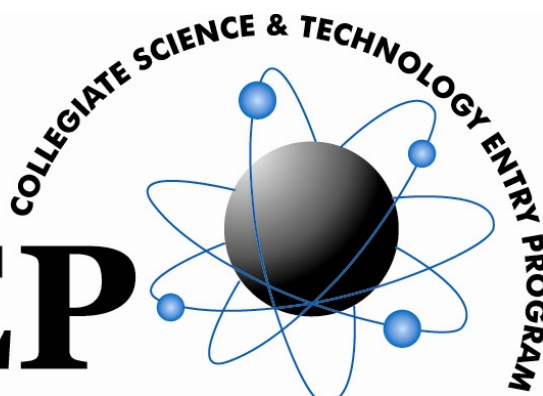


The

NEW YORK STATE

CSTEP



preparing science, technology & licensed professionals since 1986

Resource Guide

Adelphi University
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Project Director
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Program Description:

The CSTEP Program at Adelphi University is called “**College Science Advancement Program**”. The Collegiate Science Technology Engineering and Mathematic (CSTEP) program is to enhance the educational opportunities of Adelphi students who are currently majoring in any of the STEM disciplines, as well as social work and psychology. The targeted groups of students are current and in-coming students who are, and have been historically underrepresented in STEM disciplines and in the licensed professions. The Adelphi College Science Advancement Program builds a learning community that provides the support needed to ensure the retention and success of our students in the sciences, math, technology and health-related careers.

Our goal is to foster the development of students from historically underrepresented groups and financially disadvantaged families in order for students to master challenging content and think critically in science, technology, mathematics, and health-related subjects.

- Customized supports that help to achieve top honors
 - Research presentation opportunities (local, regional and national)
 - Guidance and support from faculty and business mentors
 - Tutoring help in subject areas
 - Industry and Research internship opportunities
 - Preparations for licensing exams and post-college examinations
 - Projects at national universities and research labs
 - Graduate/professional school admissions preparation
-

Barnard College

Nikki Youngblood-Giles

Program Director

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New York, NY 10027

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Program Description:

The Collegiate Science and Technology Entry Program [CSTEP] at Barnard College provides services that are designed to increase recruitment, retention and placement of eligible students in CSTEP-targeted fields and the licensed professions. The program targets the historically under-represented (African American, Latino, Native American and Alaskan Natives) or the financially disadvantaged Barnard student who intends to pursue or shows ability in Science, Technology, Engineering, and Math [STEM] fields, health-related fields and/or the licensed professions of New York [which include education - math & science, law, and social work]

SUMMER CSTEP ACADEMIC PROGRAM INITIATIVE

Barnard College CSTEP's summer program is designed to expose select incoming first-year students (5) to a preview of key gateway mathematics and science courses in preparation for their pursuit of majors in the area of science, technology, engineering, and mathematics (STEM) or the licensed professions of New York State. The summer program brings together talented faculty and promising students for an exciting five week program of coursework, scientific inquiry, field trips, interaction with CSTEP alumni and career professionals. The faculty members design a curriculum emphasizing the sciences, group projects, and other activities to nurture the students' academic interests. As a CSTEP summer student you will have the opportunity to get insight into the rigorous curriculum in math, science, and writing that awaits you as you prepare to pursue your college and career goals. Student participants for the CSTEP Summer Program are recruited to join by invitation only, after the Barnard College admission decision has been made.

Once accepted into the program, CSTEP Scholars at Barnard will benefit by receiving:

- Academic Development and Counseling
 - Personal or Small Group Tutoring
 - Academic Enrichment Workshops
 - Paid Internships and Research Opportunities
 - Financial assistance for specialized preparation courses for standardized examinations (e.g. GRE, LSAT, MCAT, etc.)
 - Career Seminars, Speakers, and Networking Opportunities
 - Enriching Professional/Personal Development Activities [Conferences/Competitions and Academic Showcases]
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CUNY Borough of Manhattan Community College

Everton Barrett

Project Director

Office of Academic Affairs

199 Chambers Street

Room S-425

New York, NY 10007

Phone: (212) 220-8000 ex: 5059

Fax: (212) 220-8319

Program Description:

CSTEP is a program funded by the New York State Education Department. Its mission is to increase the participation of students from under-represented minorities in the fields of science, math and technology, as well as certain licensed professions. For the purposes of this program, historically under-represented minorities include individuals who describe themselves being of African, Hispanic or Native American descent. Individuals from other ethnic groups that are not considered under-represented may still qualify to enter the program by demonstrating economic need. CSTEP promotes academic excellence, for which a minimum grade point average of 3.00 is required to enter the program. At BMCC, CSTEP involves doing a research project under the guidance of a faculty mentor, and also bi-weekly workshops and enrichment activities.

CUNY Brooklyn College

Louise Hainline

Project Director

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Brooklyn, NY 11210

Phone: (718) 951-5252/1712

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Program Description:

The Collegiate Science & Technology Entry Program (CSTEP) at Brooklyn College teaches its members how to take responsibility for themselves and the communities that they are a part of. CSTEP is an inspiring and encouraging program that serves a population that has a history of being underserved. CSTEP is operated by a small professional staff and the students that comprise it. The members of the program are recognized as individuals that require attention based on those qualities that make them special. The members learn quickly that they are responsible for their performance, and must contribute in some way to the positive performance of their CSTEP peers. CSTEP creates an environment of individual goal setting. Seeking and attaining goals are primary, but there is also a strong emphasis on community building. Personal accomplishments are celebrated and disappointments are improved upon.

CUNY College of Staten Island

Debra Evans Greene

Project Director

Office of Access and Success Programs

2800 Victory Blvd., 1A- Suite 310

Staten Island, NY 10314

Phone: (718) 982-2638

Fax: (718) 982-2616

Program Description:

The CSTEP program seeks to increase enrollment and graduation, among historically underrepresented students, in undergraduate and graduate programs leading to professional licensure or to careers in the fields of science, technology, and education at the College of Staten Island (CSI). Through exposure to research opportunities in technology, scientific research, and teaching, CSTEP students will begin to view themselves as professionals and will help to reshape the culture of these professional fields as they reach their desired career goals.

The CSTEP Program is designed for New York State residents, including permanent residents, who must be full-time students and have good academic standing, which includes a 2.75 grade point average and enrollment in an approved scientific, technical, health-related, pre-professional, or professional undergraduate or graduate program of study. Students must be of African, Hispanic/Latino, or Native American/Alaskan Native descent or be economically disadvantaged (based on criteria established by New York State.) Students enrolled in State-funded opportunity programs (AMP, HEOP, EOP, SEEK, or College Discovery) are also eligible to participate in the CSTEP program.

Cazenovia College

Jesse Lott

Project Director

41 Lincklaen Street

Cazenovia, NY 13035

Phone: (315) 655-7280

Fax: (315) 655-7398

Program Description:

Cazenovia College CSTEP is a New York State funded program offering several opportunities to underrepresented populations and economically disadvantaged students with interests in majoring in science, math, engineering, technology or the fields of study leading to licensure. At Cazenovia College, CSTEP provides services for qualifying students majoring in Accounting, Criminal Justice, Biology, Environmental Studies, Interior Design, Psychology, Human Services, Social Sciences and Visual Communications. The mission of CSTEP is to foster academic excellence, teach effective long-term career management skills, and create meaningful pre-professional experiences for program participants.

