

2013

PROJECT: IMHOTEP FACT BOOK



MOREHOUSE
COLLEGE





Project: IMHOTEP

Overview

In 2011, the Public Health Sciences Institute at Morehouse College was funded by the Centers for Disease Control and Prevention (CDC) through a cooperative agreement to implement Project: IMHOTEP as part of the National Undergraduate Summer Public Health Program (NUSPHS) now referred to as the CDC Undergraduate Public Health Scholars (CUPS) Program. The mission of Project: IMHOTEP is to increase the knowledge and skills of underrepresented students in public health and to promote the quality and quantity of well-trained professionals in the public health workforce. Undergraduate juniors and seniors along with recent college graduates from across the United States that have been historically underrepresented in the public health sciences are recruited for the program. Students enter the program as interns and engage in an intensive, interdisciplinary ten-week summer internship that provides a public health curriculum, enrichment activities, practical training, and one-on-one mentoring.

Program Purpose

Project: IMHOTEP is an internship program at Morehouse College designed to train undergraduate minority students for entry into graduate and professional programs and subsequently, careers in the public health sciences. Project: IMHOTEP seeks not only to facilitate the development of the underrepresented public health workforce domestically, but also to develop international networks and increase the number of globally engaged public health scientists.

Relevance

Project: IMHOTEP plays a vital role in the effort to increase the quantity and quality of underrepresented populations in the public health sciences. The summer internship experience allows students to increase their potential for becoming successful public health professionals and candidates for graduate programs in public health. It also allows students to explore the numerous public health career opportunities including epidemiology, biostatistics, and occupational safety and health.





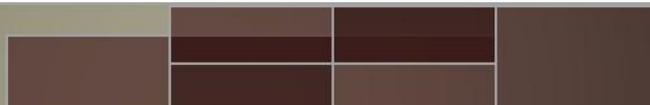
Project: IMHOTEP Summer Program

Program Details

Project: IMHOTEP is an eleven-week internship designed to increase the knowledge and skills of student trainees in biostatistics, epidemiology, and occupational safety and health. The program begins with two weeks of intense educational training. The purpose of this training is to equip interns with the academic coursework and information necessary to complete the program. During the following eight weeks, interns conduct public health research with experts at the CDC, NIMR, Academic Institutions, State Agencies, and various other public health agencies and community based organizations. During the final week, the program culminates with oral and poster presentations

Eligibility

Students must be a college junior, senior, or recent graduate (within one year) of an undergraduate institution. Students must have a minimum cumulative GPA of 2.7, strong interest in Public Health, demonstrated leadership, problem solving, and strong verbal and written communication skills. Interns must have the ability to prioritize tasks, manage insecurity and work independently.



Project: IMHOTEP Summer Program cont.

Internship Structure

Since the inception of Project: IMHOTEP, interns have been placed in various centers, institutes, and offices (CIOs) within the CDC and various domestic and international agencies, including, but not limited to the:

- National Center for Chronic Disease Prevention and Health Promotion
- National Center for HIV, STD, and TB Prevention
- National Center for Infectious Diseases
- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Georgia Department of Public Health
- Cincinnati Health Department
- Department of Community Health, Morehouse School of Medicine
- UNC School of Medicine, University of North Carolina
- UNC Gillings Global School of Public Health, University of North Carolina

The program begins with two weeks of demanding didactic public health coursework, followed by eight weeks of practical hands-on experience, culminating with an oral presentation, poster presentation, and submission of a written manuscript suitable for publication in a scientific journal.

Interns participate in a wide variety of seminars, workshops, and educational initiatives throughout the summer and are also required to complete 16 hours of community service. Interns receive research support and consultation in data analysis and other project requirements.

Interns are required to sign a legal contract, adhering to all rules, regulations, and program requirements. During the program, interns receive a financial stipend, housing (required at Morehouse and site location), and a travel allowance (allowance includes travel to and from Atlanta, site location, and home residence). Interns are responsible for all other expenses incurred during the duration (e.g., ground transportation, daily commute, books, miscellaneous expenses, food, etc.) of the program.



Meet the Scholars: Selected Profiles IMHOTEP 2013



Contessa Davis, Fisk University, Biology

Recipient of the Public Health Award

“I am most passionate about decreasing health disparities by focusing on behavioral science and health education.”

