Health Science Career Exploration Institute (HSCEI), the former Medical Explorers Program.

The Health Sciences Career Exploration Institute (HSCEI) is an after school program for high school students in grades 9 - 12 that provides exposure to careers in the health sciences at the University of Pittsburgh particularly to students from groups who have been historically underrepresented in the health sciences. Participants will learn about the broad variety of career options available in health care and engage in exciting, hands-on experiences. The program meets each Wednesday from December 10, 2014 through April 22, 2015 from 6:00 pm – 7:30 pm on the University of Pittsburgh main campus. Sign up today to be a part of this exciting program. The application deadline is Friday, December 5, 2014. The application packet is listed below.

For more information about HSCEI, please contact: Rhonda Matthews at rlm33@pitt.edu or dial 412-648-9674.
The Office of Student Affairs and Diversity Programs at the University of Pittsburgh School of Medicine would like to invite you to participate in our 2014-2015 Health Sciences Career Exploration Institute (HSCEI). A primary goal of the Institute is to increase the number of high school students from underrepresented groups who are prepared for careers in the health sciences, including medicine, dentistry, nursing, pharmacy, public health and rehabilitation sciences.

The Heath Science Career Exploration Institute is an initiative of the six schools of the health sciences and the affiliated hospitals and clinical sites of UPMC. Participants will learn about the broad variety of career options available in health care and engage in exciting, hands-on experiences.

The program meets weekly in the fall at the various schools of the health sciences on Wednesday evenings 6:00 pm – 7:30 pm. Orientation is scheduled for Thursday, December 4th at the Biomedical Science Tower, Room S-100 located on 203 Lothrop Street (directly across from UPMC Presbyterian Hospital Emergency Room entrance). The first session will be held on Wednesday, December 10, 2014 at 6:00 pm in Scaife Hall, Lecture Room 2. A parent or guardian must attend the Orientation.

Meter parking is available on Terrace, DeSoto and Lothrop Streets, and indoor parking is available in the Biomedical Science Tower Garage at Terrace and Lothrop streets. Please enter Scaife Hall on Terrace St. A campus map is included.

The program adheres to the nondiscrimination policy of the University of Pittsburgh.

In partnership with the Office of Health Sciences Diversity, a program of the Schools of the Health Sciences: the Schools of Medicine, Dental Medicine, Nursing, Pharmacy, Health and Rehabilitation Sciences, and Public Health
The Health Sciences Career Exploration Institute (HSCEI) is an after school program that provides exposure to careers in the health sciences at the University of Pittsburgh particularly to students from groups who have been historically underrepresented in the health sciences by providing:

- **Career Awareness and Exploration:** Experiences that assists students in understanding the roles of the career(s) as well as the high school academic preparation required
- **Clinical Experience:** Interactive Workshops related to activities in the profession
- **Student Mentoring:** Panels and or speed mentoring format
- **Academic Experience:** Scientific presentations, and or interprofessional clinical case presentations that demonstrate the intersection of professionals in the medical community
- **Reflection:** Journal and feedback sessions that relate to the impressions of the profession and the academic preparation required
- **Mini School:** * A morning of mini courses taught by faculty and or students that present profession related content and provide a Mini School certificate of completion
- **Observation and Influential Conversations:** Observation of a professional and or a conversation that provide faculty the opportunity to share their careers experiences through the continuum of education, training and practice
- **Academic Planning:** Planning that provides the course pathway and choice specific to the health sciences
- **Student Success Skills:** Exposure to the skill behaviors and attitudes required for academic success
- **Completion Ceremony:** A celebration of achievement

**Criteria for Consideration**

- Grade 9-12 (40 participants)
- Grade level or above in math (grade 9 Algebra)
- 2.5 overall GPA or above
- Current enrollment in science
- Recommendation from the school
- US Citizen or Permanent Resident

Implementation by October 2014

*optional

The program adheres to the nondiscrimination policy of the University of Pittsburgh.
Health Sciences Career Exploration Institute

Application Instructions:

1. Complete application and release forms
2. Sign the recommendation release and provide to your science teacher
3. Sign all forms
4. The recommendation is to be sent separately
5. Return all other signed material to the below address by Friday, December 5, 2014

Office of Diversity Programs
University of Pittsburgh School of Medicine
532 Scaife Hall
3550 Terrace Street
Pittsburgh PA 15261
Health Sciences Career Exploration Institute (HSCEI)

Application Form

Office of Student Affairs and Diversity Programs
532 Scaife Hall
Pittsburgh, PA 15261
Office: 412-648-8987
Fax: 412-624-2516
DiversityPrograms@medschool.pitt.edu

Please type or print the information requested in the space provided.

Name____________________________________________________________________________________________________________

(Last)                                                                     (First)                                                             (M.I.)

