Class Notes

NEW COURSE: 380.670
RELIGION, SPIRITUALITY, AND PUBLIC HEALTH

WHY?
Two simple facts:
1. Spiritual beliefs and practices affect health outcomes.
2. 84% of the world is religious.

WHEN?
Term 3
January 23 to March 17, 2017
TTh
10:30-11:50 am

WHERE?
Bloomberg School Of Public Health
Dept. of Population, Family & Reproductive Health, Room W4010

WHO?
Timothy Nelson
Prof. of Sociology and Public Health
Tim_Nelson@jhu.edu

HOW?
Sign up for 380.670
A New Upper Level Public Health Elective Has Been Added For The Spring Semester

If you are still looking for an elective to fill your schedule this spring, you may be interested in the new Public Health course, AS.280.347 – Health Data Analysis Practicum.

Students will learn to formulate precise scientific and policy questions, design exploratory and confirmatory statistical analyses to address the questions, conduct appropriate analyses using the statistical package R, and communicate their findings through graphical and tabular displays that are presented in writing and in person. The course will be run seminar style in which students conduct data analysis to present to one another in one meeting per week. Evaluation will be through class participation and a final project in which students will analyze their own data set to address a question of their choice. Students need to have taken an introductory statistics course at the level of AS.280.345 (Public Health Biostatistics) and must have some experience using the statistical software R to perform basic analyses.

Applied Experience – What is it? How do I get started? Who do I work with on it?

Do you have questions about the Applied Experience (AE) requirement for the PHS Major? AE Orientations begin during Intersession, and will answer these questions and more!

If you are:
- just starting to think about the AE,
- have a project you want to work on,
- or are anywhere in between, join the AE Instructor, Lisa Folda, Assistant Director of the PHS Program, and PHS seniors for an AE Orientation.

Orientations will be held on the 3rd floor of the PHS Office, 3505 N. Charles Street, on the following dates:
- Thursday, January 26th from 10am to 11:30am
- Friday January 27th from 1pm to 2:30pm

Check back here next week for more detail! And feel free to email Ms. Folda with specific questions you would like to see addressed: lfolda@jhu.edu

Welcome back to campus, and Happy 2017!
Attention Seniors! Upcoming Calendar Discrepancy

As you begin to make plans for intersession, those of you taking courses at the School of Public Health will want to keep a few things in mind:

Please remember that 3rd term at JHSPH begins a week earlier in January than the spring semester at Homewood. January 30th is the first day of classes here, while January 23rd is the first day of 3rd term classes. If you are registered for a course during 3rd term, you will be expected to be there the week of January 23rd.

As always, let us know if you have any questions.

Upcoming Events

The 2017 JHU Business Plan Competition is now accepting entries! You can enter the competition by visiting bpc.jhu.edu and clicking "Enter Competition Now."
All teams must have at least one registered Johns Hopkins undergraduate, graduate or post-doctoral student to participate.

The first round of the competition will require teams to create a 2-3 page executive summary and a 90-second video pitch. Entries are due by 11:59 p.m. EST Sunday, Feb. 5, 2017. Judging of these entries will occur between Feb. 7 and 14, 2017.

Teams reaching the second round must submit a full business plan by 11:59 p.m. EST, Sunday, March 5, 2017. Judging to this round will occur between March 7 and 14, 2017. Finalists will be announced March 15, 2017.

The first day of the competition, Thursday, April 6, will be held at the East Baltimore campus and will feature presentations by teams in the Medical Technology/Life Sciences and Mobile Apps tracks. The following day, Friday, April 7, the competition will move to the Homewood campus and will feature the final presentations for the General Business and Social Enterprise tracks.

If you have questions or comments, please feel free to contact Megan Ewing at megan.ewing@jhu.edu or Bob Graham at bgraham@jhu.edu.

