional programs that is unique in public higher education in New England. While offering the richest variety of choices, the University also maintains a student-faculty ratio of 14:1, ensuring each student the opportunity to receive the personal attention needed to assure an exceptional educational experience. This responsiveness to individual student needs is the hallmark of a UConn education.

Our fundamental educational mission starts with the undergraduate experience. To help students begin their education with confidence, UConn offers the First Year Experience, a program that introduces incoming freshmen, in small group settings, to University life. The First Year Experience includes a variety of special orientation activities, featuring roundtable discussions with faculty, staff and fellow students, one-credit seminars, a reading project on a popular literary work (including a chance to meet with the author),

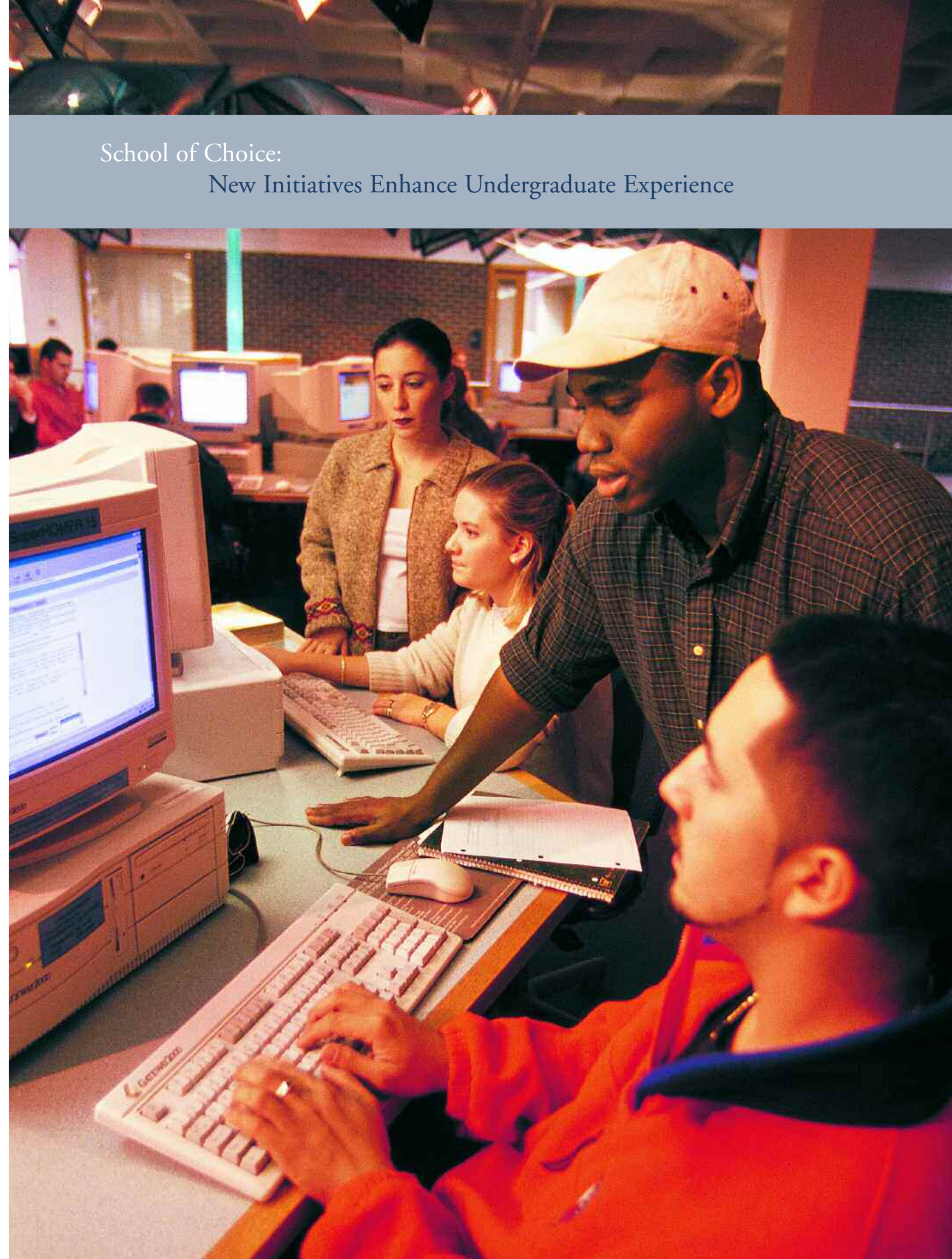
and other innovative programs. Students can also take advantage of individualized counseling at the Academic Center for Exploratory Students (ACES) to help them determine an academic focus.

With more than 90 majors from which to choose, undergraduates not only have the opportunity to reach their academic goals, but also are able to pursue vigorously an education commensurate with their individual interests and motivations. The undergraduate experience is further enriched by a number of special programs. These include a nationally ranked Honors Program for high-achieving students; the Individualized Majors Program, which allows students to structure an interdisciplinary course of study; Study Abroad, through which students can live and learn in more than 30 international locations; and customized internships, which enable students to gain valuable work experience at leading companies, in government and at service agencies in Connecticut and around the nation.

And there's more. The University Scholar Program provides the most prestigious scholastic designation on campus. Awarded each year to the most academically successful fifth-semester students, designation as a University Scholar offers students the opportunity to work collaboratively with faculty on a range of sophisticated research projects. Thanks to the creation of an innovative program called the Tri-Campus Initiative, UConn's campuses in Greater Hartford, Torrington, and Waterbury will soon combine educational resources to offer select four-year degrees in the humanities and social sciences with other programs developed in response to the needs of local communities.

With innovations in curriculum, responsiveness to student needs, and unique and challenging academic programs, the University of Connecticut is meeting the intellectual challenges inherent in being the best public university in New England and among the best in the country. The growth in enrollment, student quality and diversity is a loud and clear affirmation of the many initiatives that are enhancing undergraduate education at UConn.

## School of Choice: New Initiatives Enhance Undergraduate Experience





## Reaching Beyond National Boundaries: A Historic Partnership with the African National Congress



With a few strokes of a pen, one of Amii Omara-Otunnu's most fervently held dreams came to fruition.

The vision of Omara-Otunnu (pictured at left), an associate professor of history at UConn, is for international cooperation to further the cause of human rights.

The historic agreement between the University of Connecticut and the African National Congress (ANC), signed in March 1999 in South Africa's Parliament Building in Cape Town, launched a partnership that not only promotes international understanding, but also epitomizes the University's strategic goal of becoming a world-class university advancing the study of international human rights.

The partnership, for which UConn competed with a number of other outstanding universities, provides UConn an important role in the momentous transformation taking place in South Africa since the end of apartheid. The dismantling of apartheid in South Africa, like the collapse of Communism in the Soviet Union and Eastern Europe, is one of the most significant international developments of the second half of the 20th century.