CSTEP offers academic and career support:

- Laptop loan program
 - Academic, career, and personal counseling is offered to assist students in setting and meeting attainable educational and career goals
 - Important life-long skills are taught through workshops on topics such as resume writing, business etiquette, networking, portfolio building and interviewing skills
 - Academic workshops on study skills, time management, test taking, stress management are offered with one to one follow-up
 - You'll receive periodic newsletters containing information on events and students' achievements
 - Students will network with professionals by attending conferences, listening to guest speakers
 - Students are selected to attend the CSTEP Annual Statewide Conference
 - Assistance with graduate school/career search
 - Assistance in locating and completing scholarship applications
 - Tutorial and study skill support
 - Mentoring for first year students
-

CUNY City College of New York

Dr. Millicent Roth

Project Director

Plaza Level of Marshak Hall Convent Avenue

138th Street New York, NY 10031

Phone: (212) 650-6768/5780

Fax: (212) 650-5773

Program Description:

The CSTEP program at CCNY is called CCAPP (The City College Academy for Professional Preparation). The program provides science, premedical and allied health professional students with a supportive community of fellow students, faculty and staff that promotes their academic success and prepares them for entry into professional careers and/or graduate programs. CCAPP continues to serve students throughout their college careers. In addition to our Summer Program for Entering Students, CCAPP offers Academic Support, Enrichment Activities and Professional & Career Development.

CCAPP Program Services:

- Tutorial Workshops
 - Registration Advising
 - Counseling
 - Student to Student Mentoring
 - Student Center
 - Technology borrowing program
 - Provides community building and social activities
 - Refers students to research and internship opportunities
 - Organizes seminars to inform students about careers in their majors
 - Offers participation in professional conferences
 - Provides review courses to prepare students for entry into graduate and professional schools
 - Assist students in finding mentors and role models in their future professions
-

Clarkson University

Marjorie Warden

Project Director

8 Clarkson Avenue

Potsdam, NY 13699-5514

Phone: (315) 268-6669

Fax: (315) 268-6552

Program Description:

The purpose of CSTEP is to increase the number of college graduates who are from ethnic groups that have been traditionally underrepresented in technical-related fields, or who are from economically disadvantaged families to pursue careers in the fields of Science, Technology, Math, Engineering or the licensed professions. CSTEP is sponsored by the New York State Education Department's Bureau of Professional Career Opportunity Programs.

Clarkson's Collegiate Science and Technology Entry Program (CSTEP) has been in existence since 1994 and has served over 250 students. The program helps to assure a competitive advantage by providing academic guidance and tutoring. The CSTEP staff helps students meet the challenges of the competitive fields within science and the technologies by offering career guidance and skill building that will help students identify and prepare for a career. Students are given opportunities to participate in activities such as conferences; networking with corporations, other colleges and universities; as well as meeting with Clarkson University alumni. This builds their career network, and leads to becoming involved with research, co-op, study abroad, or internship opportunities. CSTEP offers assistance with various graduate and professional exams, or with applying to graduate schools when approaching the end of baccalaureate degree requirements.

Cornell University

Ronald Booker

Project Director

Office of Academic Diversity Initiatives

200 CCC, 235 Garden Avenue

Ithaca, New York 14853

Phone: (607) 255-6384

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Program Description:

Cornell University's Collegiate Science & Technology Entry Program (CSTEP) is an undergraduate scholars program open to New York State residents from historically underrepresented backgrounds, and sponsored by the New York State Department of Education. The purpose of the program is to strengthen students' success rates in preparing for professional licensure and careers in medicine, law, business, education, science, technology, engineering, mathematics (STEM), and health.

SUNY Dutchess Community College

Wendy A. Bohlinger

CSTEP Coordinator

Dutchess Community College

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Poughkeepsie, New York 12601

Phone: (845) 431-8089

Fax: (845) 431-8981/8505

Program Description:

CSTEP has been at Dutchess Community College since the summer of 1987, serving over 1250 students, most of them in nursing and health-related curricula such as pre-med. The program provides eligible students with the following services free of charge: professional tutoring in science, math, nursing and some liberal arts courses; counseling (academic, career, transfer and personal); help with pursuit of internship/scholarship opportunities; access to workshops and conference opportunities and access to books, software, an anatomy dry-lab and the CSTEP computer mini-labs. CSTEP Nursing students also have the opportunity to be paired with a nurse-mentor in the field through the program's association with the Catskill Hudson Area Health Education Center.

Eugenio Maria De Hostos Community College

Dr. Moise Koffi

Project Director

475 Grand Concourse, A-126

Bronx New York 10451

Phone: (718) 518-6774

Program Description:

The Collegiate Science and Technology Entry Program at Hostos Community College is designed to serve first and second year students through a three-part approach that provides the following: (1) tutoring support in gateway courses in Calculus, Discrete Mathematics, Biology, Chemistry, and Physics preparing them for higher-level courses at senior colleges; (2) research experiences and opportunities that include participation in conferences, poster presentations related to STEM careers; and (3) academic advisement, career and financial counseling, and four-year college/preparation workshops and seminars. Throughout the year, students participate in engineering software training preparing them for internships or science/engineering majors. In the summer, the Program provides a six-week academic enrichment that focuses on services and activities aiming at improving the skills and performance of Pre/freshman students in college level courses leading to CSTEP targeted professions. The summer session offers several internship opportunities to undergraduate students who also participate in educational field trips related to STEM careers.

Fordham University

Michael Molina

Project Director

Collins Hall Room 303

Bronx, NY 10458-5191

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Program Description:

CSTEP at Fordham University provides students with a unique college experience that combines academic services and activities with a variety of networking and career-advancement opportunities. Among those services and activities are paid internships and research opportunities, free tutoring and enrichment/support classes in all pre-med/health required science and mathematics coursework, scholarships for test preparation courses, counseling, career workshops, and much more. Participants share invaluable social interaction and congenial support with fellow students who are among Fordham's best and brightest scholars. CSTEP is open to undergraduate students from both the Rose Hill and Lincoln Center campuses. Students are encouraged to apply during their first year, but may do so at any point during their college career. Once accepted, students are expected to participate in academic and career activities, and maintain academic excellence. Prospective Fordham applicants interested in pursuing a Premed/Health profession should know that there is a *CSTEP Summer Scholars Program* for incoming freshmen. The purpose of the program is to provide a smooth transition from high school to the academic and social rigors of university life. The summer program is a five-week residential program, which consists of a three credit math course, a non-credit chemistry and a service learning seminar. In addition, students participate in freshmen skills seminars, meet with key university administrators and faculty and visit health professional schools.

Hofstra University

Anthony Robinson

Project Director

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Hempstead, NY 11549

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Fax: (516) 463-5639

Program Description:

The Collegiate Science and Technology Entry Program (CSTEP) supports Hofstra University undergraduate and graduate students interested in science, technology, engineering, math (STEM) or fields that require pre-licensure. The program offers numerous student support services which include tutorial assistance, academic conferences and workshops, advising and a textbook loaner program, to name a few. The intent of CSTEP is to ensure that students gain professional development skills to obtain a career in a STEM field or gain acceptance into graduate school. The program also offers a summer academy for incoming first-year and transfer students. This comprehensive three-week long academy introduces students to possible career fields and provides building blocks necessary for academic success. Click to learn more about eligibility and applying to CSTEP and to learn about the majors CSTEP supports.