First Annual Pre-Health Convention
March 30 – April 2, 2017
Norfolk Waterside Marriott in Norfolk, VA

This four-day conference is aimed at empowering all students interested in pursuing a career in healthcare by bridging their access to our distinguished selection of keynote speakers, admissions panels, and workshops within a variety of health professions. This unparalleled networking experience gives students an opportunity to explore a number of health professions and meet with a vast number of Deans, Vice-Presidents, Directors, and Advisors from the country’s premier healthcare schools, as well as interact with a number of exceptional leading experts and trailblazers in healthcare.

SOPHAS Virtual Fair

Register Now to attend the FREE SOPHAS Virtual Fair on January 19, 2017

Meet Public Health Representatives from SOPHAS Schools & Programs Live Online!
Applied Experience

Research Opportunity - Department of Environmental Health and Engineering, JHSPH

Each year thousands of Baltimore communities' pets end up at county/city open admission shelters. The vast majority of these pets are either abandoned or given up by low-income or middle-income families because they cannot afford to care for them or are losing their family home, apartment, or job and must move to a place that does not allow, or charges a security deposit for, having a pet. Many of the people giving up their pet(s), do not have knowledge of or know how to access resources to help them protect their assets and/or provide a "bridge" until they can get on "stable footing" again.
We propose a study that would examine whether it is possible to use this visit to the county/city shelter as an intervention point for people who are (1) close to losing their homes; or (2) having trouble with their landlords. Such an intervention would allow us to identify families at risk and intervene BEFORE they were evicted, or before landlord/tenant problems became severe. It would also reduce the number of animals "turned in" to the shelters.

See more information here.

Public Health Studies Partnership Opportunity

Join an engaged, motivated and fun research team studying the effects of media and pop culture on health. Study advertising tactics used by tobacco companies to market their products in the form of a content analysis of tobacco ads and examine the effects of tobacco marketing on product perceptions. Ultimately this work will inform tobacco control policy in the US that is developing as a result of the Family Smoking Prevention and Tobacco Control Act, which gave FDA authority to regulate tobacco products.

See details and information on how to apply here.

Internships Available at Maryland PIRG

Maryland PIRG is an independent non-profit organization committed to the health and well-being of Marylanders. Their public health campaigns include stopping the overuse of antibiotics; protecting children from toxic chemical exposure; and advocating for stronger health protections at state and federal levels.

Maryland PIRG is looking for several interns to join their team during the fall and spring semesters. See the position description here. Click here for more information.

Browse through the Opportunities page on the PHS website to find more details.

Internships & Service

Dr. James A. Ferguson Emerging Infectious Diseases Fellowship Program (Ferguson Fellows)

Application Deadline: Tuesday, January 31, 2017

Program Dates: May 29- July 28, 2017

Brief Description: The Dr. James A. Ferguson Emerging Infectious Diseases Fellowship is a 9-week summer program for students currently enrolled full-time in a medical, dental, pharmacy, veterinary, or public health graduate program who are interested in participating in infectious diseases and health disparities research. Accepted scholars must have at least a 3.0 GPA on a 4.0 scale and be a U.S. Citizen, U.S. National, or permanent resident. Ferguson Fellows are encouraged
A $4,000 stipend is provided to all program participants. Housing and round-trip travel is available for out-of-state participants.

URL: [www.kennedykrieger.org/ferguson-fellowship](http://www.kennedykrieger.org/ferguson-fellowship)
Email: [Ferguson_Fellowship@kennedykrieger.org](mailto:Ferguson_Fellowship@kennedykrieger.org)
Phone: (443) 923-5901
Maternal Child Health Careers/Research Initiatives for Student Enhancement-Undergraduate Program (MCHC/RISE-UP)

Application Deadline: Tuesday, January 31, 2017

Program Dates: May 29- August 4, 2017

Brief Description: MCHC/RISE-UP is a 10-week summer public health leadership program designed for undergraduates in their junior and senior year with a GPA 2.7 or better on a 4.0 scale and recent baccalaureate degree students (within 12 months of the MCHC/RISE-UP orientation). Accepted scholars must be a U.S. Citizen, U.S. National, or permanent resident.