The University succeeded in attracting the partnership because of the first-rate archival facilities at UConn's Thomas J. Dodd Research Center, the scholarly work of Omara-Otunnu and the links between UConn and the director of the ANC Historical Archives Project, Narissa Ramdhani. Ramdhani received a master's degree in history with a concentration in archival management from UConn in 1990. She joined the University at a time when it was difficult for non-white students to attend graduate school in South Africa.

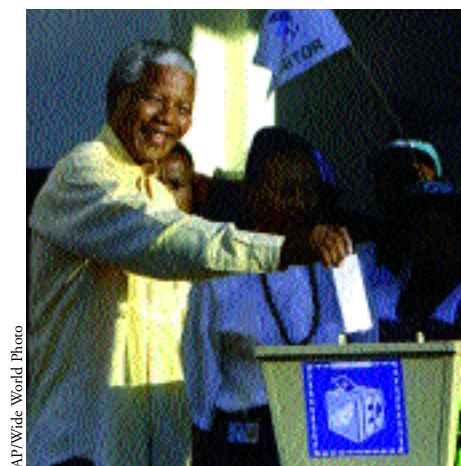
The partnership between the University and the ANC, the party that led the struggle for human rights in South Africa in the face of constitutionally-based racial discrimination, consists of three parts. First, the agreement designates the University of Connecticut as the sole North American repository for ANC archival materials, including thousands of diaries, letters and other records of the fight to end apartheid.

Starting in 2000, the Thomas J. Dodd Research Center will begin receiving copies of ANC documents drawn from more than 30 countries around the world. The University will provide technical assistance in the processing, arrangement

and preservation of archival materials and will train black South Africans in the skills of archival management.

Secondly, scholars at the University's Center for Oral History will train and assist South Africans to conduct a series of oral interviews with more than 200 leaders of the ANC, many of whom are elderly and whose stories are vital to preserving the history of the struggle for racial justice in South Africa. These oral histories join those already compiled of Holocaust survivors and 30 individuals connected with the post-war Nuremberg trials.

The third component will be a comparative human rights project. The project will be an interdisciplinary academic program involving scholarly study of the historical materials and, through a program of speakers and an ongoing exchange of both students and advanced scholars, will serve as a forum for sharing information on the history of conflicts in the 20th century and for developing strategies for securing human rights for people from various parts of the world. As part of this effort, UConn's Neag School of Education will work with the partnership to develop curriculum materials that can be used in schools in the United States and South Africa, to teach children about human rights issues.



AP/Wide World Photo

In addition to its partnership with the ANC, the University's commitment to promoting human rights is embodied in the recent establishment of the Marsha Lilien Gladstein Visiting Professorship in Human Rights. The Gladstein professorship, which honors the late wife of UConn alumnus Gary Gladstein, will provide a framework to

showcase human rights throughout the University, particularly in the humanities and social sciences.

"The ANC represents something extraordinarily special in the history of human rights," Omara-Otunnu says. "The ANC leadership had a clear vision for a society that would practice racial justice. The partnership between UConn and the ANC is a strategic decision because of the similarities between the history of race relations in the United States and in South Africa. We can learn a lot from them, and they can learn a lot from us."



## Amy doesn't look like a revolutionary, but she represents a revolution in the making.

Amy is a Holstein heifer calf, and when she came into the world on June 10, 1999, she sent a wave of excitement in the burgeoning world of transgenic research and racked up a first for University of Connecticut scientists on the front lines of the biotechnology revolution. Amy is the first animal in the world cloned from non-reproductive cells. Under the direction of Xiangzhong "Jerry" Yang, head of UConn's Transgenic Animal Facility and one of the world's preeminent researchers in the field, a team of University scientists cloned Amy from cells removed from the ear of an adult cow.

Winning a major international scientific race like this is very important for the University and the state of Connecticut because of the high-stakes competition among reproductive research scientists. Cow cloning holds the potential to help improve beef production and the treatment of health disorders in cattle, produce cattle yielding milk with ingredients for preventing a long list of health maladies in humans, and as a reliable source of high-quality beef.

will allow chickens to eat corn infused with chicken interferon that could make them resistant to diseases such as avian influenza. Mark Bridgen, professor of plant science, is internationally recognized for his research in horticulture. Bridgen developed and patented the fragrant flower *Alstroemeria*, which is rapidly becoming a standout in the horticultural industry for its beauty and longevity as a cut flower. Yi Li, assistant professor of plant science and head of the UConn Transgenic Plant Facility, has sent genetically engineered tomato seeds into space on the space shuttle *Discovery* to study microgravity's affect on plant growth habits. If Li can demonstrate how to improve the growth rate of plants in space, the benefits could enhance the diets of future astronauts and, for people on earth, improve agricultural production.

These advances at UConn are also attracting the attention of a variety of corporations with interest in biotechnology. Two years ago, Professor Yang successfully implanted a special gene into a female rabbit that led to genetically altered milk. The rabbit milk contained an enzyme that can reduce or eliminate

## Transgenic Research: Pioneers at the Forefront of Science

The announcement of Amy's birth generated media inquiries from around the globe. Even months after Amy's arrival, the press calls continued. The media attention given to Amy dramatizes the incredible revolution taking place in the cloning of animals, and the remarkable evolution of UConn's land grant mission and agricultural research programs. The Transgenic Animal Facility is part of the UConn Biotechnology Center and the College of Agriculture and Natural Resources. UConn is one of only a few academic institutions in the world working with transgenic farm animals whose genetic makeup is permanently altered by the introduction of genes from other organisms. Transgenic technology has great potential for breeding disease-resistant livestock or farm animals as human organ donors.

Amy's birth is just a part of the biotechnology story at the University of Connecticut that has unfolded in recent years. Thomas Chen, director of UConn's Biotechnology Center, recently conducted the first-ever successful transplant of a foreign gene into a crustacean. The technique could be applied eventually to shrimp, crabs and lobster to improve characteristics like color, taste, growth rate, size and disease resistance. Chen has also pioneered research in the growth of transgenic fish. Molecular and cell biology professors Philip Marcus and Margaret Sekellick developed a gene sequence that

the symptoms accompanying a rare muscle disorder in humans called Pompe's disease. A Dutch pharmaceutical firm is now working with Yang to develop a transgenic rabbit-milking facility to produce and market the enzyme. In early 1999, a North Carolina bio-science firm purchased the rights to produce the gene sequence developed by Marcus and Sekellick.

UConn's community of biotechnology researchers believe that within 50 years animal cloning will become a daily fact of life, leading to advances in agriculture, medicine and quality of life for the world's growing population. If the past is any indicator of the future, UConn scientists will continue to play a critical role at the forefront of the biotechnology revolution as it unfolds in the next century.





