

# Giving Opportunities

*Campaign gifts create new science center at New London Hall*

**N**EW LONDON HALL, the College's first building, will get a \$20 million-plus renovation and expansion with groundbreaking in the spring of 2011, during our Centennial year. Leadership gifts from alumnae and foundations will create a state-of-the-art center for life sciences and computer science.

Opening in 2012, the building will bring together students and faculty in biology, botany and computer science for collaborative teaching and research.

The configuration of the space is still being finalized. The building will provide state-of-the-art labs and classrooms, including a greenhouse to support botany research, for students and faculty in the life sciences and computer science.

The Science Center at New London Hall will anchor a new science hub at the entrance to the campus. The groundbreaking at the oldest building on campus during the Centennial year is a major milestone. As we look toward the future, we salute our historic past.



The groundbreaking for the Science Center at New London Hall — the first building on campus — during the Centennial year reflects a confidence in our future and a salute to our historic past.

YOUR LEGACY  
OUR FUTURE

## YOU CAN HELP

Keep the momentum going. Contact us at 1-800-888-7549 or [giving@conncoll.edu](mailto:giving@conncoll.edu).

Endow a science professorship	\$2 million
Endow an assistant professorship	\$1 million
Endow the Science Leaders Program	\$1 million
Science Center Classrooms	Starting at \$100,000
Faculty development fund for sciences	\$100,000
Endowed summer internships for science students	\$60,000
Endowed science equipment fund	\$100,000
Scholarships for science students	\$300,000 or through the Annual Fund with a pledge of \$100,000 over four years



THE CAMPAIGN FOR  
CONNECTICUT  
COLLEGE

The Campaign supports excellence in education with four major initiatives: residential education, financial aid, internationalization and science education. Our goal is to raise \$200 million by 2013. As of March 2011, we reached \$158 million. For more, visit:

<http://campaign.conncoll.edu>

The Campaign for Connecticut College

Science Education

YOUR LEGACY  
OUR FUTURE



THE CAMPAIGN FOR  
CONNECTICUT  
COLLEGE

## Science Education

*Strong science programs benefit every student*

**M**EET OUR SCIENCE STUDENTS: Some are biologists whose hearts are set on practicing medicine. Some are researchers looking for answers to complex questions. Others have a passion for nature and want to share it by teaching. And then there are those who just want answers to the big “why” questions of the universe.

Nearly one in five Connecticut College students majors in science, computer science or math. These graduates are well prepared for top doctoral programs and careers in research, medicine, academia, government and business. Countless others minor in the sciences or take science courses. Our classes include government and international relations majors, for example, who want to understand global warming or deforestation or food additives so they'll be better political and social activists.

Our outstanding programs give each of them solid grounding in scientific inquiry and analysis. With that foundation, they bring an invaluable perspective to every corner of the campus, from lunchtime chats in Harris about the Gulf oil spill, to history classes in Blaustein, to Student Government Association debates about limiting cars on campus.

The sciences are an essential part of liberal arts education. Second-century excellence for Connecticut College requires world-class science education.

### A new Science Center at New London Hall

Our facilities and programs are advancing to meet the needs of 21<sup>st</sup>-century scientists who have a global perspective and well-defined research interests — research that many colleges would consider to be graduate-level.

A new \$20 million-plus Science Center at New London Hall will provide state-of-the-art labs and classrooms for students and faculty in the life sciences and computer science. Computers are changing

how scientists work and broadening the reach of scientific analysis. Locating computer science near the sciences will make it easier for our students and faculty to collaborate. We will break ground for the new Science Center in May 2011, thanks to leadership gifts from individuals and foundations.

Our science programs are advancing, too. We are hiring faculty with key areas of expertise, expanding research opportunities, and providing more extensive internship options for science students. Our Science Leaders Program is a national model for drawing and providing support for students from groups that are underrepresented in the sciences, especially women, students of color, first-generation college students and students who are economically disadvantaged.

1:5

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# First person

*Transforming the lives of students*

## BRIGID O'GORMAN '11

Home: Eden, N.Y.