Date of Birth___________________________________________

MM/DD/YY

Address_________________________________________________________________________________________________________

_________________________________________________________________________________________________________

E-mail address_________________________________________________________________________________________________

Phone ___________________________________________________ Cell____________________   Home______________________

Are you a U.S. citizen or a permanent resident?     Citizen_________           Permanent Resident__________

How do you describe yourself?         Please check all that apply (optional)

African-American/Black______       Native American______________                Hispanic/Latino_______

Caucasian_______                                           Other (Specify)________________

Please indicate your current school status:

High School: _____Freshman       _____Sophomore   ______Junior     _______Senior
Family Information

Father                   Mother
Name________________________________________________               Name____________________________________________
Occupation____________________________               Occupation_____________________________________

Number of brothers and sisters_____________       Ages________________________

If any of your brothers or sisters attend or have attended college, please list the institution, dates of attendance and any degrees obtained.

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Please list the titles and grades of your science and math courses.

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List extracurricular activities including volunteer work during the past three years (excluding jobs).

1. ___________________________________________________________________________________________________________

2. ___________________________________________________________________________________________________________

3. ___________________________________________________________________________________________________________

List any academic honors, prizes or scholarships you received in high school

______________________________________________________________________________________________________________

______________________________________________________________________________________________________________

At the present, what is your career goal?

______________________________________________________________________________________________________________

______________________________________________________________________________________________________________

______________________________________________________________________________________________________________

How did you hear about this program? _________________________________________________________________

Recommendations

Give the names, titles and addresses of teachers who you will ask to complete and submit recommendations.

Name___________________________________________________Name _____________________________________________

Title ____________________________________________________Title ______________________________________________

Address________________________________________________Address___________________________________________

Essay

On a separate page, please discuss your background explaining any unusual aspects of your education, career plans at this stage of your life. Explain why you are interested in the HSCEI

I certify that the information in this application is true and correct.

______________________________________________________________________________________________________________

Applicant Signature                                                                                                                                Date
Health Sciences Career Exploration Institute
Recommendation Form

Applicant's Name__________________________________________________________________________________________

I waive access to this document under the Family Rights and Privacy Act (the Buckley Amendment).

Signature______________________________________________________________________________ Date__________________________

To the applicant:
After you have read and completed the information above, please give this form to a faculty member who is familiar with your work.

To the recommender:
The above named student is applying for the University of Pittsburgh School of Medicine’s Health Science Cares Exploration Institute. Your candid estimate of the applicant’s academic performance, potential for success and qualities as a person will help us in making selections for admission. Information provided on this form will be used solely for admission purposes and as such, is not subject for review by the student. Please complete this form as soon as possible and return it to the address above.

1. How long have you known the applicant?__________________________________________________________

2. In what subject(s) have you taught the applicant?__________________________________________________

3. In your judgment, does the applicant show strong interest in the health sciences? Please comment:
____________________________________________________________________________________________________________________
____________________________________________________________________________________________________________________
____________________________________________________________________________________________________________________

4. Please provide a brief appraisal of the applicant's academic capability, motivation and personality. **Feel free to attach and additional sheet or letter.**
___________________________________________________________________________________________________________________
___________________________________________________________________________________________________________________
___________________________________________________________________________________________________________________

Recommender Name__________________________________________________________ Title________________________________

School Address______________________________________________________________________________________________________

Telephone_________________________________________________________Date_____________________________________________

E-mail_______________________________________________________________________________________________________________

Signature_____________________________________________________________________________________________________________
Careers in Health Sciences are awesome! Take a look at some of the amazing things that you can learn and do.

Prepare for a Rewarding Career in Medicine

There are more than 120 specialties and subspecialties in the field of medicine! Choosing the right field can be an exciting step and a challenging step towards fulfilling your career goal of becoming a physician. A physician is a professional who practices medicine, which is concerned with promoting, maintaining or restoring human health through the study, diagnosis, and treatment of disease, injury, and other physical and mental impairments. They may focus their practice on certain disease categories, types of patients, or methods of treatment. The School of Medicine aims to increase and further cultivate your interest in a career within various health professions as well as expose you to a curriculum that will develop your skills in the sciences. The program offers selected topics that will study various diseases that are most commonly found in minority communities and provides activities which include exercises in problem solving and comprehension, research methods, and decision making. You are invited to come and explore medicine through an interactive approach to learning that will expose you to the techniques of medical professionals during hands-on experiments such as: suturing, testing vital signs, simulation clinic activities, and more. Additionally, you will explore other areas of study and career paths within health care such as pharmacy, nursing, dentistry, public health and health and rehabilitation services.