Initiated in 1995, UCONN 2000 is an unprecedented one-billion dollar, 10-year investment in the University's infrastructure. The new learning and living environment combines aesthetics with 21st century functionality. All developments on the main campus at Storrs have been guided by a Master Plan, which was formulated over an 18-month period and was spearheaded by University administration in conjunction with an Advisory Committee, professional planners and hundreds of people from throughout the University community.

is rapidly progressing on the new Biology/Physics building and the Agricultural Biotechnology building. Ground has been broken for the new School of Business Administration building, and planning and design for a new School of Pharmacy building is also underway.

Similar transformations are completed or taking place at the University's other regional and professional school campuses. In Stamford, a new campus stands at the heart of a vital urban center. At the Health Center, the new 11-story Academic Research Building symbolizes the University's leadership in biomedical innovation. Design has been completed on the agricultural facility at the Torrington campus while improvements at the Greater Hartford campus continue. The State of Connecticut has authorized more than \$2 million for planning and design of a new Waterbury campus and an already enhanced School of Law campus has further improvements in the planning stage. Construction of a new Marine Sciences and Technology Center building is underway at Avery Point.

## UCONN 2000: \$1 Billion Investment in World-Class Campuses

UCONN 2000, coupled with several affiliated capital projects, spans the entire University. Since 1995, 101 construction and renovation projects have been completed and 57 are currently underway. A pedestrian core was put in place, featuring a new central mall with plazas and major crosswalks that grace the heart of the Storrs campus. Less visible, but critical improvements to the University's backbone infrastructure, roadway, transportation, utility and information technology networks are completed or underway. Completed this year on the main campus, the spectacular South Campus residence and dining complex integrates the academic and social experience. The advanced technology of a new 200,000-square-foot chemistry building is facilitating teaching and research. The fully renovated and state-of-the-art Homer Babbidge Library has become a resource center for the 21st century. The landmark building program has been described in a 1999 article appearing in *The New York Times* as "a building boom . . . that would be the envy of most university presidents."

In fact, renovation and dynamic physical development have become the standard at UConn. More than 60 classrooms have been renovated, enabling the integration of modern technology into curriculum. Construction was recently completed on two major additions to the Fine Arts Quad and

UCONN 2000 is also helping to spur increased private giving by alumni and other benefactors to the University through its endowment matching program—encouraging and rewarding private donations by matching them with public dollars. The initial three-year \$20 million matching grant initiative was fully subscribed in only 18 months. Annual gift receipts have risen from \$8.2 million in 1995 to a record-breaking \$25.6 million in 1999. In addition to individual gifts supporting a vast range of activities—from cancer research to chemistry education to insurance law to teaching gifted children—the excitement of UCONN 2000 has led to commitments in 1999 from private sources to cover the costs of a new University Visitors Program and a permanent home for The University of Connecticut Foundation on the main campus in Storrs.

The entire transformation—the most ambitiously publicly financed infrastructure program in the United States—will create a set of campuses that fulfill expanding and rigorous academic demands; attract creative people, partnerships and programs; strengthen our sense of community and pride; and serve as a model for universities throughout the nation.



## Boundless Potential: Unlocking the Treasures of the Sea



The world's oceans offer us boundless potential for food, for minerals and for medicines. In 1999, marine scientists at the University of Connecticut's Avery Point campus assumed a special role at the forefront of efforts to unlock the treasures of the sea.

In the Summer of 1999, UConn launched the *Connecticut*, a new \$2 million oceanographic research vessel to advance marine research and marine science education. Piered at the University's Avery Point campus, the ship is designed to be used for a wide range of projects, including deep sea diving expeditions and studies to understand the chemical, physical and biological dynamic of our coastal waters, as well as undergraduate and graduate education. On the *Connecticut* students work alongside some of the nation's preeminent researchers in marine science.

UConn is one of 29 sea-grant institutions in the country. As a sea-grant university, UConn is focused on making the United States the world leader in marine research and the development of sustainable marine resources. The national sea-grant strategic plan emphasizes three areas: economic leadership, coastal ecosystem health and public safety, and education and human resources. UConn's sea-grant activities tie into these themes, focusing on issues of importance to Connecticut and Long Island Sound. Our sea-grant program also reaches far beyond Connecticut's geographic borders. UConn marine scientists are engaged in international collaborations in many countries and carry out a range of regional research and education initiatives in the Northeast. Among the many collaborative, regional research projects supported by the Connecticut Sea-Grant in recent years is an effort investigating the feasibility of commercial nori aquaculture in the Northeast. Nori, a seaweed marketed as a health food, also has biomedical applications and is used for sushi wrappers.

The University of Connecticut is one of only six universities in the United States with a National Undersea Research Center. In addition, UConn's specialization in the use of underwater technology is allowing for unique collaborations with other organizations in marine science. In 1999, UConn researchers worked with the Navy, Coast Guard, two private companies and three other research institutions in a \$4 million research partnership to develop cutting-edge technology for new coastal ocean monitoring systems. One

aspect of the systems is a series of ocean sensors, that sit on the ocean floor and gather data, somewhat like the weather stations that already exist on land. The project's ultimate goal is to combine ocean data with computer models to make ocean forecasts in much the same way that meteorologists use data and computer models to make weather forecasts. Ocean forecasts report fronts moving through the ocean which can affect water conditions, local weather and marine life. These forecasts could someday provide farmers with information early enough to determine which crops will thrive under coming water conditions. The fishing industry could benefit from an accurate and timely prediction of warmer or cooler water moving into a particular area, giving them an idea where to fish most effectively. Marine managers could use the information to anticipate and avoid a collapse in fish stocks.

The Marine Sciences and Technology Center currently under construction at Avery Point will contain 145,000-square-feet of new classroom and research space, doubling the amount of space previously available to UConn's marine scientists.

A new 30,000-square-foot facility to house Project Oceanography, a marine science program for high-school and middle-school students, contains a laboratory and classrooms.



The development and application of cutting-edge technology. Searching for answers in aquaculture that could impact global food production. Providing students access to the latest research.

Dynamic collaborative projects and public outreach. Through these efforts and others, marine sciences at the University of Connecticut are expanding knowledge, establishing state-of-the-art academic programs for undergraduate and graduate students and expanding the public service mission of the University.

It is shortly before midnight on Monday, March 29, 1999 and three million Nutmeggers are ecstatic and bursting with pride. UConn 77, Duke 74! An outcome that will forever resound like sweet music to the hearts of the University of Connecticut family. The Huskies stand alone at the pinnacle of college basketball—NCAA Division 1 national champions.