Major: Biological sciences

*Making a difference:* After a medical mission to an orphanage in rural Uganda during spring break in 2009, O'Gorman used a \$10,000 Davis Projects for Peace grant plus \$3,000 from the College's funded internship program to digitize the orphanage's medical records during the summer of 2010.

"Traveling to Africa on a medical mission had been a dream of mine since I was a little girl. I've always wanted to go to medical school, and now I think I'll become a pediatrician."



## MICHAEL MARSHALL '11

Major: Terrestrial and planetary geophysics (self-designed)

Activities: Sailing team

"Last semester I was fortunate to be able to conduct an independent study comparing water-related geological features on Mars and Earth, taking advantage of the enormous amount of satellite imagery data that has been collected in recent years from exploratory missions to Mars. This semester I am working on an independent meteorological project that includes developing the weather station at Olin Observatory. One of the most valuable lessons that Connecticut College teaches is summed up in the adage, 'If you can dream it, you can do it.' For me this has been a central part of my education that I apply not only to academics but to many other activities as well. It has been a guiding principle in my role this year as co-captain of the varsity sailing team. I see this positive outlook as one of the greatest gifts that Connecticut College is helping to instill in me."

"My professors, whom I respect as scholars and cherish as friends, have expanded my understanding not only of the facts, but, more importantly, of questions – when I learn of a new discovery, I immediately want to know how it was made and what new doors it has opened for future exploration."

— Christopher Krupenye '11



## GARY PARKER

Associate Professor of Computer Science

Specialization: Artificial intelligence, colony robotics

"It is important to create an environment where students can learn the problem-solving techniques that will help them to go beyond the thoughtful use of established applications into the realm of scientific discovery."

## CELIA MEDEIROS '11

Home: Portsmouth, R.I.

Major: Biological sciences with a focus on ecology

Favorite classes: Marine science, photography

Activities: Varsity ice hockey, varsity lacrosse

"This summer I am traveling to Fiji for an internship in reef protection. I am so excited to be able to obtain hands-on experience in an area of study that deeply interests me. Moreover, it is a great educational opportunity for me to experience life abroad."

## SARAH BERKLEY '11

Majors: Environmental studies and history

Internship: Oregon Toxics Alliance

"During my internship I lobbied the state legislature to urge them to pass a bill banning pesticide use in schools. I also started a successful campaign to make a city park pesticide-free. In addition, I worked on an investigative project to study pesticide businesses in the area."

## CHRISTOPHER KRUPENYE '11

Home: Patterson, N.Y.

Major: Biological sciences; certificate student in the Goodwin-Niering Center for the Environment

Research: The cognitive abilities of lemurs and chimpanzees – one project was during study abroad and one was an internship; both were in Africa.

## MARYLYNN FALLON

Senior lecturer in biology; coordinator of Health Professions Program

"My passion for learning has blossomed into a passion for trying to make connections between scientific information and our daily lives and sharing that knowledge. Understanding the connection between one's life in the world and the biology of life is an essential part of self-knowledge. Teaching biology at the college level allows me to help students discover themselves and hopefully catch my passion. I can't imagine a better place to be."

# Impact

*Gifts are already advancing science education*

INDIVIDUALS AND FOUNDATIONS HAVE SUPPORTED SCIENCE EDUCATION with gifts of \$28 million as of Sept. 30, 2010. Here are just a few examples of how their support is already advancing teaching and learning in this key area:

## Science Center at New London Hall

We break ground in spring 2011 for a \$20 million-plus state-of-the-art science building funded almost entirely with gifts.

## Science Leaders Program

This program positions the College as a national leader in recruiting and supporting science majors from underrepresented groups, especially women and minorities.

## Scholarships for science students

Financial aid is designated for a student in the Science Leaders Program or another student in the sciences.

## More than \$7 million in grants for faculty research

in topics ranging from cancer to global warming; students often collaborate with their professors on these important projects.

## Directorship of the Goodwin-Niering Center for the Environment

A new endowed fund provides ongoing support for this position leading one of our flagship academic centers.



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