Purpose:

To support students interested in pursuing careers in math, science and technology, or those that require pre-licensure.

Mission:

To provide an environment where students acquire academic and lifelong skills to become outstanding scholars and professionals.

Vision:

To promote academic excellence in the fields of science, technology and pre-licensure professions through quality support and mentoring.

Iona College

Melissa Solis

Director

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New Rochelle, NY 1081

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Program Description:

The Collegiate Science & Technology Entry Program (CSTEP) is a new enrichment program at Iona College. The college was awarded the grant summer 2011 to serve 75 underrepresented or economically disadvantaged students pursuing careers in the sciences and the licensed professions. The goal of CSTEP at Iona is to provide a variety of academic support services that will aid students in completing the baccalaureate degree, and preparing them for graduate programs. Our services include tutoring, assistance with research/internship opportunities; visit to graduate schools open house, assistance with graduate school application and Kaplan review fees, participating in professional conferences, and workshops. Prospective Iona CSTEP students will have the opportunity to participate in a pre-freshman summer program. The summer program consists of a math course, a science course, and college writing.

CUNY Kingsborough Community College

Gary Sarinsky

Project Director

Department of Biological Sciences

Kingsborough Community College

2001 Oriental Boulevard

Brooklyn, NY 11235

Office S 218

Phone: (718) 368-5503

Fax: (718) 368-4873

Program Description:

The Biology–CSTEP Program at Kingsborough Community College is designed to 1) increase historically underrepresented and economically disadvantaged undergraduate student awareness of the biological sciences as career options and 2) to increase the numbers of these students who complete pre-professional or professional education programs of study that lead to licensure in CSTEP-targeted professions. To accomplish these goals, the Biology-CSTEP program has implemented a series of comprehensive strategies and activities which include: a) A CSTEP Program to develop in new students the test taking, time management, and study skills necessary for a successful transition into college; b) Seminars and field trips to expose students to the various career opportunities in the biological and health related sciences; c) A series of workshops and special research-intensive courses to provide students with the skills to conduct research and give research presentations at scientific conferences; d) Meaningful research projects that will result in research presentations and authorships in journal publications; e) Instructional support in “gateway” courses (i.e., small group tutorials or supplemental courses in biology, chemistry and physics; f) Enhanced academic tracking and career mentoring to assure student success and enable them to make a smooth transition into upper four year colleges and professional programs; g) Opportunities to attend professional meetings to present their research findings; and h) Provide students with quality information about college scholarships as well as research and internship opportunities.

CUNY LaGuardia Community College

Sarah Durand

Project Director

31-10 Thomson Avenue

E 300 P

Long Island City, NY 11101

Phone: (718) 482-6083

Fax: (718) 609-2052

Program Description:

The mission of CSTEP at LaGuardia can be summarized as three goals:

1) To support recruitment of CSTEP-eligible students into the College pre-professional programs in the health sciences and secondary education and their subsequent preparation for licensure examinations; 2) to provide academic support for students in STEM majors and by providing academic support at the CSTEP Science Study Center; 3) to provide opportunities for CSTEP-eligible students to engage in research and present their results at conferences and science fairs. This 3-part mission is associated with CSTEP-sponsored events and workshops designed either to increase student appreciation of human experiences that they may not share or designed to increase student engagement with the professional community they wish to join.

LeMoyne College

Darshini Roopnarine

Project Director

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Syracuse, New York 13214

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Program Description:

The CSTEP Program at Le Moyne College incorporates a holistic approach that includes Academic Excellence, Leadership and Diversity, Transformative Social Justice and Partnerships in an effort to prepare historically underrepresented and economically disadvantaged students for professional licensure or to enter careers in the fields of science, technology, engineering and math (STEM). Enrichment activities are designed to increase recruitment, retention and placement of eligible students in severe shortage areas and include Individual Advisement, Workshop Series, Mentorship and Faculty Support, Research Opportunities, Tutoring, Summer Program, Experiential Education, Career and Graduate School Preparation, Conferences, Community Service, Service Learning, Cultural Activities, Day of Service and Mentorship Activities.

Long Island University

Dr. Gladys Palma de Schrynemakers

Project Director

One University Plaza

Brooklyn, NY 11201

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Fax: (718) 780-4045

Program Description:

The Collegiate Science and Technology Entry program (CSTEP) at the Brooklyn Campus of Long Island University has two major goals that the Campus believes will strengthen and support the educational progress, research potential, and career development of program participants. Accomplishing the first goal to recruit and retain under-represented minority and economically disadvantaged men and women into post-secondary education will present program participants with a rigorous science education that will prepare them for entry into careers in the licensed professions. When achieved, the second goal of the CSTEP effort will assist students in achieving their academic and career aspirations, thus building the numbers of minorities in the licensed professions.

Program Services

The Brooklyn Campus CSTEP effort includes a pre-freshman experience, a series of intensive campus based courses and seminars, technology enhanced preparatory classes for the GRE, MCAT and LSAT, career preparedness events, and internship and research opportunities. Students in the program will receive academic reinforcement in small group settings, utilizing pedagogies that make use of and accommodate various learning styles. The program's academic coordinator will also offer students' academic and career guidance in individual and group settings. Moreover, students will participate in science and research seminars led by professionals who can serve as role models. In more formal settings, students will be taught the basic elements of scientific research inquiry and the modes of scientific writing while they undertake guided research experiences.

CUNY Medgar Evers College

Dr. Edward J. Catapane

Project Director

1150 Carroll Street

Brooklyn, NY 1225-2298

Phone: (718) 270-6203

Fax: (718) 270-6196

Program Description:

The mission of the Science Students Enrichment CSTEP of Medgar Evers College is to increase the number of historically underrepresented minorities and economically disadvantaged undergraduate students who complete preprofessional education programs of study leading to professional licensure and careers in various STEM fields including biology, research, medical and health-related fields, environmental science and engineering, and science education. Our mission is congruent with that of the New York State Education Department guidelines for CSTEP programs, and the mission will be achieved by the following purposes to (i) improve student basic study skills, (ii) improve student performance in the science programs, (iii) increase student retention in the science programs, (iv) familiarize students with career options in biology, applied biology, research, medical and paramedical fields, and environmental sciences, (v) increase student exposure to career professionals in biology, applied biology, medical and paramedical fields, environmental sciences; and (vi) ultimately increase the number and preparedness of students completing the science programs who go on to professional licensure and careers in the various STEM fields.

Mercy College

Barbara Jones Jones
Project Director
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Dobbs Ferry, NY 10522
Phone: (914) 674-7204/7234
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Program Description:

CSTEP is a program that is funded by the New York State Education Department and Mercy College. The Collegiate Science and Technology Entry Program (CSTEP) provides academic enrichment, internships and research experiences for students who are economically disadvantaged and historically under-represented in scientific, technical, health-related, or licensed professions. The CSTEP student must demonstrate an interest in, and potential for, a CSTEP-targeted profession. CSTEP students must be enrolled full-time and be in good academic standing in an approved scientific, technical, health-related, pre-professional or professional undergraduate or graduate program of study.