MCHC/RISE-UP is a national consortium of institutions including the Kennedy Krieger Institute (KKI), Maryland Center for Developmental Disabilities, Johns Hopkins University School of Medicine, Nursing, and Public Health, University of Southern California, California State University-LA, and University of South Dakota Sanford School of Medicine Center for Disabilities. Three tracks are offered: (1) clinical (KKI only), (2) research and (3) community engagement and advocacy.

A $3,500 stipend is provided to all program participants. Housing and round-trip travel is available for out-of-state participants.

URL: www.kennedykrieger.org/RISE-UP
Email: MCHC-RISE-UP@kennedykrieger.org
Phone: (443) 923-5901

Public Health Leadership & Learning Undergraduate Student Success (PLLUSS) Program

Application Deadline: Tuesday, January 31, 2017

Program Dates: May 29- August 4, 2017

Brief Description: The PLLUSS Program is a 10-week summer public health leadership and research program. The PLLUSS Program is for undergraduate sophomore and junior students minoring or majoring in public health with at least 3.0 GPA on a 4-point scale. Accepted scholars must be a U.S. Citizen, U.S. National, or permanent resident. Students must complete sufficient course credit hours during the program for a minor in public health. The PLLUSS program is conducted at three collaborative research sites: (1) Kennedy Krieger Institute (KKI) and Johns Hopkins Medical Institutions, (2) University of Cincinnati and the National Institute for Occupational Safety and Health (UC-NIOSH), and (3) California State University -Los Angeles. PLLUSS Program students will participate in public health research, education, on health disparities and urban health issues, professional development, and community health promotion activities. Students will be encouraged to produce peer-reviewed publications and attend a national public health meeting. Students will receive mentorship with the goal of successful acceptance and completion of graduate or professional school in the public health area.

A $3,500 stipend is provided to all program participants. Housing and round-trip travel is available for out-of-state participants.
Johns Hopkins Hospital Administrative Internship

The Johns Hopkins Hospital Administrative Internship is a yearlong, paid full-time position aimed at highly motivated individuals who are interested in pursuing a career in medicine and are currently looking for gap-year opportunities. The internship is designed to provide aspiring physician leaders with a comprehensive learning experience at a premier academic health system. Program participants will be exposed to hospital operations and leadership through project-based work. Project opportunities will vary and reflect both the participant’s learning goals and the needs of the hospital. In addition to project work, candidates will have the opportunity to attend senior leadership meetings and gain exposure to various health system functions. Prior to beginning, the selected intern will finalize goals, expectations, and evaluation criteria with Executive Leadership and the Internship Program Manager. For more information on the internship or to apply, please see the linked document.

Applications are considered on a rolling basis from January 15th, 2017. Preference will be placed on early applications.

The Summer Serve and Learn Volunteer program offers a once-in-a-lifetime experience in international development work in Africa. Our work is grounded in the communities we serve, and by volunteering you will gain profound insight into life in rural Ghana.

Summer Serve and Learn 2016:
Community Health Evaluation
Session 1: June 8th – June 24th
Session 2: June 26th –July 17th
Girls’ Empowerment
Session 2: July 19th –August 4th

For more information, see the brochure here.

2017 Department of Defense Summer Research Internship Opportunities

ORAU (Oak Ridge Associated Universities) administers Science, Technology, Engineering and Mathematics (STEM) research participation programs for civilians such as the Department of Energy’s Oak Ridge Institute for Science and Education (ORISE) Program that allow senior scientists, faculty; high school, bachelor's, masters' and doctoral students, and recent graduates to enhance their science education experience in projects and activities at our Department of Defense
(DOD) and other Government and Private Industry customers’ laboratories and research facilities worldwide. Last year, ORAU placed over 9,400 participants in educational research roles across the country.