Project Title: Analysis of the Work Organization & Stress-Related Disorder Portfolio

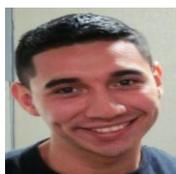


Christopher Hoffman, University of Pittsburgh, Biological Sciences

Recipient of the Instructors' Special Recognition Award

“I am most passionate about the mitigation of health disparities among LGBT populations, especially on the intersection of mental health and sexual health.”

Project Title: Social Media Access and Barriers to Access in Rural North Carolina: A Cross – Sectional Survey



Luis Maldonado, University of Southern California, Health Promotion and Disease Prevention

Recipient of the Instructors' Special Recognition Award

“I am most passionate about mixed-method cardiovascular disease (CVD) and obesity epidemiology within the context of minority health.”

Project Title: Obesity & Seat Belt Use: An Ecological Study and Implications



Sarah Rose Werth, Washington University St. Louis, Anthropology

Recipient of the Bill Jenkins Scholarship Award

“I am most passionate about women's health issues and how social systems produce disease and disparities.”

Project Title: NC Medicaid Lock-In Program Evaluation-Qualitative



Bryan Nwafor, The University North Carolina, Exercise Science

Recipient of the Marvin Mills Scholarship Award

“I am most passionate about health care policy and education attainment in relationship to health.”

Project Title: Analysis and Composition of the National Institute of Occupational Safety and Health's (NIOSH) Immune, Dermal and Infectious Disease Portfolio



Ericka Duncan, Eastern Illinois University, Health Administration

Recipient of the Thomas J Blocker Scholarship Award

“I am most passionate about reducing health disparities in underrepresented populations.”

Project Title: Analysis of the Work Organization & Stress-Related Disorder Portfolio

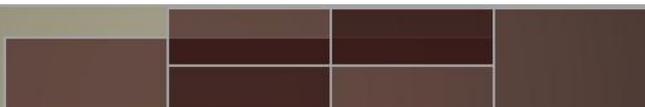


Celeste Russell, Baylor University, Community Health Education

Recipient of the Captain Derek Dunn Award

“I am most passionate about social determinants of health and how to use public health education to revitalize inner cities.”

Project Title: Examining Work-related Fatalities from Homicides and Transportation-related Incidents among Taxicab Drivers and Chauffeurs, United States, 2003-2010



Project: IMHOTEP 2013 Demographics

Table 1: Project IMHOTEP Applicant by Race/Ethnic Background, 2013

Ethnicity	Total Number of Applicants	Percentage
African American	208	70.7
Asian American	27	9.2
Hispanic/Latino	33	11.2
Pacific Islander	2	0.7
White	23	7.8
Other	1	0.3