From the Litchfield Hills to Long Island Sound, from Fairfield County to Eastern Connecticut's quiet corner, the entire state of Connecticut, and the Husky faithful across the nation, were gripped by Huskymania when the UConn men's basketball team brought home the championship trophy. As their team made its way to a rapturous "welcome home" ceremony at Gampel Pavilion, Husky fans lined roads and highways, hung out banners, cheered for their conquering heroes, embraced each other, and cheered some more.

Several months after the NCAA championship, this emotional tidal wave still hasn't crested as T-shirts emblazoned with the words UConn National Champions are ubiquitous throughout the Land of Steady Habits.

On its way to its first-ever NCAA title, the UConn men's basketball team set a single-season school record with 34 wins. The Huskies, our Huskies, also won the Big East regular season title for an unprecedented fifth time in the past six seasons and added the Big East Tournament Championship for the second straight year. UConn became the first school in Big East history to win back-to-back regular season and tournament titles.

Even before the men's basketball team captured the University's fifth overall NCAA championship, UConn had enjoyed its most successful athletic year ever. During the 1998-99 academic year, the University of Connecticut won six regular season Big East Conference titles—men's soccer, women's soccer, volleyball, field hockey, women's basketball and men's basketball.

During the Fall season alone, UConn became the first school in Big East history to have four teams win regular season conference championships. Four of our Fall teams also earned NCAA post-season berths with field hockey advancing to the NCAA championship semifinals. Overall, UConn Fall sports logged an impressive record of 98-32-2.

On the heels of an outstanding Fall sports season, both the men's and women's basketball teams were simultaneously ranked number one in the nation during the 1998-99 regular season. UConn is the only school in NCAA history to ever have its men's and women's teams concurrently ranked in the top spot, and we've done it twice! The 1998-99 women's basketball team won its sixth consecutive Big East regular season and tournament crowns on the way to a 29-5 record. What's more, UConn is now one of only two universities in the country to have won national championships in both women's (1995) and men's (1999) basketball.

Yet for all the pride this remarkable record of athletic achievement brings to the University, it is but half of the story of UConn athletics. Our excitement for the athletic accomplishments of our 550 scholar-athletes is matched by our pride for their achievements in the classroom. UConn athletes have an academic retention rate of 99 percent and nearly 40 percent of our student-athletes have a grade point average of 3.0 or better.

Through intercollegiate athletics, recreational and intramural activities, public service and outreach efforts, UConn athletics enhance the student experience for thousands of young people, contribute mightily to the quality of life of the UConn community, engender pride across the state, and earn national and international attention for the University of Connecticut.



Bursting with Pride: A Championship Year





### State-of-the-Art Library Rededicated

The impressive and technologically advanced Homer Babbidge Library was rededicated after external and internal renovations were completed, putting the University at the forefront of information management as we enter the 21st century. This newly renovated library is at the center of University life, physically as well as metaphorically, and forms the cornerstone of UConn's academic core. The largest public research library in New England, it is an asset not only for our students and faculty, but for residents and businesses in the state of Connecticut. The library now boasts nearly 500 computers, 2 million books and nearly 10,000 periodicals, almost 3 million units of microtext, 150,000 maps and 35,000 references sources; and a Cyber Cafe which offers students about a dozen clusters of interconnected workstations, allowing teams to share information as they work together.

### National Acclaim

A top public university in New England—that's what *U.S. News and World Report* called the University of Connecticut after an evaluation of more than 1,400 schools for its *America's Best Colleges 1999*. And the *Fiske Guide to Colleges for 1999* awarded four stars to UConn's academic programs. "At a time when private education costs are escalating, students might be well served by looking into what UConn has to offer: excellent academics, knowledgeable professors and top-notch athletics," states Fiske. Further, the fifth edition of *Barron's Best Buys in College Education* listed UConn among the best buys in college education, citing the University's excellent faculty, affordable cost, and strong campus atmosphere.

### Award-Winning Medical Curriculum

At its 1999 commencement ceremony, the School of Medicine celebrated the graduation of the first student class to have been trained exclusively through a new award-winning curriculum. The curriculum has been acknowledged as one of the most innovative in the country and places the University among the best teaching institutions in the nation. This year, two national medical organizations, the Alpha Omega Alpha Medical Honor Society and the American Association of Medical Colleges, have recognized the work of the School's academic dean and professor, Bruce M. Koeppen, M.D., Ph.D., for his leadership in coordinating the curriculum changes. The sweeping overhaul to the four-year curriculum affords students critical skills to practice medicine in the next millennium and provides the highest quality care in the most cost-effective manner.

### Award-Winning Theatre

Connecticut Repertory Theatre (CRT), the professional performance arm of UConn's Department of Dramatic Arts, won two 1998 Connecticut Critics' Circle Awards. Recognized among the great theaters of Connecticut, this award-



winning theatre demonstrates UConn's commitment to providing students, faculty and community with rich and vibrant cultural and artistic opportunity. CRT's Nutmeg Summer Series production of *Man of La Mancha*, directed by CRT artistic director and Chair of UConn's Dramatic Arts Department, Gary M. English, was named the season's Outstanding Production of a Musical. Tony Andrea, a 1998 graduate of the University's MFA program in design, received the Outstanding Set Design Award for his work in *The Miser*.

### Urban Semester Program Celebrated

The Urban Semester Program, blending social activism and career development, celebrated its 30th anniversary this past year. The program, which began in the midst of 1960's social activism and heightened community consciousness, was created to serve UConn students who sought a way to make positive contributions to urban communities. Through internships in a variety of social agencies, as well as living in urban areas and taking part in cultural events, students impact positive change in the lives of others, test what they have learned in the classroom and contribute to Connecticut's urban communities.

### Unique Insurance Law Center Created

The first of its kind in the country, a new master's degree program in Insurance Law establishes the University and the School of Law as the center for academic study of law and policy as they affect insurance, and prepares lawyers to be experts in this complex and evolving area of the law. A leader in its field, the Insurance Law Center has three integral components: academic programs, which include insurance law courses and the L.L.M. program; publications and outreach, including a one-week insurance law institute for lawyers from around the world and the student-run *Connecticut Insurance Law Journal*; and legal research, including a comprehensive insurance law library collection.



### Inaugural Midnight Breakfasts

The first and second annual Midnight Breakfasts, during which faculty and staff prepare a much-needed study break for students on the eve of final exams, enjoyed great success with more than 90 faculty and staff volunteers serving more than 2,000 students. These breakfasts, fast becoming another University tradition, are an opportunity for students and staff to interact informally before the conclusion of the semester and are a natural extension of programs that are building a cohesive UConn community.