Program Services: CSTEP provides academic enrichment and research experience in STEM content areas. Projects consist of academic year and summer components including:

- Pre-freshman summer program (five weeks)
- Supervised training in research methods
- Graduate/professional school admissions preparation
- Standardized tests preparation for graduate and professional schools
- NYS Licensing exam preparation
- Academic and career development activities
- Textbook and laptop loan program

SUNY Mohawk Valley Community College

Kim Overrocker
Project Director
1101 Sherman Drive
Utica, NY 13501
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Program Description:

Collegiate Science & Technology Entry Program (CSTEP) prepares students for successful careers in medicine, law, education, science, technology, engineering, health, accounting, and more. Sponsored by the New York State Education Department, CSTEP provides academic enrichment and research experience in engineering, science, mathematics and technology content areas to students. Services include supervised training in research methods, transfer school admissions preparation, standardized test preparation, and personal and professional development activities.

To be eligible for CSTEP, an applicant needs to:

- Be a permanent resident of New York State
 - Have a cumulative grade point average of a 2.5 and be enrolled full time (12 or more credits per semester)
 - Be a member of an underrepresented group such as African American, Latino, Alaskan Native and/or Native American
 - **OR** are economically challenged (*meet CSTEP-specific financial criteria*)
 - Be currently enrolled in a major that leads to a licensed profession and/or careers in health, science, technology, engineering, mathematics, and/or math/science education
-

SUNY College at Canton

Stacia Dutton

Director

16 Cornell Drive

Canton, NY 13617

Phone: (315) 379-3804

Fax: (315) 386-7995

Program Description:

SUNY Canton's Collegiate Science & Technology Entry Program (CSTEP) is a scholars program designed to prepare minority and economically disadvantaged students for careers in scientific, technical, engineering, mathematical, health-related and licensed professions. The program, which is part of a statewide effort to address the issue of minority under-representation in the STEM and Licensed professions, emphasizes academic preparation and achievement, and career awareness. Sponsored by the New York State Education Department, SUNY Canton's program is one of 49 that exist on college campuses throughout New York State. CSTEP provides students with a unique college experience that combines academic services and activities with a variety of networking and career-advancement opportunities. Participants share invaluable social interaction and congenial support with fellow students, as well as receive customized strategies for success in both professional and personal aspects of life. Students are encouraged to apply during their first year but may do so at any point during their college career. Once accepted, students are expected to participate in academic and career activities, and maintain academic excellence.

SUNY Monroe Community College

Joann Santos

Project Director

Bldg. 8, Room 318

1000 East Henrietta Road

Rochester, NY 14623

Phone: (585) 292-2584

Fax: (585) 427-2749

Program Description:

MCC CSTEP seeks to increase the number of underrepresented individuals in the fields of science, mathematics, engineering, technology, and the licensed and health professions. Each student will have personalized advisement, receive mentoring from professionals, ongoing career preparation and support, participate in paid (\$\$) internships, participate in professional development activities, such as conferences, personal assistance with job placement and transfer activities, have access to a wide variety of leadership opportunities, tutoring from tutors and faculty, access to academic resources, participate in cultural activities, part of a wonderful and supportive family, have access to many more opportunities! We work with each student to maximize their potential.

New York University

Anna Ortega Chavolla

Project Director

18 Washington Place

8th Floor

New York, NY 10003

Phone: (212) 998-5661

Fax: (212) 995-4193

Program Description:

CSTEP at NYU has helped Black, Latino and Native American students who are New York State residents and maintain a 2.7 overall GPA in the STEM fields. CSTEP offers academic support, career guidance, and skill building that help students identify and prepare for a career in these fields. Program Services: Free Tutorial Assistance is offered for a variety of courses. CSTEP has identified specific academic courses as challenging areas for students: general chemistry, biology, organic chemistry, physics, and calculus. Students also have access to Writing Across the Curricula, which provides assistance with writing papers, essays and graduate school essays. Paid Research Opportunities CSTEP offers students the opportunity to apply and complete competitive internship programs. The internships provide students with research experience or community service opportunities. Mentorship CSTEP works with students to identify faculty members or organizations on or off campus, to serve as mentors in areas related to their field of study. Academic and Career Development Activities: career and academic guidance which build the solid academic foundation necessary to achieve their goals to enter licensed professions and awareness of trends in careers and career development. Graduate and Professional school admissions preparation: Standardized test preparation students are eligible for a 50% discount to enroll in Kaplan MCAT, LSAT, GMAT or GRE preparation courses. Summer Science Enrichment Program previewing Biology, General Chemistry, Organic Chemistry, and Physics material and strengthen skills for academic excellence. Cultural and Social Activities Throughout the year activities are arranged to build a sense of community.

Onondaga Community College

Drake Harrison

Project Director

Gordon Student Center

Room 114

Syracuse, NY 13215

Phone: (315) 498-2429/2307

Fax: (315) 498-2392

Program Description:

CSTEP is a comprehensive support program dedicated to increasing the number of college graduates from both ethnic groups that are traditionally underrepresented in technical-related fields and individuals from economically disadvantaged families who are interested in pursuing careers in science, technology, math, engineering and other licensed professions. CSTEP is sponsored by the New York State Education Department's Bureau of Professional Career Opportunity Programs.

Program services include academic support, personal counseling, career awareness, advocacy, transfer assistance, and access to community contacts as resources and research opportunities. Each CSTEP participant agrees to engage in some form of internship, field work, or research prior to graduation. In addition, those who transfer to four-year colleges or universities serve as alumni mentors for new Onondaga CSTEP students. Special services may include an annual etiquette luncheon, career panel discussions, and guided visits with transfer institutions. CSTEP students may benefit from formal agreements with colleges such as SUNY College of Environmental Science & Forestry, LeMoyne College, Clarkson University, Binghamton University, and SUNY Upstate Medical University.

Queensborough Community College

Francesca Berrouet

Project Director

222-05 56th Avenue

Library Building, Room 418

Bayside, NY 11364-1497

Phone: (718) 631-6036

Fax: (718) 631-6669/6664

Program Description:

CSTEP Queensborough Community College is a joint project of the New York State Education Department and Queensborough Community College. The program is designed for students who are planning careers in (STEM) science, technology, engineering, mathematics and the licensed professions. **CSTEP** provides a number of services to enrich and support students' academic, and career, and personal development. Activities include academic and career advisement, internship and research placement, peer-mentoring to STEP students, weekly enrichment workshops aimed at improving study skills and exposure to other STEM careers. The program also offers faculty mentoring, textbook and laptop loan program. During every semester, students have opportunities to participate in community services and or volunteer activities. Some CSTEP students have the opportunity to present their research projects at local and national student conferences, and participate in field trips. Transfer to senior college assistance is also available to those who are eligible or graduating.

Rochester Institute of Technology

Stacy Burke

Project Director

Liberal Arts Hall 06-A210

92 Lomb Memorial Drive

Rochester, NY 14623

Phone 585-475-7249

Program Description:

The RIT Collegiate Science and Technology Entry Program (CSTEP) works to increase the number of historically underrepresented and/or economically disadvantaged undergraduate and graduate students (who are residents of New York State) pursuing a career in either science, mathematics, technology or a New York State licensed profession. The focus of the program is on the retention and development of RIT-CSTEP students.