Figure 1: Gender of Project IMHOTEP 2013 applicants

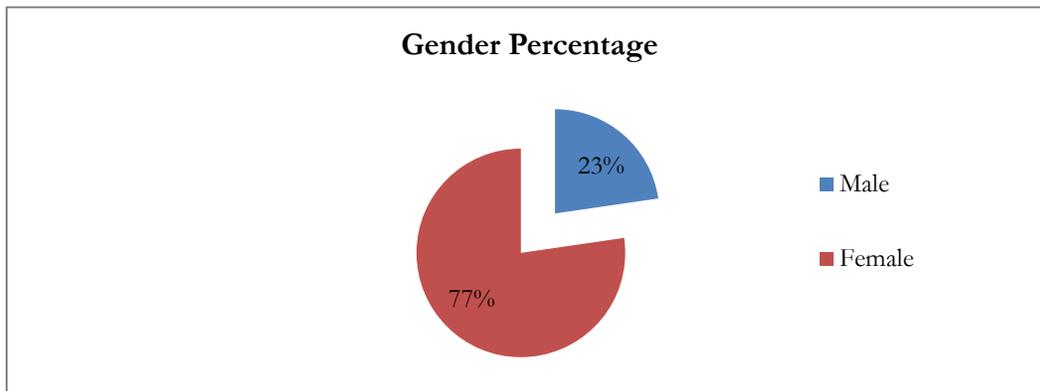


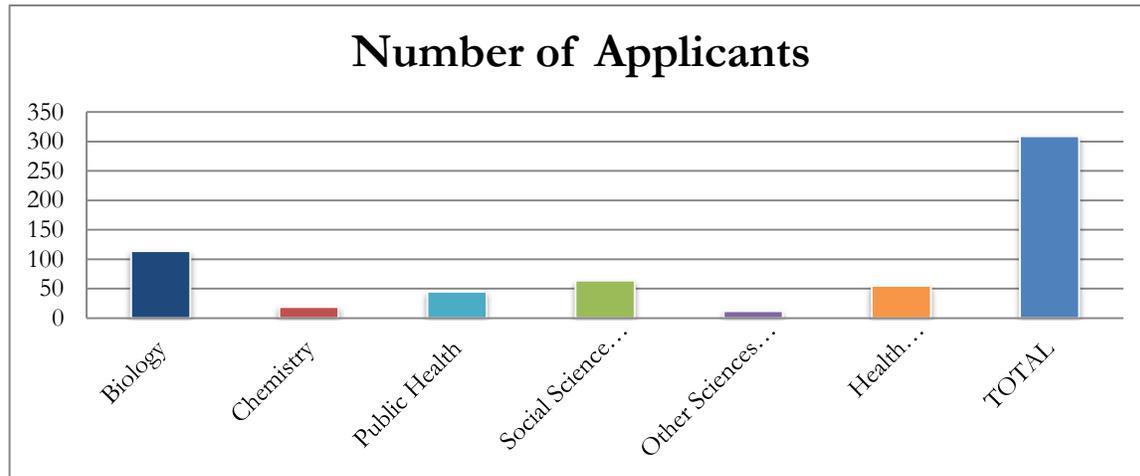
Table 2: Project IMHOTEP 2013 Applicants by Type of Institution

Type of Institution	Frequency	Percentage
Majority Institutions	251	81
HBCU	58	19
Total	309	100

Two types of institutions were represented in Project IMHOTEP Applicant Pool: (1) Majority Serving Institutions (MSI); and (2) Historically Blacks Colleges and Universities (HBCU). See Table 2: Applicants by Type of Institution.

