

HOLYOKE COMMUNITY COLLEGE

Futures Inspired

HEALTH CAREERS SUMMER ACADEMY

HOLYOKE COMMUNITY COLLEGE

August 2-13, 2010



HISTORY OF PV-HCOP

The University of Massachusetts Amherst Donahue Institute Pioneer Valley Health Careers Opportunity Program (PV-HCOP) (www.pvhcop.com), in conjunction with educational institutions such as Holyoke Community College, Springfield Technical Community College, Greenfield Community College, and Springfield College, Springfield, Holyoke, and Franklin County public schools, several regional health organizations and other community agencies, is seeking to increase student awareness about various careers in allied health fields. PV-HCOP is a program sponsored by the U. S. Department of Health and Human Services (DHHS). The goal of HCOP is to create an allied health career workforce that reflects the racial and ethnic characteristics of the greater community, with special focus on assisting high school students from diverse backgrounds to enter and graduate from a health or allied health professions program (excluding nursing) at the associate's degree or bachelor's degree level and beyond.

Each partner provides special programs within their region. This summer, Holyoke Community College is offering a *NEW* Health Careers Summer Academy (HCSA) for Rising 10th grade Holyoke Public School students from August 2-13, 2010. We look forward to having your child apply for the program. Spaces are limited to 25 so please make sure your application is completed no later than April 16, 2010. Please have your child give it to **Mr. Douglas J. Arnold at Holyoke High School Guidance Department and to the Main Office at Dean Tech.** Please contact Janice B. Carmichael at (413) 552-2026 or jcarmichael@hcc.edu for further information.

If you are a former 2009 Health Careers Summer Institute (HCSI) student, you may mail your application to Janice B. Carmichael, Program Coordinator/Teacher Advocate, Holyoke Community College Division of Health, HCOP, Marieb 225, Holyoke MA 01040.

This is a competitive application. You must also have two Letters of Recommendation (see attached form) completed and sent to Janice B. Carmichael before your application is complete. You will be notified before the end of April if you have been accepted to the program.

2010 HEALTH CAREERS SUMMER ACADEMY APPLICATION

Holyoke Community College (HCC) *invites you to apply* to the Health Careers Summer Academy (HCSA). Offered to rising 10th grade Holyoke Public Schools students from Holyoke High School or Dean Technology High School, HCSA will be offered from August 2 to August 13, 2010, Monday through Friday, from 8:30 a.m. to 1:00 p.m. at Holyoke Community College. Hosted by the HCC Division of Health, HCSA is designed to provide you with an intensive, hands-on, fun and instructional experience that introduces you to the world of Public Health and other careers in health care and allied health. You will also have an opportunity to shadow health professionals in a professional setting.

The Investigation of An Outbreak

During the two weeks, you and your fellow students will take on the role of *Epidemiologists* and *Medical Sleuths* as you investigate an outbreak of a mysterious illness in the fictitious town of Hydroville. The “*Investigation of an Outbreak*” curriculum project was funded by a grant from the National Institute of Environmental Health Sciences (NIEHS), National Institute of Health (NIH) and developed by the Environmental Health Sciences Center and Marine/Freshwater Biomedical Sciences Center at Oregon State University. The program incorporates a wide range of academic subjects such as math, logic, writing, oral presentation skills, English, deductive reasoning, and critical thinking in the context of a Case Study. You will learn to utilize technology and create and sort information on spreadsheets using MS Excel. You will also learn how to interpret tables and graphs.

You will work in teams to determine whether there *really is an outbreak*, and how, where, and by what means the Mysterious Illness began and was transmitted with the goal of finding ways to control and prevent its further spread. As Epidemiologists, you will study the patterns of the disease outbreak within Hydroville through a series of specific investigation steps.

Working with various forms of data such as maps, spread sheets, epidemic curves, histograms, and other case reports, you will be challenged to

- establish the existence of the outbreak
- collect patient data
- develop a case definition
- generate a working hypothesis
- support their hypothesis with facts
- build knowledge about the outbreak
- implement control and prevention measures
- communicate their findings and interact with the public and press.
-

Final Presentation

Each Team will make a Final Presentation before a panel of media experts who will rate their presentation.

Guest Speakers

Guest Speakers from a variety of health and allied health careers will provide you with career and education information as well as hands-on experiences in the classroom.

Job Shadowing

Working with local health organizations, you will have an opportunity to interview and spend time with at least one health care professional.