The RIT-CSTEP program provides services to students that are designed to help them develop academically, socially and professionally. Some of the services we provide are:

- One-on-one tutoring services
 - Peer and faculty mentors
 - Research opportunities
 - Funding for graduate school preparatory courses
 - Academic workshops and seminars
-

St. John's University

Asnath Gedeon

Project Director

St. Augustine Hall

Honors Common

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Jamaica, NY 11439

Phone: (718) 990-5862

Fax: (718) 990-5564

Program Description:

The Collegiate Science and Technology Entry Program (CSTEP) is an academic enrichment program for college students of color and/or income eligible participants who are New York State residents. The CSTEP program provides its participants with the opportunity to explore careers in the licensed professions i.e.; Education-Math concentration, Psychology, Pharmacy, Law, Speech, etc. In addition, students are also provided with a strong foundation to pursue careers in the areas of science and technology. Prospective participants are selected in their freshman or sophomore year.

Services Offered:

- Graduate School Preparation
- Speakers (Advanced Degree Professionals)
- Undergraduate Research Opportunities
- Participation in the University's Annual "Student Research Day"
- Assistance for application to the Ronald E. McNair Scholars Program
- Career and Professional Development
- Professional Development Skills Workshops
- Clinical Experience
- Internships
- Enriching Professional/Personal Development Activities
- CSTEP Student Conference
- Educational/Social Programs sponsored by the University

St. Lawrence University

Marsha A. Sawyer

Project Director

171K Whitman Hall

Canton, NY 13617

Phone: (315) 229-5605

Fax: (315) 229-7415

Program Description:

The St. Lawrence University CSTEP project plays a vital role in contributing to students' success, both while an undergraduate and in their future endeavors at graduate school or in the job market. Program students participate in academic and career activities, including workshops, career planning and advisement, standardized test preparation, and participation in student conferences and seminars that promote access to careers in math, science, technology, and the licensed professions. In addition, the St. Lawrence University CSTEP project offers opportunities for faculty mentored research and internship experiences designed to culminate in either a research project or written summary of the internship. Annual colloquiums enable students to present their findings by way of poster or oral presentations, as well as explore their career interests through interaction with practicing professionals. Students participate annually in a day of service and enjoy numerous additional options for community service. The variety of CSTEP activities assists students to establish career networks and/or positions them for graduate study in a field which is consistent with their choice of a career in a CSTEP-targeted profession.

SUNY College at Brockport

Barbara Thompson

Project Director

C-18 Cooper Hall

Brockport, NY 14420

Phone: (585) 395-2367

Fax: (585) 395-5410

Program Description:

The Collegiate Science and Technology Entry Program at The College at Brockport focuses specifically on increasing the numbers of economically disadvantaged and historically underrepresented students who successfully achieve careers in the health-related fields, law, social work, and math/science teaching. In fact, 85% of our 436 program alumni have entered those particular careers. We currently have 70 students enrolled in our CSTEP program. Our Activities and Services precisely focus on strengthening our students' academic credentials through experiential learning (both internship and research based) under the direction of our 30+ faculty mentors, professional skill development seminars, individualized tutoring, and preparation for a professional career or graduate school. Since CSTEP is intricately involved in campus efforts to recruit and retain African-American and Hispanic/Latino students, we have constructed a program that ensures continued effectiveness in supporting students of color, especially males, as they progress from freshmen to graduate. Currently 24% of program participants are men of color, a number that will increase with the addition of innovative internship/shadowing experiences provided by CSTEP Alumni who are now professionals working in the Greater Rochester community.

SUNY College at Buffalo

Naomi Diaz

Project Director

1300 Elmwood Avenue

Twin Rise South 310B

Buffalo, NY 14222

Phone: (716) 878-4197

Fax: (716) 878-3473

Program Description:

CSTEP is a student support services program sponsored by the New York State Department of Education and offered by Cora P. Maloney College, located in the Capen Hall of the State University of New York at Buffalo Amherst Campus. The goal of CSTEP is to improve the academic status of the minority and/or economically disadvantaged students who historically have been underrepresented in the scientific, health, health-related, technical and law professions.

SUNY College at Fredonia

Teresa Van Aernam

Project Director

E. 243 Thompson Hall

Fredonia, NY 14063

Phone: (716) 673-3531

Fax: (716) 673-3802

Program Description:

CSTEP, the Collegiate Science and Technology Entry Program, is a New York State Department of Education initiative designed to provide services to students from under represented populations or economically disadvantaged backgrounds who are seeking careers in the science, mathematics, and technological fields and the licensed professions.

The program features strong individualized student contact and support, and includes academic monitoring. CSTEP's goal is to produce and retain competent, well-rounded, and developed scholars in science, technology, and pre-licensure fields through personalized and intensive experiences.

Our mission is to produce and retain competent well rounded students who are highly marketable for career placement and/or continued education in science, technology, and pre-licensure fields. Placing students at the center of the program, CSTEP serves as a "home away from home" for participating students as they pursue their academic goals.

SUNY New Paltz

Stacie Nunes

Project Director

AMP/CSTEP

800 Hawk Drive

New Paltz, NY 12561-2442

Phone: (845) 257-2695/3694

Fax: (845) 257-3730

Program Description:

C-STEP New Paltz establishes a community and provides academic support and enrichment for traditionally underrepresented and economically disadvantaged students with majors in science, engineering, math, computer science, psychology, and science/math education. Our goal is to increase the number of qualified students who earn degrees and enter careers in these areas. An integrated series of services and activities are designed to support students from the time they enter SUNY New Paltz through graduation and to prepare them for their professions. For freshmen and sophomores, the focus is on acclimation and academic success and in subsequent years on career and graduate school exploration and preparation. New students are assigned a staff advisor and encouraged to participate in a short orientation program that immediately precedes the first day of classes. Academic success workshops, tutoring and academic workshops, as well as opportunities to connect with the community are provided. Students are assisted in identifying and applying for research/internship experiences, employment opportunities and graduate school. A Summer Research Program is offered each summer where students work with faculty mentors on projects.

SUNY College at Old Westbury

Dr. Henry Teoh

Project Director

Monique Clark

Program Coordinator

Natural Science Building

PO Box 210

Old Westbury, NY 11568

Phone: (516) 876-2753

Fax: (516) 876-2758

Program Description:

Our CSTEP program consists of both a summer and academic year programs. Summer includes (1) a three week-long residential summer program for incoming freshmen to provide a head-start in preparation for a course of studies in science, technology, engineering and math (STEM) and the CSTEP targeted professions; (2) a one day summer program for transfer students and (3) a mentoring program which will continue into the academic year for freshmen. A comprehensive academic year program will include the following: (4) Student recruitment and advising for careers in the STEM and CSTEP-targeted professions by selected faculty members; (5) A Male Ambassador Program to increase the numbers of African American and Hispanic students in the CSTEP targeted fields; (6) On-campus research conducted in biology, bio-physics, chemistry, science education, psychology, mathematics and computer science; (7) Summer and academic year internship experiences in accounting, health, computer science, pre-law, and the sciences in private corporations, and at Brookhaven National Laboratory; (8) Student participation in cutting edge science at BNL's biotechnology during the winter mini-break, while some other students take part in internships at SUNY College of Optometry; (9) Collaboration with the college's STEP program where CSTEP students serve as mentors for secondary school students; (10) Small group tutorials in certain "gateway courses" in sciences to assist students in their course-work; (11) Student book award incentives for improved grades; (12) Substantial discounts with The Princeton Review test prep partners; (13) Series of seminars and conferences, providing students with access to experiential activities for skill development and workforce preparation; and (14) Day of Service activities designed and presented by student teams to inform students not currently served by STEP and CSTEP about STEM fields and licensed professions.