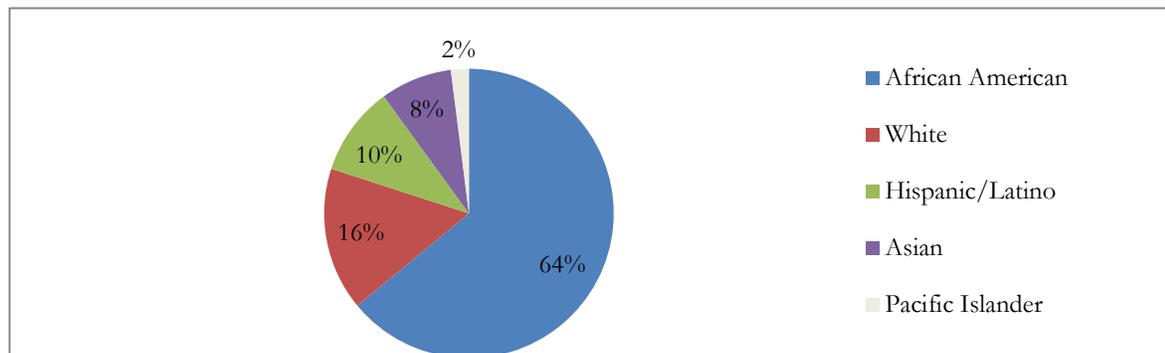


Figure 3: Project IMHOTEP Applicants by Academic Majors, 2013

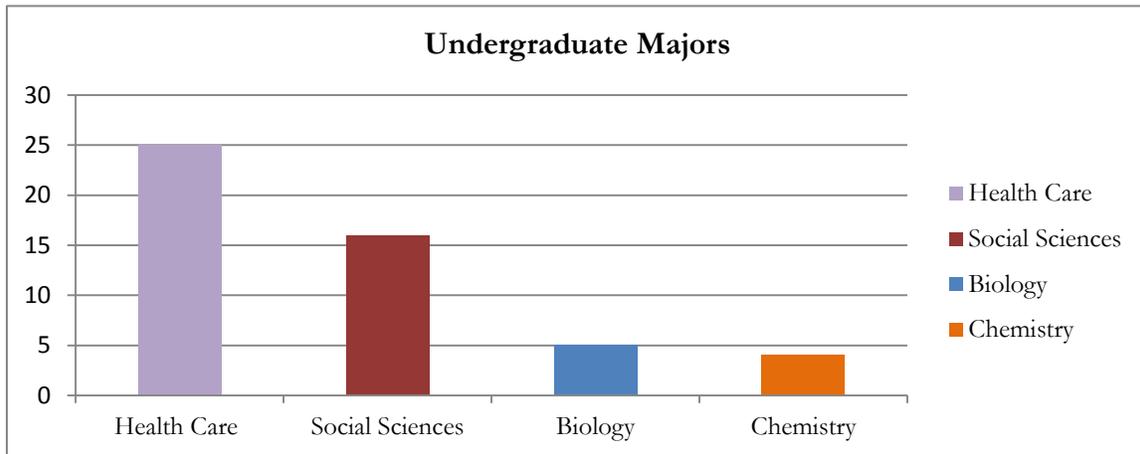


Six majors are represented among the applicant pool: biology, chemistry, public health, social science (psychology, sociology or other sciences), health professions (nursing, medical laboratory technology, health administration) and other. See Table 3 for Project IMHOTEP Applicants by Academic Majors.

Figure 4: Ethnicity of Project IMHOTEP Interns, 2013



The final applicants selected by Ethnicity are shown in Figure 4 Ethnicity of Project IMHOTEP Interns, 2013. The Race/Ethnicity distribution of accepted interns in 2013 is as follows: African American accounts for 64% (n=32), Whites 16% (n=8), Hispanic/Latino 10% (n=5), Asian American 8% (n=4) and Pacific Islander 2% (n=1). Caucasian students' representation increased to 16% in the 2013 Project IMHOTEP summer internship program.

Figure: 5 Project IMHOTEP Interns 2013, Undergraduate Majors

The undergraduate majors of the selected interns is represented as follows: 50% (n=25) interns have an undergraduate major in the Health Professions such as Nursing, Medical Lab, Public Health and Health Administration; 32% (n=16) have majors in the Social Sciences (Psychology, Sociology and others); 10% (n=5) have majors in Biology and 8% (n=4) are Chemistry majors.

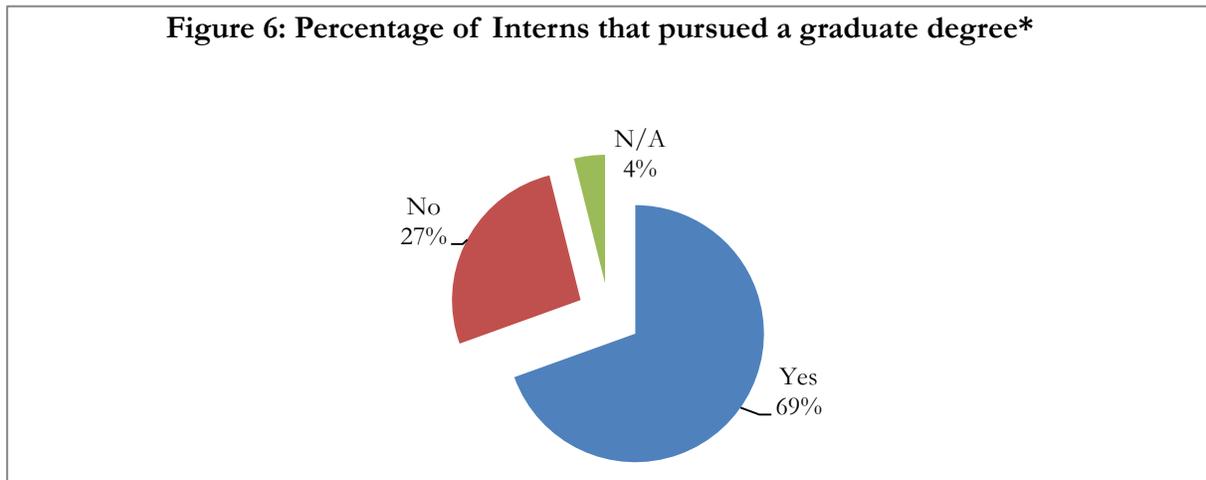
Table 3: Current Classification of Project IMHOTEP Interns, 2013

Current Classification	Total	Percentage
Senior	31	62
Junior	16	32
Recent Graduate	3	6
TOTAL	50	100