The following Summer Research programs are with the U.S. Air Force Research Lab, Army Research Lab and the Army Institute for Surgical Research. All opportunities can be located at [this link](#). A single application can be utilized to apply to all of these programs and other DoD research opportunities.

**U.S. Air Force Research Lab** - 2017 Repperger Internship Program
(39 opportunities for BS students - PhD candidates) - U.S. Citizenship Required
[Information Webpage](#)

**U.S. Army Research Lab** - Summer Journeyman Fellowship Program
(50+ opportunities for BS graduates - PhD candidates) - Non U.S. Citizens may apply
[Information Webpage](#)

**U.S. Army Institute for Surgical Research** - Summer Internship Program
(12 opportunities for BS students) - U.S. Citizenship Required
[Information Webpage](#)

Research areas include, but not limited the following:


**Pediatric Oncology Education (POE) Program**

The program offers a unique opportunity for pre-doctoral students preparing for careers in the biomedical sciences, medicine, and pharmacy to gain biomedical and oncology research experience. Students participate in basic or clinical oncology research, research and clinical conferences, and a core lecture series designed specifically for them. All participants make a PowerPoint presentation on their research project and submit a report on their research project written in the style of a journal in which their faculty mentor publishes.

The [POE home page](#) contains more information on the program as well as links to the program application. The deadline for receipt of all 2017 application materials is **February 1, 2017**. Early application is highly recommended, since completed applications are reviewed on a rolling basis. Members of under-represented ethnic minority groups and women are particularly encouraged to apply, since one of our major long-term program goals is to increase the diversity of persons engaged in oncology research and practice.
The Meridian Summer Internship program offers a great way to explore career choices and gain real-world business experience. Meridian offers paid internships that allow you to gain an understanding of corporations and the healthcare industry while developing meaningful relationships. Internships are offered in areas like healthcare coordination, finance, communications, and more.

More information available [here](http://www.mhplan.com) to apply.

**Amgen Scholars Program**

Now entering its eleventh year, the Amgen-UROP Scholars Program invites undergraduates to participate in faculty-mentored summer research in MIT laboratories. This intensive nine-week program focuses on cultivating and supporting partnerships between MIT faculty and undergraduates in the areas of science and biotechnology. Students indicating a strong desire to engage in research collaborations within these areas will be selected from colleges and universities from around the U.S., as well as the MIT undergraduate population.

More information [here](http://www.mhplan.com).

**Research in Maternal & Child Health**

The Child & Adolescent Health Measurement Initiative (CAHMI) at Johns Hopkins School of Public Health is looking for a motivated, self-directed intern. The **Spring Undergraduate Maternal and Child Health Measurement Research Network Internship** position will primarily work on our Maternal and Child Health Measurement Research Network (MCH-MRN) project, with a focus on website upkeep, outreach and dissemination, and creation of documents for topical Technical Working Groups (TWGs).

More information and application requirements [here](http://www.mhplan.com).

**Health Roundtable at 69th Japan-America Student Conference**

What exactly does it mean to be healthy? The WHO defines health as “a state of complete physical, mental and social well-being and not merely the absence of disease or infirmity.” In this light, what does it mean to have the right to a healthy life?

In the United States, sharp political divides hinder consensus over the provision of healthcare and food education. Meanwhile in Japan, the demands of an aging population have added pressures on the healthcare system as well as the economy. This roundtable aims to reexamine the roles of various actors in maintaining a healthy society and determine the responsibility individuals hold in preserving health across the world.