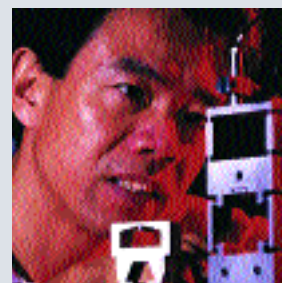
### Championship Year

Six Big East regular season Championships—men's basketball, women's basketball, volleyball, field hockey, men's soccer, and women's soccer. Two Final Fours—men's basketball and field hockey. One glorious National Championship—the first time ever for men's basketball. Both the men's and women's basketball teams were simultaneously ranked #1 in the nation during the 1998-99 regular season. Our football program, which appeared in its first-ever NCAA Division I-AA playoff and capped its centennial year with the best season in school history, was granted a waiver by

the NCAA to move to Division IA status. Add 99 percent academic retention rate and 12 All-American student-athletes and, quite simply, this was the most successful year in UConn athletic history.

### Corporate Gifts Flourished

Symbolic of the partnership the University is developing with Connecticut's business community, two generous corporate gifts are helping the School of Engineering recruit top scholars and researchers. A \$500,000 gift from Southern New England Telephone, a company of SBC Communications, Inc., will establish a professorship in information and communication technologies while a \$300,000 gift from Northeast Utilities will help establish an endowed chair in environmental engineering. These gifts will be of significant value in helping us extend educational and research opportunities for undergraduate and graduate students and enhance economic development in the state of Connecticut.



### Best Connecticut Educational Institution Website

Understanding that the Internet has emerged as a vital source of information and a communications vehicle for our students, faculty and staff, alumni, visitors, prospective students and Husky fans, we are proud that UConn's website was named the best website in the category of educational institutions in the annual Connecticut's Best Website Competition, hosted by the MIT Enterprise Forum of Connecticut. Criteria for the award included creativity in graphics and copy, interactivity, technical innovation, marketing strategy, and overall relevance.

### Regional Campuses Strengthened

Thanks to a new innovative program called the Tri-Campus Initiative, UConn's campuses in Greater Hartford, Torrington and Waterbury are preparing to combine educational resources to offer select four-year degrees in the humanities and social sciences. Enhancing academic opportunities for students at each of our five regional campuses, the University has strengthened its marine science program at the Avery Point campus, located on the Long Island Sound. The campus will now offer the state's only four-year degree in coastal studies. At UConn's Stamford campus a commitment to the study and innovative use of information technology has given rise to the Connecticut Information and Technology Institute, a collaboration with area businesses to provide education and training in information technology.

### School of Social Work's Continued Success

UConn's social work program graduated its first students in 1948. Now, celebrating its 50th anniversary, it is the State's largest professional school of social work and has more than 4,000 alumni, many of whom are CEOs of private agencies, leaders in state government and leaders in the black and Hispanic communities.



### New Research Wing Strengthens Health Center

Molecular and biomedical research will take a bold step forward in the 21st century thanks to research emerging from the Health Center's new, eleven-story research facility. In all, the new 170,000 square-foot Academic Research Building expands the Health Center's laboratory space by more than 40 percent and further strengthens the institution's ability to recruit top-flight scientists and secure new research funding. Already, this state-of-the-art facility has helped recruit prominent researchers in critical areas like immunology, genetics, neurosciences and vascular biology. Research in these areas are likely to translate to medical breakthroughs and treatments for diseases like cancer, rare genetic conditions, arthritis, and heart disease.

### New Ice Arena Opens

Demonstrating our commitment to providing top-notch facilities in support of student recreational and intramural activities, intercollegiate athletics, public service and community outreach efforts, the new Ice Arena opened this year. Home to our Division I hockey team, this \$4.2 million facility is open year round and open to the public. This state-of-the-art facility, along with other recently renovated recreational facilities, including the Hugh S. Greer Field House and Brundage Pool, serve not only our student-athletes, but enhance the quality of life for UConn students and the community at large.

### Technology Institute Formed

UConn's Stamford campus is home to the Connecticut Information Technology Institute (CITI), an innovative program that addresses the educational and professional development needs of Connecticut's growing information technology sector. Partnering with area businesses, UConn's CITI program identifies technology education needs and provides state-of-the-art educational and training solutions to meet the challenges of a globally competitive region. From offering uniquely crafted training seminars to comprehensive undergraduate and graduate degrees, CITI is training the information technology professional of tomorrow.





### Decade as Sea Grant University

UConn celebrated its first decade as a sea grant university, a designation awarded by the U.S. Department of Commerce in recognition of significant accomplishment in marine and coastal research, outreach and education. The Connecticut Sea Grant Program, based at our Avery Point campus, has reached far beyond its geographic borders, carrying out regional research and education initiatives in the Northeast and in international collaborations in many countries. Both graduate and undergraduate students, as well as numerous communities and businesses, have benefited from this program's visionary strategic planning, cutting-edge ocean research and marine-based educational programs.

### Top-Ranked Graduate Schools

The schools of law and education have once again been rated among the top 50 graduate schools in the nation, and are the best public schools in New England, according to this year's *U.S. News and World Report*. The School of Law climbed in the rankings from 48 to 40, while the School of Education was one of only three schools of education from New England in the top 50.

### Research Supported by High Speed Network

The National Science Foundation awarded a two-year grant to the University to support an enhanced network connection that will extend UConn's research capabilities. As one of only two public Research I Institutions in New England, the University is firmly committed to the application of the most effective technology in support of our research and educational initiatives. A \$350,000 grant awarded to UConn through the National High Performance Connections program will enable faculty members to utilize the next generation of the Internet, known as Internet 2, interconnecting only a select number of high caliber research institutions, government agencies and defense contractors.

### Connecticut's Most Cost-Efficient Hospital

The Connecticut Office of Health Care Access ranked the Health Center's John Dempsey Hospital as the most cost-efficient hospital in Connecticut. This top ranking among Connecticut's 32 hospitals demonstrates our success in delivering a health care program that results in outstanding clinical care delivered in the most cost-effective manner.

### National Recognition as Disability-Friendly

*WE Magazine*, the lifestyle magazine for people with disabilities, their families and friends, ranked UConn in its annual Top 10 list of the nation's most disability-friendly colleges. UConn was chosen for its accessibility, services and the degree to which disability is integrated into the University's sensibility, culture and curriculum.



### New Initiatives Welcomed Undergrads

UConn is fast becoming the School of first choice for students in Connecticut and throughout the Northeast, known for the comprehensive university experience it offers in undergraduate education. This year, several new initiatives introduce students to the University experience and give them a sense of purpose as they begin their academic careers. The Weeks of Welcome program, designed around the needs of first-year students, now includes a strong academic component, including Convocation for new students and their families. This year's Convocation was attended by more than 5,000. The freshman reading project was instituted, in which incoming students read a novel and participate in discussion groups during their first days on campus. And a freshman-only move-in day, with faculty and staff working as Husky Haulers and a full complement of office assistants on-hand to help resolve scheduling, residence and related issues, was also instituted.