Higher Education Site Visits

You will have an opportunity to learn about college/university admissions policies and various health-related programs at three local higher education institutions:

- Holyoke Community College Admissions
- University of Massachusetts at Amherst Admissions and School of Public Health
- Bay Path College Admissions and Department of Forensics

EARN WHILE YOU LEARN STIPEND

- You will receive a Stipend of \$30 a day or \$300.00 at the end of the 2 weeks
- You can have only 1 excused absence
- For every day you miss, you will not be given a Stipend

REQUIREMENTS:

- You will be expected to attend all two (2) weeks in order to receive your Certificate of Graduation and Stipend

THE PROGRAM:

Location:	Holyoke Community College
Room:	TBA
Dates:	August 2-13, 2010
Times:	8:30 a.m. to 1:00 p.m. daily
Days:	Monday-Friday
Refreshments:	Provided daily
Materials:	Provided by HCC
Transportation:	HCC will provide a bus
Graduation Ceremony:	Friday August 13, 2010
Location:	HCC – Room To Be Announced

APPLICATION
HOLYOKE COMMUNITY COLLEGE
2010 HEALTH CAREERS SUMMER ACADEMY (HCSA)

STUDENTS: Please answer all questions.

LAST NAME: _____
FIRST NAME: _____
MIDDLE INITIAL: _____

PARENTS'/GUARDIANS' INFORMATION:

LAST NAME: _____
FIRST NAME: _____
MIDDLE INITIAL: _____

HOME ADDRESS: _____ CITY: _____ ZIP: _____
APT. NUMBER: _____

TELEPHONE: _____ EMAIL: _____
PARENT CELL PHONE: _____ WORK PHONE: _____

STUDENT CELL PHONE: _____

Student Gender: (check one) Male Female Other

ARE YOU A FORMER 2009 HCC HEALTH CAREERS SUMMER INSTITUTE STUDENT?
 Yes No

SCHOOL CONTACTS:

CURRENT SCHOOL ATTENDING (Check one)

- Holyoke High School
- William J. Dean Technical High School
- Other: _____

Guidance Counselor's Name: _____ Telephone Number: _____
Health or Science Teacher's Name: _____ Telephone Number: _____
Other: _____ Relationship: _____ Telephone Number: _____

1. Are you currently in the 9th Grade? Yes No If no, what grade are you in? _____
2. Are you pursuing a career in the health or allied health field? Yes: No:
- a. Please briefly explain: _____
- b. If at Dean Tech, what program are you studying? _____

3. How interested are you in pursuing a career in health or allied health? (Check the number of the response that best describes your interest.)

- Very Interested 4
- Somewhat interested 3
- Somewhat uninterested 2
- Completely uninterested 1

4. If you have considered a health or allied health career, what kind of job were you interested in?

- | | | |
|--|---|---|
| <input type="checkbox"/> Clinical Lab Technician | <input type="checkbox"/> Dental Assistant | <input type="checkbox"/> Dental Hygienist |
| <input type="checkbox"/> Dentist | <input type="checkbox"/> Doctor (MD) | <input type="checkbox"/> Emergency Medical Tech |
| <input type="checkbox"/> Health Administration | <input type="checkbox"/> Information Technology | <input type="checkbox"/> Massage Therapist |
| <input type="checkbox"/> Medical Assistant | <input type="checkbox"/> Nurse | <input type="checkbox"/> Occupational Therapist |
| <input type="checkbox"/> Optometry (eye Dr.) | <input type="checkbox"/> Pharmacist | <input type="checkbox"/> Physical Therapist |
| <input type="checkbox"/> Public Health | <input type="checkbox"/> Radiological Tech | <input type="checkbox"/> Respiratory Therapist |
| <input type="checkbox"/> Sonographer | <input type="checkbox"/> Nutritionist | <input type="checkbox"/> Dietician |

Other (please specify): _____

5. List three reasons you think a career in a health profession would be interesting:

1. _____
2. _____
3. _____

6. What are your career goals? (Check the one that best applies to you)

- a. Get a job right after high school graduation
- b. Enter college right after high school graduation
- c. Pursue co-op work programs after high school graduation
- d. Enter military after high school graduation
- f. Don't know plans after high school graduation

7. How old were you when you became interested in the health field as a potential career? _____

8. Do you know which degree or certificate is required to enter your health career choice?

- One-year certificate
- Two-year degree (associate's degree)
- Four-year degree (bachelor's degree)
- Graduate degree (master's degree)
- Post-graduate degree (doctorate's degree)
- Don't know

9. Do you know anyone currently working in healthcare? Yes No

Who? _____ (e.g. Mom, Dad, etc.)
What job do they have? _____

10. List the subjects you enjoy at school: _____

11. What afterschool activities do you participate in at school or elsewhere? (e.g. Art Club, football etc.)

12. List subjects, classes, and activities that are a challenge for you in school