SUNY College at Oswego

Dr. Cleane Medeiros

Project Director

Daniel Lupa

Project Coordinator

183 Campus Center

Poucher Wing

Oswego, NY 13126

Phone: (315) 312-3021/6413

Fax: (315) 312-4026

Program Description:

CSTEP Scholars Program at SUNY Oswego provides an unmatched academic experience with a strong culture for intellectual growth, academic achievement, social and personal development, and skills building environment supported by structured network of activities which will lead to excellence and preparedness. Our scholars are served by professional staff in promoting our scholars full potential towards their future career endeavors. Highlights of our program: CSTEP Health Connections – pre-health students are closely prepared for summer research and enrichment programs in USA and abroad; attend pre-med student conference; receive assistance for MCAT; professional shadowing, amongst other perks. In a partnership with the SUNY Oswego School of Business, our program CSTEP Accounting Connections, accounting students are closely mentored for a successful CPA career by meeting professionals, networking, assistance with internships and GMAT preparation.

Goals

CSTEP at SUNY Oswego is centered in 4 pillars:

Opportunities for Academic Growth

- Summer Online Program
- Academic advisement
- Individual tutoring
- Academic progress and assistance with early intervention
- Study skills and time management workshops
- Academic achievement awards ceremony and recognition campus wide and statewide
- Educational experiences beyond the classroom - Short and long term study and research abroad (Global Laboratory) programs

Professional Development Activities

- Career and employment development
- Job shadowing
- Resume writing workshops
- Assistance with Summer Internships and REUs applications
- Interview skills
- Attendance at career fairs in CNY
- Seminars by guests speakers
- Professional Development Workshops off campus
- Mentoring with SUNY Oswego faculty and alumni

Social and Personal Development

- Attendance and participation in CSTEP related activities
- The Annual CSTEP Student Conference poster presentation
- Participation at CSTEP recruitment events on and off campus
- Participation in campus leadership role/activity
- Access to social and cultural events

Preparation for Graduate School Program

- Undergraduate research projects and opportunities with SUNY Oswego faculty,
- GRE, GMAT, LSAT and MCAT exam preparation,
- Assistance with graduate school application
- Assistance with fellowship and scholarship application

SUNY College at Potsdam

Sean Partridge

Project Director

CSTEP Office

216 Sisson Hall

Potsdam, NY 13676

Phone: (315) 267-2346

Fax: (315) 267-3061

Program Description:

SUNY Potsdam CSTEP has a more-than-twenty year record of success in supporting students pursuing majors and careers in the STEM fields and licensed professions. Currently, CSTEP serves an elite group of 100 students in an array of majors including Biology, Chemistry, Physics, Community Health, Psychology, Geology, and Math as well as minors such as Pre-Health, Pre-Law, and Pre-Creative Arts Therapy.

Potsdam CSTEP offers a wide range of support programming to students. Each year, students are invited to apply for funding through our CSTEP Research and Internship Program in which they gain hands-on experience in their chosen field while developing mentoring and networking relationships. CSTEP also provides career exploration activities such as visits to industry sites, interaction with STEM professionals, and an annual Career Symposium connecting students and successful alumni. In addition, CSTEP offers tutoring support and academic workshops geared toward promoting student success.

The CSTEP staff is available throughout the year to work with students individually and in small groups providing career and academic counseling. The office also supports loan programs for students needing textbooks, calculators, or laptops and provides support for student conference travel, graduate exam preparation, and graduate school application fees. Our ultimate goals are to ensure that each student graduates with a commendable GPA and at least one experiential opportunity on their resume so that they are best equipped to take that next step into a career or graduate school. How we approach those goals is unique to each student and their own personal career goals.

SUNY Suffolk Community College

Nina Leonhardt

Project Director

533 College Road

North Building

Selden, NY 11781

Phone: (631) 451-4607

Fax: (631) 451-4808

Program Description:

SCCC operates a very successful CSTEP project that services 85 students. Major program components include (1) a summer pre-college orientation and study skills program; (2) academic year tutoring, advisement and field trips and seminars reflective of the targeted professions; (3) job shadowing and interning in the targeted professions; (4) transition programs for graduates continuing their education at four-year institutions; (5) scaffolded mentoring where CSTEP students serve as mentors to our STEP participants; (6) collaboration with SCCC's NSF – STEM scholarship program; and (7) the opportunity to participate in research internships at Brookhaven National Laboratory and at Stony Brook University's Garcia program. Over the course of the many years of running our CSTEP program, we have had many CSTEP students who have won various awards and competitions including but not limited to the Statewide CSTEP Science Poster Competitions and on the national level the US Department of Energy Science and Energy Research Challenge at Oak Ridge Tennessee.

SUNY University at Albany

Felicia Collins

Program Coordinator

Office of Access and Academic Enrichment

Services, LI 94

1400 Washington Avenue

Albany, NY 12222

Phone: (518) 442-5180/5183

Fax: (518) 442-5589

Program Description:

The University at Albany CSTEP program is committed to providing students with the opportunities to discover, achieve, and excel in their chosen academic area. Our goal is to provide support to those students who are underrepresented in the STEM fields as well as those who are in pursuit of the licensed professions. The University at Albany CSTEP program takes on a holistic approach to working with our students from the beginning of their academic career at the university through ultimately graduation. We do this by providing academic and professional assistance which focus on the uniqueness of each student by providing support services such as supplemental academic advising, book loan program, writing lab assistance, mathematics lab assistance, free individualized tutoring, peer mentoring, study skills workshops, and time management assistance.

Professionally we assist by providing career and personal counseling, access to internship expos, graduate school/ medical school fairs, Shadow Day experiences, as well as, information regarding advanced coursework entry exams (MCAT, GRE, LSAT, PCAT, DAT, etc.). Many of our students are also expose to research by applying for the University at Albany Summer Research Program and establishing a lasting relationship with faculty mentors that go beyond the summer program in the fields of Chemistry, Physics, Biology and Nano science. We run an extremely competitive program for eight weeks where students are paired with a faculty mentor from a STEM discipline from across the University and Albany Community. Students also have an opportunity to present their research at the Annual Buffalo McNair Conference as well as on the University at Albany campus at the conclusion of the program.

SUNY University at Binghamton

Dr. Sharon Bryant

Project Director

Decker School of Nursing

P.O. Box 6000

Binghamton, NY 13902-6000

Phone: (607) 777-2678/6184

Fax: (607) 777-4440

Program Description:

The Binghamton University Collegiate and Science Technology Entry Program (CSTEP) prepare students for careers in the accounting, engineering, health, nursing, law and clinical psychology. CSTEP fosters a learning environment with support services that enhance each student's academic growth and professional potential. The program provides the following services: counseling/ advising, tutoring, peer-support groups, enrichment activities, research assistantships and internships and preparation for licensure or admission to graduate or professional school. CSTEP sponsors academic enrichment program related to academic success. The program assists participants in envisioning their future career choices.