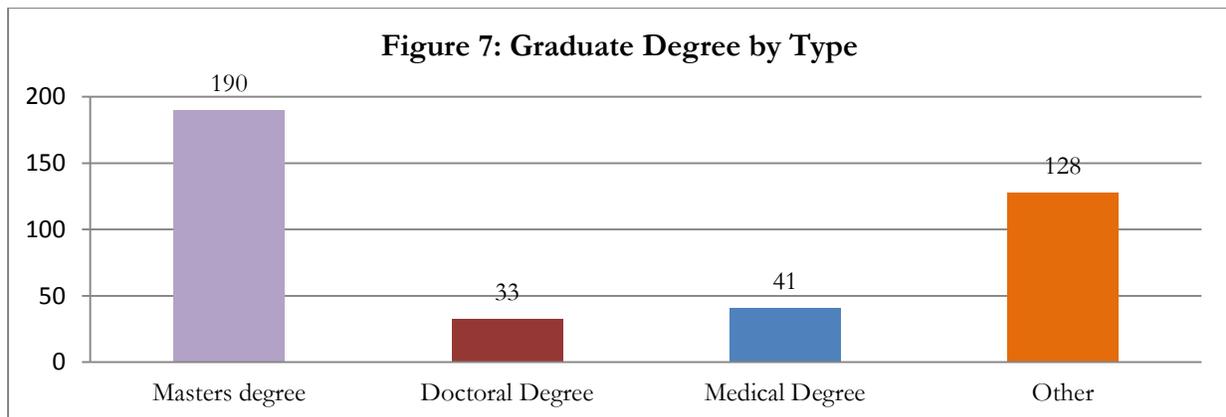
The majority of accepted interns are classified as seniors 62% (n=31), juniors 32% (n=16) and recent graduates 6% (n=3).

Project IMHOTEP Alumni Snapshot

Project IMHOTEP alumni survey is conducted regularly to update the tracking data base. The last survey was created using Qualtrics and sent out on June 11, 2013.



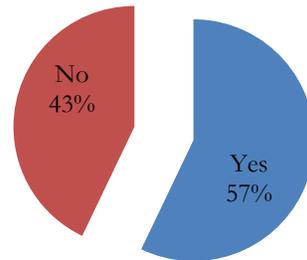
*Out of those who began a graduate degree, 61.8% have completed their study and 7.7% of them are in progress.



Project IMHOTEP alumni pursued master's degree, doctoral degree, medical degree and others.

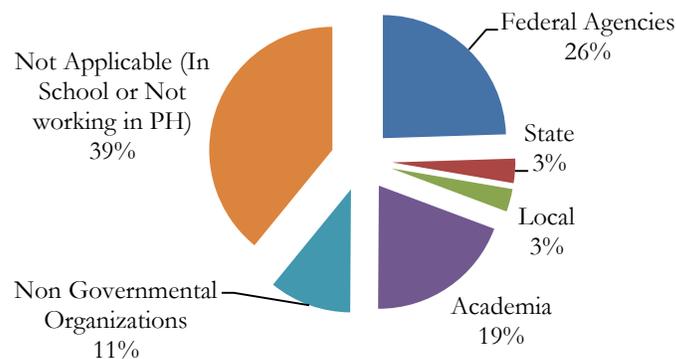
Alumni Summary Report cont.

Figure 8: Is your Current position in Public Health?



Majority of the alumni 57.1% indicated their current position is in public health.

Figure 8: Project IMHOTEP Alumni Employment Status



Project IMHOTEP alumni work in different sectors of federal, state, local, academia, nonprofit, for profit and other organizations. In response to the most recent survey of those who work in public health field, 25% of them indicated they work in federal agencies, 3% state, 3% local, 19% academia, and 11% in Non-Governmental Organizations (NGO).

HOST Institution

Morehouse College
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Willis B. Sheftall, PhD, Provost, Senior Vice President
J. K. Haynes, PhD, Dean, Division of Science and Mathematics

Public Health Sciences Institute

Jamie Baird, Program Manager BRIC
April Brown, Graduate Research Associate
Ben Davids, Research Associate
Albert Jenkins, Program Assistant
Sarah Johnson, Graduate Research Associate
Kevin McQuay, Student Assistant
Jamel Slaughter, MSW, Program Manager
Evelyn Sermons, Administrative Assistant
Jigsa Tola, MPH, Health Informatics Specialist/Data Center Manager
Cynthia Trawick, MA, EdD, Director

Project: IMHOTEP Faculty-Staff

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Constance Franklin, MPA
Zanetta Gant, PhD
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Triscia Hendrickson, PhD
DeMarc Hickson, PhD
Bill Jenkins, MPH, PhD
Stephanie Miles-Richardson, DVM, PhD
Rashid Njai, PhD
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Benita Harris, MPH, Public Health Analyst

Last and certainly not least, THANK YOU to ALL the Mentors!



Project: Imhotep Public Health Fellowship 2013