University of Pittsburgh School of Medicine
3550 Terrace Street | Scaife Hall, Suite 532 | Pittsburgh, PA 15261
Careers in Health and Rehabilitation Sciences

The University of Pittsburgh School of Health and Rehabilitation Sciences (SHRS) offers students a world-class education for a wealth of opportunity in various health care professions. SHRS is home to five nationally ranked graduate programs and world-renowned faculty and clinicians within many areas of the health sciences. Our mission is to advance health and rehabilitation through research, teaching, and professional service. Our undergraduate programs include: Athletic Training, Communication Science, Emergency Medicine, Health Information Management, Nutrition and Dietetics, and Rehabilitation Science. We also offer these graduate programs: Audiology and Speech-Language Pathology, Health Information Systems, Health Care Supervision and Management, Nutrition and Dietetics, Occupational Therapy, Physical Therapy, Physician Assistant Studies, Prosthetics and Orthotics, Rehabilitation Counseling, Rehabilitation Science and Technology, Sports Medicine, and Wellness and Human Performance.

University of Pittsburgh
School of Health and Rehabilitation Sciences (SHRS)
4022 Forbes Tower | Pittsburgh, PA 15260 | shrs.pitt.edu

University of Pittsburgh
School of Dental Medicine

A Career in Dental Medicine

Dentistry is a career field in which science, art, and creativity come together to provide patients with basic and advanced oral healthcare needs, such as cleanings, exams, tooth extractions, and surgeries. There are a variety of careers within the dental profession, including General Dentists, Dental Hygienists, Dental Assistants, and specialists such as Orthodontists. In your studies of dentistry, you will work with current dental students to simulate general dental practices, including drilling and making models of teeth. Dentistry is a fun and exciting field, and we are looking forward to having you in our school!

University of Pittsburgh
School of Dental Medicine
3501 Terrace Street | Salk Hall | Pittsburgh, PA 15261
A Career as a Doctor of Pharmacy

Pharmacists are patient-care providers who focus on the appropriate, safe, and effective use of medications while collaborating with members of a health care team. Changes in the US healthcare system are driving an exciting evolution of responsibilities and roles for pharmacists. Our graduates practice in a variety of environments on the continuum of keeping healthy communities healthy to caring for the sickest of the sick.

University of Pittsburgh School of Pharmacy
3501 Terrace Street | 903 Salk Hall | Pittsburgh, PA 15261

Public Health Careers

What is Public Health?
Public health addresses today’s most pressing health concerns by combining the expertise of several professions. The five core areas of study within public health are behavioral and social science, biostatistics, environmental and occupational health, epidemiology and health policy and management.

Careers in Public Health
Public health professionals called epidemiologists are the “disease detectives” that work to determine what causes diseases and outbreaks such as the flu, HIV/AIDS, tuberculosis, and the Ebola virus. Others study the impact of the environment on health conditions like asthma and cancer, and they improve the water supply for us to drink and swim. And some promote healthy lifestyles to prevent chronic diseases like heart disease, diabetes, and obesity. Biostatisticians use math and science in collecting and studying information, like trends in drunk driving injuries, to make reliable conclusions and improve safety for all.

Public Health Needs You!
Do you want to help people make healthy choices? Educate people about the importance of vaccinations and medical screenings? Teach a new mother about proper nutrition for herself and baby? Study global health issues in a foreign country? Collect food and water samples to test for safety? Manage a public health clinic or health department?

The possibilities are endless! All that is needed is YOU!

University of Pittsburgh Graduate School of Public Health
207H Parran Hall | 130 DeSoto Street | Pittsburgh, PA 15261
www.healthequity.pitt.edu
Careers in Nursing

The American Nurses Association states that nursing is the protection, promotion, and optimization of health and abilities, prevention of illness and injury, alleviation of suffering through the diagnosis and treatment of human response, and advocacy in the care of individuals, families, communities, and populations.

Nurses

- Perform physical exams and health histories
- Provide health promotion, counseling and education
- Administer medications, wound care, and numerous other personalized interventions
- Interpret patient information and make critical decisions about needed actions
- Coordinate care, in collaboration with a wide array of healthcare professionals
- Direct and supervise care delivered by other healthcare personnel like LPNs and nurse aides
- Conduct research in support of improved practice and patient outcomes

University of Pittsburgh School of Nursing
3500 Victoria Street | Victoria Building | Pittsburgh, PA 15261

University of Pittsburgh

HEALTH SCIENCES DIVERSITY

Excellence in Health Professions Education

The Office of Health Sciences Diversity exists to foster an inclusive environment for students, trainees, and faculty within the health professions schools and to increase the number of well-trained professionals who reflect different cultures, ethnicities, socio-economic backgrounds, abilities, genders, religious affiliations and sexual orientations.

University of Pittsburgh Office of Health Sciences Diversity
M216E Scaife Hall | 3550 Terrace Street | Pittsburgh, PA 15261
RELEASE

This is a legally-binding Release, Waiver, Discharge and Covenant Not to Sue made by me/us, ______________________, [print full name of parent] and ______________________, [print full name of parent] to the University of Pittsburgh - Of the Commonwealth System of Higher Education (AUniversity@) and to others.