SUNY University at Buffalo

Shanna Crump-Owens

Project Director

Cora P. Maloney College

112 Fargo Quad, Bldg. 2

Amherst, NY 14261-0010

Phone: (716) 645-2234/2002

Fax: (716) 645-6710

Program Description:

CSTEP offers valuable tools - advisement, tutoring, paid research internships, scholarships, specialized courses and travel to conferences and workshops, which empower students to become successful in their chosen profession. Our alumni have made major contributions in both their careers and communities. Many of these same graduates report that CSTEP played a key role in helping to develop the confidence and skills necessary to navigate through their college years and into the profession of their dreams.

UB CSTEP offers the following programs and services for our students:**PAID RESEARCH INTERNSHIPS**

CSTEP funds students to get the experience they need to succeed. The CSTEP Research Internship Program provides an opportunity for students to gain career and hands-on research experiences in their chosen field of study. Students complete research relevant to their career interests, which helps them make informed career and graduate school choices. Our interns work with faculty and other off-campus research mentors.

Tutoring

CSTEP students have access to the CADS Computer and Tutorial Lab, which offers tutoring in courses identified as consistent challenges for students; such as anatomy, biology, calculus, chemistry, pharmacology, physiology, physics, and engineering.

Funding Opportunities for Conferences

CSTEP covers travel expenses for selected academic, career, and graduate school conferences and enrichment programs. These opportunities boost students' leadership skills, while also building their resumes.

Scholarships for Graduate School Preparation

CSTEP awards scholarships to students for Kaplan Review Courses, which provide preparation for standardized graduate entrance exams, including the GRE, MCAT, LSAT, GMAT, and PCAT exams.

Summer Research Internship Program

The CSTEP Summer Research Fellowship Program is a seven and a half-week program designed to enhance the competitiveness of underrepresented students pursuing the allied health and STEM professions. In addition to research experience, students participate in a research methods course, seminars, and fieldtrips. At the end of the program, students present their research to peers and faculty at the CSTEP/LSAMP Research Symposium.

SUPPORT FROM THE CSTEP NETWORK OF STAFF, STUDENTS, AND ALUMNI

We offer academic, career, and personal counseling to assist students in overcoming difficulties, find solutions, and establish their priorities. The CSTEP Newsletter, Website, and Student Recognition Dinner recognize the achievements of our students and help build the camaraderie that our students have come to rely on.

Monthly Events, Workshops, and Enrichment Activities

Students who attend our monthly meetings gain invaluable advice as they have the opportunity to learn from other students' experiences and receive professional advice from alumni and guest speakers.

SUNY College of Ag. & Tech at Morrisville

Jeri O'Bryan-Losee

Project Director

PO Box 901

Morrisville, NY 13408

Phone: (315) 684-6009

Fax: (315) 684-6503

Program Description:

Since 2006, Morrisville State College Collegiate Science Technology Entry Program (CSTEP) in Morrisville, New York has successfully prepared historically underrepresented and economically disadvantaged students for entry into careers leading to professional licensure or professions in mathematics, science, technology, health-related fields, including those requiring licensure. To insure that this successful program continues, the CSTEP Program at Morrisville State College will employ a curriculum that is systemic, interdisciplinary, and comprehensive. Integrating strong financial, academic, professional and social support to encourage learning, students will be prepared to pursue and be successful in CSTEP-targeted fields.

Program components:

I. Preparing and inspiring future STEM Scholars through programs and services.

- One-on-one, solution-focused approach to academic advising and mentorship
- An academic development workshop series
- A one-credit Service Learning class
- A three-week summer program "CSTEP Wired"

II. Provide opportunities for inspiration through individual/group experiences outside the classroom:

- Paid and non-paid training/internship placements
- Professional development workshops
- Supervised research/applied project experience
- Opportunities to attend/present at conferences

III. Strong partnerships with competent leadership to enhance effectiveness of STEM education:

- Team-building and cultural awareness programs
 - A large dedicated space furnished with computers and a lending loan library
-

SUNY College of Environmental Science and Forestry

Raydora Drummer Francis

Project Director

One Forestry Drive

110 Bray Hall

Syracuse, NY 13210

Phone: (315) 470-4815

Fax: (315) 470-4728

Program Description:

CSTEP scholars at SUNY College of Environmental Science and Forestry (ESF) have the opportunity to attend special academic and career-related workshops; join professional scientific organizations; attend field trips and science conferences; present research; develop resumes and professional portfolios before graduation. Tutoring is provided for all students, and all students are assigned a faculty mentor to assist and befriend them through to graduation. Additionally, the CSTEP office is a warm and inviting place where students may sit and study, visit, or use the wide array of cultural and academic resources in the lending library.

SUNY College of Optometry

Jeffrey Philpott

Project Director

Francisco Lucio

Co-Project Director

33 W. 42nd Street

New York, NY 10036

Phone: (212) 938-5500/5505

Fax: (212) 938-5504

Program Description:

As its primary objective, the CSTEP project at the SUNY College of Optometry exists to increase the number of historically underrepresented minority students in CSTEP-targeted professions, most particularly in the growing and dynamic profession of optometry. Services to current undergraduate college students include the following:

- Expose, attract and recruit qualified students to the profession of optometry
- Assist students applying to SUNY as well as to other colleges of optometry
- Assist students in the preparation to take the Optometry Admission Test (OAT), the entrance exam required as part of the application and admission process
- Provide career counseling
- Provide students with scientific research opportunities to prepare them for graduate/professional school
- Provide science, math, study and time management skills enrichment so that students are better prepared for the rigors of professional school
- Provide social and cultural services to SUNY Optometry students (who completed CSTEP) to enhance their morale and camaraderie, while monitoring their academic progress and clinical skills
- Assist SUNY Optometry students (who completed CSTEP) before and upon graduation with licensing exams and career placement

Special CSTEP Programs for Undergraduate and Graduate Students

Internship Programs

An important delivery mechanism of the CSTEP project is the on-site Internship Program that occurs in the winter and spring/early summer of each project year. Each session accommodates 12 CSTEP students and runs 8 hours per day for 2 consecutive weeks. In addition to the services outlined above, participating CSTEP interns are assigned to work with fourth-year SUNY Optometry students in their own clinical rotations.

Summer Academic Program

During the Summer of 2012, the College will offer a credit-bearing optometry course, "Introduction to Vision and Optometry," at no cost to participants. This course is considered to be a "pre-first year optometry" and "gateway course" and will be taught by SUNY Optometry faculty. This course provides an overview of exciting topics in vision science and optometry. Students will be introduced to basic ocular anatomy and physiology, visual perception and visual neuroscience. They will also learn and discuss diseases and conditions, commonly seen in clinical practice and will have the opportunity to observe clinical eye care in the University Eye Center. Students may be able to transfer these courses to their home institutions for college credit.

"Introduction to Vision and Optometry" will run for 8 weeks and meet 1-day per week on Tuesdays: May 29th to July 17th, 2012. Depending on the student's status, this course may be taken concurrently while doing the Spring Internship.

Having already passed a bona fide course in optometry prior to applying or enrolling at SUNY Optometry or other colleges of optometry will give CSTEP students a competitive advantage in the admissions process.

