Eligibility

- Students at Capital, Gateway, Manchester, Middlesex or Norwalk Community College
- Students at Charter Oak or Eastern CT State University (with 60 credits or less)
- Track 1 - Completed one semester biology or chemistry with lab; review basic math (links online)
- Track 2 - Completed one semester of Anatomy & Physiology with lab (Human Bio or a similar course will be considered; basic computer skills
- Interested in pursuing a career in the Health or Life Sciences
- Preference given to students who are:
  - Unemployed / Underemployed
  - Mid-career
  - Veterans
  - Finished a full year of lab science

Feedback on SURP

SURP has been an awesome experience. I met some great students and professors. ~Precilia, Track 1

This is a once in a lifetime experience - you really need to take advantage of it. This program triggers your creativity. I am more interested in becoming a scientist now thanks to this program. ~Ze, Track 1

I think it’s a way to challenge yourself and to push yourself out of your comfort zone ~Susan, Track 2

The highlight of the program for me was the week with Dr. Murdoch, having the opportunity use the confocal microscope. ~Nicole, Track 1

Now I know that I have made the right choice to become a registered nurse ... I see that that [nurses] do play a larger role [in Public Health]. ~Peter, Track 2

Having the college life experience coming from community college was great. [SURP] gives you lots of experience and it helped me decide what direction I want to go into. ~Jessica, Track 2

Questions?

Contact your representative or the SURP Coordinator:
Capitol: Kate Rickard, 860-906-5205
Charter Oak: Karen Rollins, 860-515-3855
Gateway: Janet Hayes, 203-285-2431
Manchester: Marcie Stock, 860-512-2740
Middlesex: Kate Miller, 860-343-5739
Norwalk: Kristy Simms, 203-857-6988

Polly M. Silva, PhD, SURP Coordinator
Eastern Connecticut State University
silvap@easternct.edu • 860-465-4504
www1.easternct.edu/healthlifescience/

Summer Undergraduate Research Program (SURP)
May 26 – July 2, 2015
9 am – 4 pm, Monday - Friday
Applications Due: March 6, 2015

SURP is funded by the Connecticut Health & Life Sciences Career Initiative (HL-SCI), a Trade Adjustment Assistance Community College and Career Training grant, as implemented by the U.S. Department of Labor. HL-SCI is an equal opportunity program. Auxiliary aids and services are available upon request to individuals with disabilities.
Track 1

Bioscience – Search for Cures

For an experiential look into how we study plants to isolate and identify potential medicines and how the study of stem cells could lead to cellular therapies for traumatic brain injury and stroke. Hands-on time with laboratory instruments.

- Explore stem cell research methods, focused on understanding how new neurons are created
- Learn the process used to examine plants for sources of new drugs
- Gain hands-on research using cutting-edge equipment, including the confocal microscope
- Opportunity to present one piece of the research

Particularly useful for: Biology and Biotechnology majors, pre-med, and those studying in the Science sequences.

Why Should I Apply?

- Interactive research experience in one of the two tracks
- Research time using state-of-the-art methods and equipment
- See and hear from employers
- Career guidance
- Field trips to related businesses
- Network with colleagues from across the state
- Prepare and present a poster presentation

…and More!

- Free Dorm Rooms available
- Charter Oak Credits may be available

www1.easternct.edu/healthlifescience/

Track 2

Building Healthy Communities

Gain hands-on experience understanding the components of studying and creating a healthy community. Conduct field research in the local community.

- Explore how public health issues are studied
- Learn to use Geographic Information Systems (GIS) software to identify patterns of health
- Learn measurement and assessment of exercise testing protocols
- Interactively explore the science and practice of nutrition
- Opportunity to present one piece of the research

Particularly useful for: Allied Health, Public Health and Health Majors; Nutrition, Nursing, Fitness & Exercise Instructors, OT Assistants, Rehab Aides, Respiratory Care Specialists, Therapeutic Recreation Aids

www1.easternct.edu/healthlifescience/