It is my/our minor child=s desire to participate in the University of Pittsburgh Health Sciences Career Exploration Institute, at the University of Pittsburgh, on December 1, 2014 through April 30, 2015 (“Activity”). I/We fully recognize that there are dangers and risks to which _______________ [minor=s name] may be exposed by voluntarily participating in the Activity. Examples of these dangers and risks are injuries or conditions including, without limitation, muscle or ligament damage, lacerations, abrasions, contusions and fractures, heart attack, as well as other injuries or conditions, up to and including serious physical injury or impairment or loss of life. I/We appreciate the character of the risk taken and, on behalf of my/our child, voluntarily assume all risk of harm. I/We understand that the University does not require my/our child to participate in the Activity, but I/we want him/her to do so, despite the possible dangers and risks and despite this Release.

I/We therefore agree to assume and take on myself/ourselves all of the risks and responsibilities in any way associated with participation in the Activity. In consideration of and return for the opportunities, services, facilities, equipment or other things provided to me/us or my/our child by the University, I/WE HEREBY RELEASE THE UNIVERSITY the Schools of the Health Sciences (School of Medicine, School of Nursing, School of Dentistry, School of Pharmacy, School of Health and Rehabilitation Sciences, School of Public Health AND ITS DIRECTORS, TRUSTEES, OFFICERS, PARTNERS, PRINCIPALS, EMPLOYEES, STUDENTS AND AGENTS) (COLLECTIVELY THE AUNIVERSITY RELEASEES@) FROM ANY AND ALL LIABILITY, CLAIMS AND ACTIONS THAT MAY ARISE FROM INJURY OR HARM TO MY/OUR CHILD, UP TO AND INCLUDING DEATH, AND FROM DAMAGE TO HIS/HER PROPERTY, IN CONNECTION WITH PARTICIPATION IN THE
ACTIVITY. I/WE UNDERSTAND THAT THIS RELEASE COVERS LIABILITY, CLAIMS AND ACTIONS CAUSED ENTIRELY OR IN PART BY ANY ACTS OR FAILURES TO ACT OF THE UNIVERSITY RELEASEES, INCLUDING BUT NOT LIMITED TO NEGLIGENCE, MISTAKE OR FAILURE TO SUPERVISE.

I/We recognize that this Release means I/we are giving up, among other things, rights to sue the University Releasees for injuries, damages or losses I/we may incur. I/We also understand that this Release binds my/our heirs, executors, administrators and assigns, as well as myself/ourselves.

Further, I/we agree to defend, indemnify and hold harmless the University Releasees from and against any claim, damage, liability, injury, expense or loss, including but not limited to, reasonable attorney fees, by reason of any suit, claim, demand, judgment or cause of action, initiated by my/our child, or any other person, arising out of my/our child=s participation in the Activity.

I/We assure the University that, to the best of my/our knowledge, information and belief, my/our child is physically able to participate in the Activity without any undue or unusual risk to him/her or to others.

I/We have read this entire Release, I/we fully understand it and I/we agree to be legally bound by it.

THIS IS A RELEASE OF YOUR RIGHTS.

Witness:      READ CAREFULLY BEFORE SIGNING.

____________________________   ___________________________________
Releasor’s Signature

___________________________________
Releasor’s Signature

___________________________________
Releasor’s Signature

___________________________________
Date
RELEASE

I/We hereby authorize the University of Pittsburgh, its officers, employees, agents and assigns to photograph, videotape, audiotape and/or otherwise record my/our child, ________________________________, (hereinafter collectively referred to as “Recordings”), before, during and after his/her participation in University of Pittsburgh Health Sciences Career Exploration Institute, at the University of Pittsburgh, from December 1, 2014 through April 30, 2015; to display my/our child’s likeness on and in all such Recordings and to use such Recordings, and such likeness, for the University’s purposes at any time without notice to me or my/our child, in the sole discretion of the University.

I/We understand that I/we and my/our child shall not be entitled to any remuneration of any kind for any use of my/our child’s likeness or the described Recordings.

I/We further understand and agree that the University of Pittsburgh shall have and retain all worldwide rights of ownership, distribution and use of the Recordings (in all forms, including without limitation, negatives, positives and other forms), and that any reproduction, distribution or use, at any time and in any way, commercial or otherwise, of all or any portion of the Recordings is subject to the University’s prior written consent. I/We agree that I/we will assist the University, as needed, in registering intellectual property rights in any of the Recordings upon request.

I/We have read this entire Release, fully understand it and agree to be legally bound by it.

____________________________________
Releasor’s Signature

____________________________________
Releasor’s Signature

____________________________________
Date