Financial Support

Because many students come from economically disadvantaged backgrounds and do not reside in the New York City metropolitan area, CSTEP will defray their expenses associated with travel, food and lodging so that they can participate fully in the Internship Programs and the Summer Academic Program. In addition, a select number of students will be awarded stipends that help to defray the cost of enrolling in OAT preparation courses, 4 CSTEP students will be chosen to present their posters and oral presentations at the annual CSTEP Conference with one SUNY Optometry staff member.

SUNY College of Technology at Farmingdale

Prema Muthuswamy

Acting Project Director

Route 110 & Melville Road

Farmingdale, NY 11735

Phone: (631) 420-2310/2788

Fax: (631) 420-2194

Program Description:

The Collegiate Science and Technology Entry Program (CSTEP) was established at Farmingdale State College during the academic year 1999-2000. It is one of only 49 programs in New York State. The primary objectives of CSTEP are to develop and retain students enrolled in the undergraduate programs in science, technology, engineering and mathematics (STEM) and to prepare them for careers in the licensed professions, and to pursue higher studies and research in STEM fields. CSTEP accomplishes its objectives by offering instructional programs, enabling participation in scholarly activities, conducting conferences and workshops, providing support for guided research and industry sponsored internship programs, and conducting programs aimed at developing skills and competencies for ethical and professional practice in the students chosen field. While CSTEP brings together faculty and students from a broad spectrum of academic programs on campus to undertake projects of mutual interest, it promotes and enables collaborative activities with the science and technology programs at other institutions in the region. CSTEP also serves as an excellent tool to promote science, technology, engineering and mathematics education at the middle and high schools by enabling its members to serve as mentors for STEP students.

SUNY at Stony Brook University

Dr. David Ferguson & Dorys Johnson

Co-Directors

Harriman Building, Room 347/345

Stony Brook, New York 11794-3760

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Fax: (631) 632-7809

Program Description:

Like its middle/high school counterpart (STEP), the goal of the Collegiate Science and Technology Entry Program (SBU CSTEP) is to promote academic excellence and to provide support services for its participants. This New York State Education Department effort encourages and prepares historically underrepresented and economically disadvantaged Stony Brook University students for entry into scientific, technical, health and health related professions, including many areas where licensure is required.

In addition to providing a “community of scholars” environment in which students feel supported and are able to network, some of the programming offered by SBU CSTEP are preparation for professional exams, academic/career advisement, a pre-freshman summer residential program for credit and academic enrichment, as well as pre-professional internship placements on the University campus. SBU CSTEP promotes student involvement in designing the focus of the program and, through collaboration with CSTEP faculty and staff, helps students achieve their full academic potential. The philosophy of the SBU CSTEP is to EDUCATE, EQUIP & EMPOWER students with the information, experiences and the skill sets needed to graduate and succeed in STEM (Science, Technology, Engineering and Math).

SUNY Upstate Medical

Nakeia Chambers

Project Director

SUNY Health Science Center at Syracuse

750 East Adams Street

Syracuse, NY 13210

Phone: (315) 464-8834

Fax: (315) 464-8535

Program Description:

CSTEP at SUNY Upstate Medical University is unique! We strive to create an environment of holistic support to guide historically underserved students toward the completion of an advanced degree in medicine, biomedical research, nursing, and the allied health professions. This support includes peer and professional tutoring, career training and advisement, skills enhancement workshops, and academic counseling. Program services are designed to increase recruitment, retention and placement of eligible students in severe health care delivery shortage areas. The program aims to help the scholars realize the importance of academic stability, networking, volunteering, and research. Each of these priorities are imperative to ensure advancement in the health-related licensed professions. We are proud to help our students reach their ultimate goal of entering healthcare as doctors, nurses, biomedical scientist, and other licensed healthcare professionals with a desire to serve our underserved community throughout New York State. In partnership with CSTEP and the NYS Department of Education, we will work to make sure students realize their potential. The return on investment, while ultimately immeasurable because of the vast ripple effect, will result in well trained professionals and healthier communities.

Touro College of Pharmacy

Deborah Williams

Project Director

2090 Adam Clayton Powell Blvd

Suite 603

New York, NY 10027

Phone: (212) 851-1192/2542

Fax: (212) 531-2264

Program description:

The ultimate goal of the Touro College of Pharmacy CSTEP is to contribute to the preparation of a future health care workforce that is more diverse, motivated, and better prepared to increase access to care and eliminate health disparities among medically underserved people. Our programmatic objectives target historically underrepresented and economically disadvantaged students who are interested in a career in pharmacy; assisting students to overcome barriers (academic, economic, cultural, etc.); to post education; providing career exploration opportunities; offering educational enrichment and skill building activities; assisting with post secondary college and financial aid applications; preparing students for the rigors of pharmacy school; and facilitating entry into and graduation from pharmacy college. Students are given an opportunity to engage in public health as well as bench research at a variety of venues that span from academic institutions to industry. The program provides financial and academic supports for students involved in research. The academic support includes career networking opportunities, assistance with standardize testing, undergraduate and graduate exams and professional development. Our individual/group recitations classes and afterschool workshops target concepts as well as content utilizing student mentors and professionals in the field. The overreaching mission of the program is to inspire excellence in performance and to prepare students to achieve that goal.

Touro College of Pharmacy CSTEP services:

1. Research literature workshop
 2. Financial planning and how to reduce student loan debt
 3. Academic tutorials
 4. Urban health careers initiative
 5. Biomedical research training program
 6. Financial and academic support for research internships opportunities
 7. Participation in professional conferences
 8. Student mentorships and role models to enhance future career aspirations
 9. Pharmacy Seven week Summer Program (PSSP) of small group tutorials or supplemental instruction for matriculated pre-professional students
 10. Improve study skills and student performance in the basic sciences
-

Syracuse University

Leonese Nelson

Project Director

111 Waverly Avenue

203C Browne Hall

Syracuse, NY 13244

Phone: (315) 443-2622

Fax: (315) 443-5683

Program Description:

Founded in 1986, the Collegiate Science & Technology Entry Program (CSTEP) prepares students for successful careers in medicine, law, education, science, technology, engineering, health, accounting, and more. CSTEP provides academic enrichment and research experience in engineering, science, mathematics and technology content areas to students from historically underrepresented, as well as economically disadvantaged backgrounds that up-hold a cumulative grade point average of 3.0 or better as an undergraduate and 3.2 as a graduate/law student. The services provided include supervised training in research methods, graduate/professional school admissions preparation, standardized test preparation, and personal and professional development activities. Guided by a belief that lifelong success is dependent on many factors, CSTEP provides academic support supplemented by personal development opportunities.

Utica College

Johnni F Mahdi

Project Director

1600 Burrstone Road

Utica, NY 13502-4892

Phone: (315) 792-3209

Fax: (315) 792-3316

Program Description:

The Collegiate Science and Technology Entry Program (CSTEP) at Utica College has one main focus and that is to increase the number of students who are pursuing professional licensure and careers in mathematics, science, technology and health-related fields. It provides students from historically under-represented and or financially disadvantaged families, who have a cumulative grade point average of 2.5 or above, tutoring, academic advising and counseling services. While in the program, students complete an internship in their chosen field, attend conferences and workshops that aid in preparation for the profession, and receive some financial support to cover the cost of books. Students also gain practical experience through job shadowing, mentoring, and cooperative jobs.