Application and more information about JASC and related programs [here](http://www.mhplan.com).
Sustainable Leadership Opportunities in Spring 2017

Interested in sustainable social impact? Making sustainable change goes beyond the physical environment; we’ll focus on social issues in order to understand and act on true sustainability, which puts people at the center of the conversation. The Office of Sustainability is recruiting students for two exciting leadership opportunities this semester, one for the 4th year and one for the first time and invites you to apply:

1. **Green Lead**, a semester-long leadership development program for first-year students. Weekly seminars, field trips, panels, social outings, and more will give students the tools and connections to make lasting sustainable change on and off campus. Taught by Office of Sustainability staff.
   a. For first-year students only.
   b. Sessions will take place 5:30-6:30pm every Wednesday, starting February 8 and running through April 26th (excluding the week of spring break).
   c. [Learn more](#) and [apply](#) by January 25.

2. **Eco-Smart Leadership Retreat**, a weekend away at a sustainable retreat center, ThorpeWood, in the Catoctin Mountains to connect, explore, and discuss sustainability in your life, re-energizing your pursuits. Facilitated by Paul Kazyak, a JHU faculty member.
   a. Open to all undergraduates.
   b. Retreat will run the evening of Friday March 3-afternoon of Sunday March 5.
   c. Transportation will be facilitated by the Office of Sustainability, but ideally students will be able to carpool with each other. The only cost to students will be that of shared groceries for the weekend, estimated to be $15.
   d. [Learn more](#) and [sign up](#) by February 10.

Any questions about either of these opportunities, please reach out to sustainability@jhu.edu.

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**The Future Public Health Leaders Program (FPHLP)** is a 10-week residential summer program at the University of Michigan School of Public Health (UM-SPH) that encourages underrepresented college students to consider careers in public health. The FPHLP begins in **May 22, 2017** and runs through **July 28, 2017**. The program includes:

- 3-day orientation at the CDC
- Round-trip transportation
- $3,000 Stipend
- On-campus Housing
- Orientation to the UM-SPH
- Field experience & hands on learning
- Mentoring about public health & graduate school application process
Applications are due online by 12 am (EST) on 1/31/17. Please click here to view our postcard and click here to view our fact sheet. See the 2016 Cohort Video

Apply Today!

The Center for Global Health is now accepting student applications for the Global Health Established Field Placements (GHEFP) 2017 cycle! JHU faculty engaged in international research or practice have submitted 85 placement sites across the globe. All eligible students* can apply for a $3,500 grant to defray costs associated with travel and other placement-related expenditures. Students have one calendar year in which to spend the funds.

Applications are due by 11:59pm on Tuesday, February 07, 2017. More information about the placement application and matching process, faculty sites, FAQs, and application forms are available on our website: http://hopkinsglobalhealth.org/funding-opportunities/student-and-trainee-grants/ghefp/how-to-apply.

Contact Nina Martin (nina.martin@jhu.edu or 410-502-9871) with any questions.

FOREIGN LANGUAGE & AREA STUDIES FELLOWSHIPS

The International Studies Program is currently accepting applications for AY 2017-18 and Summer 2017 Foreign Language & Area Studies Fellowships. Please help us spread the word by forwarding this email to your students. Both grad and UG students who are US citizens or resident nationals are eligible.

Foreign Language & Area Studies (FLAS) Fellowships assist students in acquiring competence in foreign languages as well as a fuller understanding of the regions and countries in which those languages are commonly used. The International Studies Program is approved by the U.S. Department of Education to award FLAS fellowships to eligible Hopkins graduate and undergraduate students studying the following languages: Arabic, Hebrew, Hindi, Italian, Japanese, Korean, Portuguese, Mandarin Chinese, Russian, and Yiddish. Fellowships may also be
awarded to students studying other languages on a case-by-case basis. For more information, visit
http://krieger.jhu.edu/internationalstudies/funding/foreign-language-and-area-studies-
fellowships/.

Graduate and undergraduate students who meet the eligibility requirements for FLAS are
encouraged to apply using this link to the online application form:
http://goo.gl/forms/qZcxwTzOUA.

The deadline to apply is February 5, 2017.