### Dental Invention Named in Top 100

A UConn School of Dental Medicine faculty member is part of a team whose invention was named to the "R&D 100", a listing of the Top 100 most significant technological developments of the year, as recognized by *R&D* (formerly Research and Development) *Magazine*. Professor Linda Otis is one of a number of Health Center faculty who, working with partners in the private and government sectors, have used their research expertise to produce new technologies and methodologies in the health field. Dr. Otis, along with co-inventors Bill W. Colston Jr., Matthew J. Everett, Luiz B. Da Silva, Jim E. Cox and Ken Haney, invented an apparatus to detect dental caries (cavities) and periodontal disease using optical imaging.

### Legislature Endorsed Continuation of UCONN 2000

The bipartisan leadership of the Education and Finance, Revenue and Bonding Committees of the Connecticut General Assembly officially endorsed the continuation of UCONN 2000, an unprecedented \$1 billion, 10-year program to renew, rebuild and revitalize the infrastructure of Connecticut's flagship University. This entire transformation—the most ambitious publicly financed infrastructure program in the country—is creating a set of campuses that fulfill expanding and rigorous academic demands; helping to attract increasing numbers of high-achieving students; encouraging private investment to match public investment; strengthening our sense of community and pride; and serving as a model for universities throughout the nation.

### Community Rallied for Heartwalk

In another demonstration of our commitment to Connecticut, President Austin was joined by hundreds of UConn faculty and staff, and thousands of other Connecticut residents, when he participated in this year's annual *American Heartwalk*. President Austin chaired the *Heartwalk*, which was a tremendous success, raising \$237,000 for the American Heart Association.

### Renewed Funding for Business Center

The U.S. Department of Education has renewed funding for the Center for International Business Education and Research (CIBER) in the School of Business Administration. UConn is one of only 28 universities in the country, and the only New England university to receive the designation. The UConn program, which focuses specifically on global technology management, is a tremendous achievement as it solidifies UConn's leadership on the national and international stage in terms of global technological competitiveness education and research.

### Dental Students Excelled on National Exams

As further evidence of the School of Dental Medicine's academic prowess, which is well known in professional circles and is demonstrated in graduates who are consistently awarded top residencies, students have placed second in a national test of all dental students. Over the last 10 years, UConn has consistently ranked in the top three nationally, along with the School of Dental and Oral Surgery at Columbia University and the Harvard School of Dental Medicine.



### First Doctoral Graduate from Nursing School

Staying abreast of the rapidly changing health care industry and recognizing the need for nurses with advanced degrees, UConn proudly graduated its first doctoral candidate from its School of Nursing this year. UConn's doctoral program, which is one of five in New England and one of about 80 in the country, prepares nurses to teach and conduct research in hospital settings and as faculty in university settings.

### The Rainbow Center Opened

As part of our overall commitment to diversity and civility, the University has dedicated resources to the creation of The Rainbow Center. Addressing the needs of the gay, lesbian, bisexual, transgender and allied members of the campus community, the Center is committed to serving the entire University community through education, training, cultural programs and information. One of only a few such university supported centers in the nation, The Rainbow Center demonstrates our commitment to quality of life, diversity and equality for our entire student population.



### South Campus Opened

The new South Campus residence halls, featuring four-person suites with a shared living area, incorporate academic clusters in which students with particular majors live and study together. The complex, including an honors residence hall and classrooms, sets a new standard for integrating campus housing with academic and student life. The completion of this facility, in conjunction with numerous other initiatives such as our technologically innovative chemistry building, continue to advance the UCONN 2000 initiative—creating the physical capacity to assemble a world-class faculty, create vibrant living-learning communities, provide highest quality academic programs, and combine aesthetics with 21st century functionality.

### Coaches' Gifts Support Academics

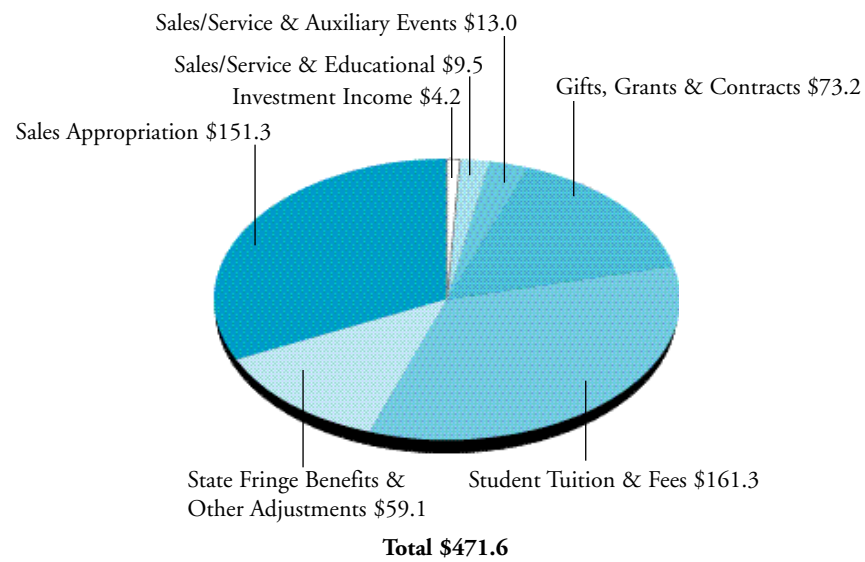
At a time when our men's and women's basketball teams were both ranked number one nationally, our coaches focused their generosity on academics, giving back to their University and emphasizing the importance of private support in building and sustaining a great University. Women's basketball coach Geno Auriemma contributed \$125,000 to the Homer Babbidge Library, while men's basketball coach Jim Calhoun donated \$125,000 to the cardiology program at the Health Center. These gifts, and others like them, are affecting lives in perpetuity as they help to strengthen the University and invigorate its research and educational programs.