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**Biomedical Research Training Program for Individuals from Underrepresented Groups (BRTPUG)**

The National Heart, Lung, and Blood Institute (NHLBI) has established a Biomedical Research
Training Program for Individuals from Underrepresented Groups (BRTPUG) that offers
opportunities for underrepresented post baccalaureate individuals to receive training in basic,
translational, and clinical research. Individuals must have a specific intention to further pursue an
advanced degree after training.

**Applications Due January 19, 2017:** For Post-Baccalaureate individuals, 1 to 2 year research
internships begin in June-September of the calendar year. A complete application package,
including three letters of reference (at least one must be from a research mentor), must be submitted
by **January 19, 2017**.

On-line BRTPUG Application and complete Program Announcement: See

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**PUBLIC SERVICE SCHOLARS**

*Launching Maryland’s Next Generation of Change Agents*

**2017 Public Service Scholars Summer Fellowships**

All applications are due on March 15th.

Priority Deadline is March 1st.

Public Service Scholars programs provide **paid fellowships** for Maryland's "best and brightest"
college students. Fellows are placed in full-time summer internships in **government agencies** or
**nonprofit organizations** across the state, and are mentored by senior-level professionals. Fellows
attend seminars, trips, and events with their cohort, have the opportunity to learn from and network
with state leaders and program alumni, and work on substantive projects culminating in
presentations to Maryland's leaders.

Eligible students ...

...are attending a Maryland institution (public or private)

OR

...are a Maryland resident attending school out of state

...will be a Junior of Senior in Fall 2017 or graduate student (eligible only for the Nonprofit
Leadership Program
...are in any major
...have a GPA of 2.7 or above
...will be available during summer 2017 program dates
...have an interest in public service

For more information visit publicservicescholars.umbc.edu.

Internship Opportunities at Greentech’s U.S. Biologics Technical Development

Genentech's U.S. Biologics Technical Development (USBTD) develops, delivers and supports robust, cost-effective production methods and technologies. The group has long been recognized as a world leader in developing large-scale manufacturing processes, sophisticated analytical methods and effective drug delivery systems. To learn more about our research and development processes, check out our Making Medicine site. We have numerous opportunities for current students and recent graduates in engineering and science programs alike to help deliver the future of medicine to patients.

For current undergraduate and graduate students:
Genentech’s internship programs offer undergraduate and graduate students the chance to work at one of the leading companies in biotechnology. See flyer attached for more info. For consideration for a summer internship (3 months) or a spring/fall internship (6 months) opportunity, apply to JobID 00448594 (Spring Intern), 00448599 (Summer Intern) or 00448587 (Fall Intern) on gene.com/careers and submit your resume to Handshake (tracking code: 478561 for Summer 3-month internships, 478560 for Spring/Fall 6-month internships).

For undergraduate and masters level students in the Class of 2017 and recent graduates:
Genentech offers a variety of rotational programs geared towards giving recent graduates in-depth training and skill development. Students looking to gain experience in USBTD should apply to the Process Development Rotational Program (PDRP). If technical operations leadership opportunities better suit your career interests, apply to Genentech’s Operations Rotational Development Program (ORDP). See flyers attached for more info on these programs. Applications for these programs are currently open and are accepted on a rolling basis so apply now to JobID 00448264 for PDRP or 00448553 for ORDP on gene.com/careers and submit your resume to Handshake (tracking code: 478737 for PDRP, 478742 for ORDP).

For more information, please email yang.jessica_p@gene.com ortschudi.katherine@gene.com.

Intern and Fellowship Programs

The Office of Minority Health and Health Equity (OMHHE) supports internship opportunities for qualified undergraduate and graduate students to gain meaningful experiences in public health settings. Whether you are looking for a summer internship or a year-long fellowship, the following programs provide valuable exposure to a wide range of public health opportunities.

More information here
Public Health Associate Program

The Public Health Associate Program (PHAP) is a competitive, two-year, paid training program with the Centers for Disease Control and Prevention. PHAP associates are assigned to public health agencies and nongovernmental organizations and work alongside other professionals across a variety of public health settings.