## Revenues and Expenditures

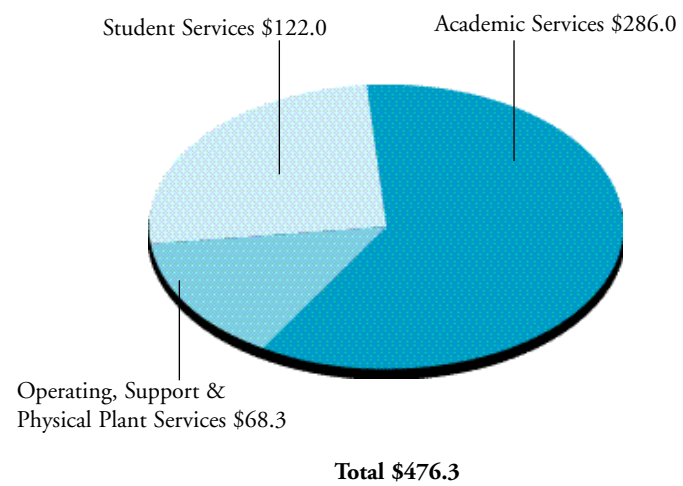
- University expenditures for FY 1998-99 totalled \$873 million.
- A PricewaterhouseCoopers analysis of institution-wide indicators showed that staffing levels at the University were lower than most of our peers. On the following three indicators, UConn ranked seventh, eighth and eighth out of ten, respectively: Full-Time Administrators per Faculty Member, Full-Time Employees per Student, Full-Time Non-Faculty Employees per Faculty Member.
- Authorized capital budget expenditures in FY 1998-99 for the UCONN 2000 infrastructure program totaled \$64.3 million. Since the inception of the landmark program in 1996, authorized expenditures total \$382 million.

### Main and Regional Campuses

#### Revenues



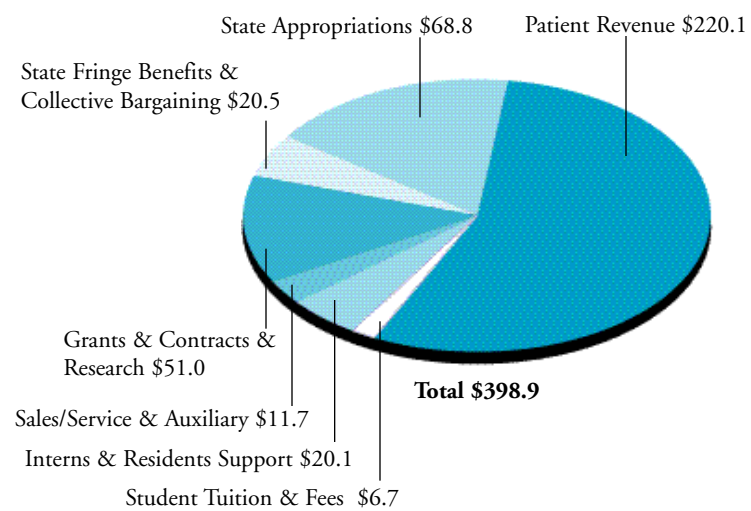
#### Expenditures



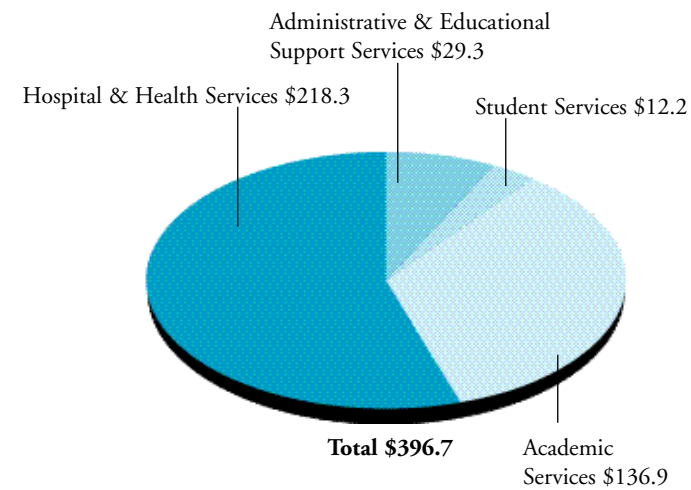
The budget includes the planned spending of \$4.7 million of reserves on a one-time basis.

### Health Center

#### Revenues



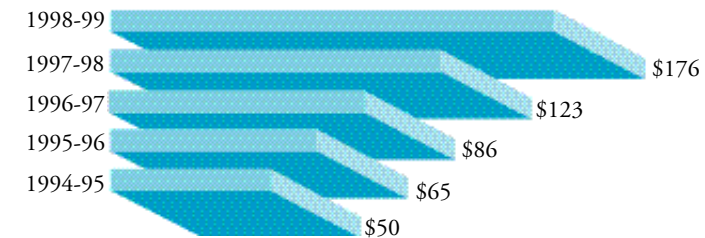
#### Expenditures



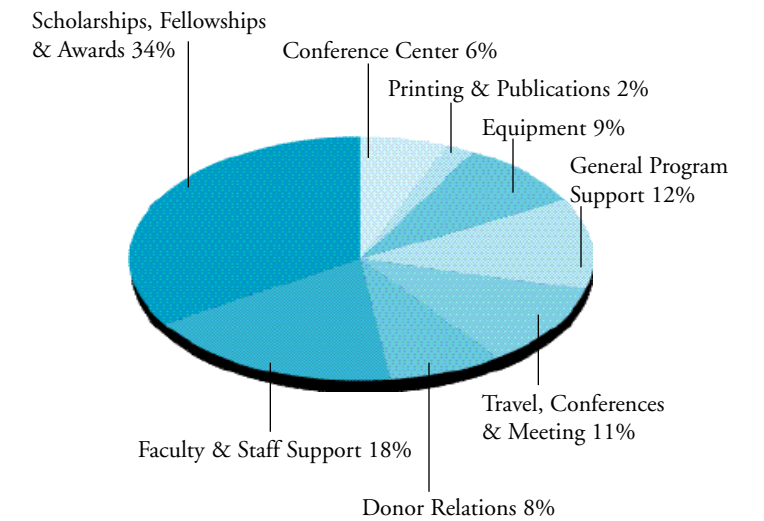
## Private Investment

- The University of Connecticut Foundation, Inc. achieved record fund raising levels during FY 1998-99 as gifts received from private sources increased 25% over FY 1997-98.
- In FY 1998-99, the pooled endowment portfolio registered a 20.6% return, outperforming the composite benchmark by 10.7 percentage points. When compared to the endowment performance of other colleges/universities, the Foundation's performance exceeded the benchmark by more than 100%.
- Contributions to academic programs increased 33% over the previous fiscal year, while gifts to the University's athletic programs recorded a 21% gain.
- This year, the Foundation received 128 gifts of \$25,000 or greater, totaling nearly \$16 million.

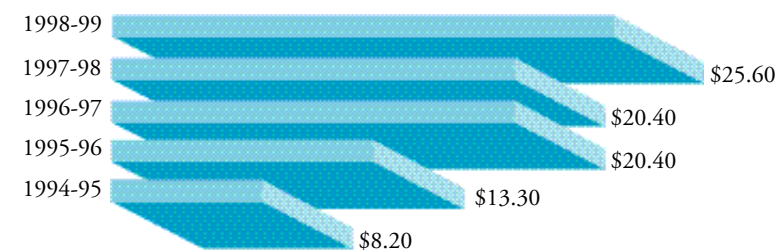
#### Endowment Assets (In Millions)



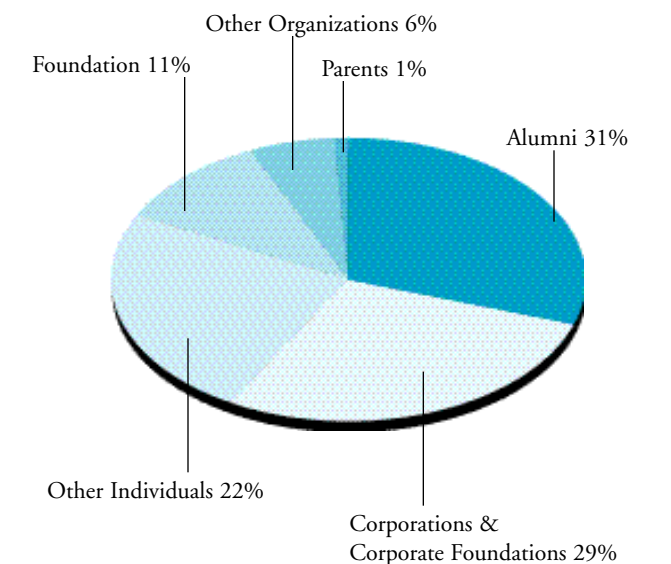
#### Support for University Programs



#### Gifts Received on Behalf of the University of Connecticut (In Millions)



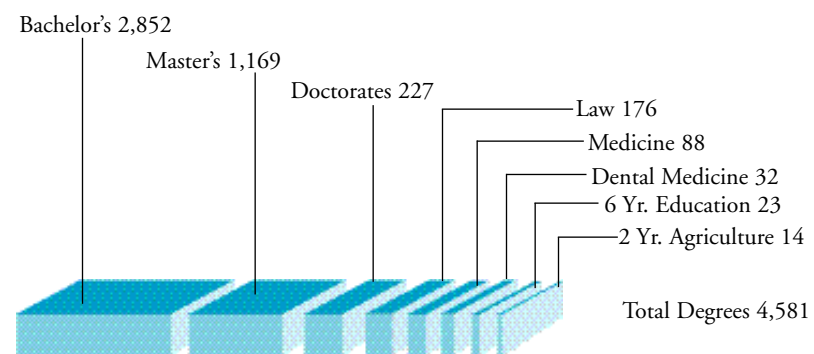
#### Source of Gifts



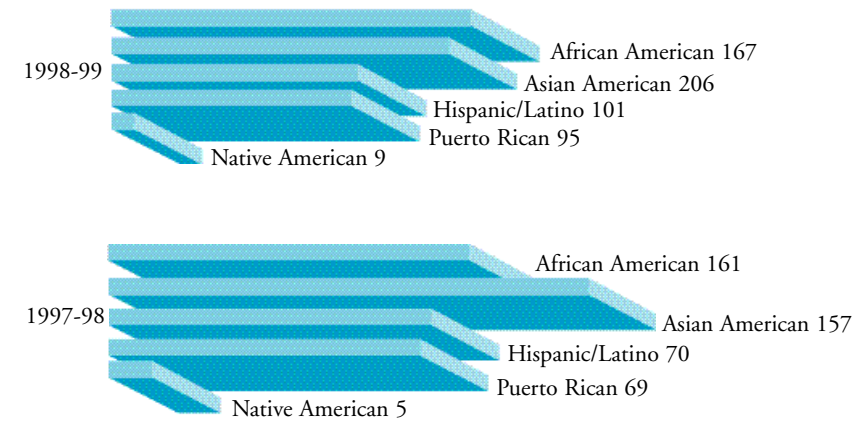
## Our Students

- Freshman enrollment leapt from 2,759 to 3,227 in FY 1998-99, an increase of 17%.
- Mean SAT scores for incoming freshman increased by eight percentage points in FY 1998-99.
- The University adopted a policy in FY 1998-99 to award Merit Scholarships to all high school valedictorians enrolling in UConn. As a result, 26 valedictorians received Merit Scholarships for the upcoming 1999-00 academic year.

### Degrees Awarded 1998-99



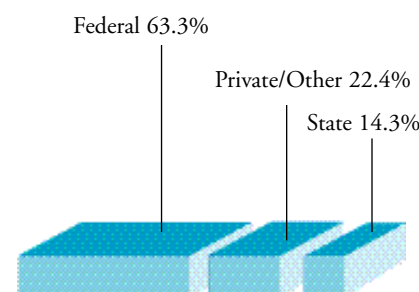
### Ethnic Diversity of Incoming Freshmen



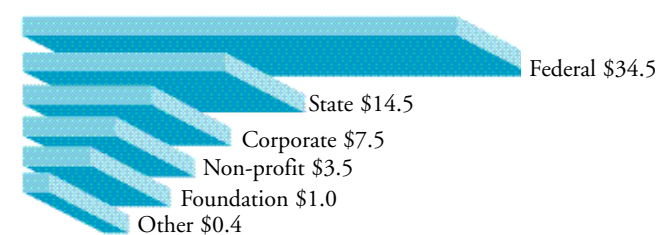
## Research, Training & Public Service

- The University of Connecticut is nationally ranked 54/493 among all institutions and 35/292 among public institutions by the National Research Foundation in research and development spending.
- The Carnegie Foundation has designated the University as a Research I University, one of only two public universities with this designation in New England.
- FY 1998-99 sponsored activities (excluding financial aid) totaled \$109.4 million, with 56%, or \$61.2 million, at the main and Regional Campuses and 44%, or \$48.2 million at the Health Center.
- Funding for sponsored programs increased from \$104.0 million in FY 1997-98 to \$109.4 million in FY 1998-99, a gain of more than 5%.

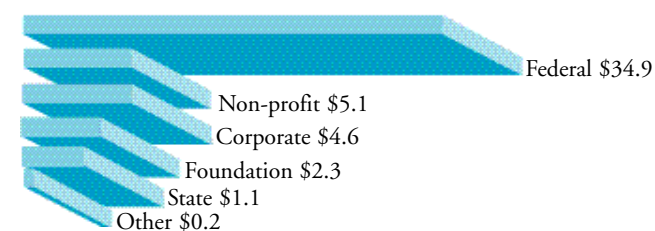
### Funding sources for the \$109.4 million



### Sponsored Research Awards at Main and Regional Campuses (In Millions)



### Sponsored Research Awards at the Health Center (In Millions)



## 1998-99 Board of Trustees

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### Changes to Board

Effective April 14, 1999 – Linda P. Gatling was appointed to fill the vacancy of L.C. Heist

Effective July 1, 1999 – James M. Donich was elected to replace Brian J. Collins

Effective July 1, 1999 – Michael J. Martinez was appointed to replace Jennifer C. Smith