Throughout the two-year training program, associates gain hands-on experience that will serve as a foundation for their public health careers. After completing the program, PHAP graduates are qualified to apply for jobs with public health agencies and organizations.

More information here

Seeking research funding or National Scholarships?
Have you viewed the following options?

The Krieger School of Arts and Sciences offers an incredible array of opportunities for student researchers in the areas of natural science, social science, and humanities. In addition to the three main undergraduate research awards—Woodrow Wilson, DURA, and PURA—explore the additional links posted on the KSAS Research Site.

For a complete list of fellowships, grants, honors, and awards available to Krieger School undergraduates, visit the undergraduate academic advising site.

Students are also invited to look beyond the School of Arts and Sciences for research funding. Johns Hopkins is committed to providing support for students interested in applying for nationally competitive fellowships.

Learn more about the JHU National Fellowships and Scholarships Program.

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Employment

Research Assistant Opportunity

Position: Research assistant for organic diet biomonitoring study

Description: We are seeking an undergraduate or graduate student to assist with the logistics and implementation of a biomonitoring study. Modeled after Lu et al, 2006 and Bradman et al. 2015, the study will assess the effect of an organic dietary intervention on pesticide exposure in four families across the United States. The research locations are: Baltimore, Minneapolis, San Francisco and Atlanta. This study is part of an organic advocacy project led by the environmental organization, Friends of the Earth.

Candidates should have strong organizational and interpersonal skills. Primary responsibility will be managing the on-the-ground logistics of implementation before and during the study. Candidates must have access to a vehicle and have a valid driver’s license.
Timeline: The majority of the work will take place during a two-week period in late January or early February 2017 (exact dates to be determined). During this time, the research assistant would need to be available for 1 to 3 hours of work per day.

Compensation: $15/hour; project expected to require 40 - 60 hours

Contact:
Please send brief cover letter, resume and contact information for 3 references to:
Kendra Klein, PhD, Staff Scientist, Friends of the Earth
kklein@foe.org
415-350-5957

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Position Available - Senior Consultant - Retail Strategic Product Development

As a Senior Consultant within Strategic Product Development Group in the Retail Pharmacy Department your role is a vital contributor in the development of company-wide strategic service offerings and new business opportunities. As part of this team you will help manage new delivery initiatives that have a profound impact on the future direction of the company overall.

Specifically, your role as a Senior Consultant will be engaged across all phases of new product/service development, with particular emphasis on solution ideation, design, testing, and reporting. You will be involved in the planning, design and execution of pilot programs.

For more information and to apply, click here.

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Bike Helmet Education Project for Urban Youth

Bicycle helmets are known to reduce head and brain injuries significantly but not all cyclists wear them. Helmet use seems to be especially low among urban youth in Baltimore City, despite a state law and a city ordinance requiring helmets for everyone under the age of 16. Access and affordability of helmets and lack of culturally sensitive and relevant promotional materials may contribute to low use.

The overall goal of our project is to create and pilot test a culturally relevant video that demonstrates proper bicycle helmet fitting and promotes bicycle helmet use for children and adolescents in Baltimore City that can be implemented in the primary care setting. We hypothesize that this video will improve knowledge of bicycle helmet safety and use of helmets in at-risk urban families and patients.

Depending upon the student’s interest and time, this practicum and/or capstone could involve: assisting in the organization and conduct of focus groups with youth to guide the video, contributing to the creative development of an educational video, or evaluating the video and helmet distribution among urban youth.
Interested students should send a CV/resume along with a paragraph describing why they are interested in this opportunity to the faculty contact: Eileen McDonald (emcdona1@jhu.edu) and Dr. Leticia Ryan (lryan17@jhmi.edu)

Child Passenger Safety Policies in Maryland Hospitals

Motor vehicle crashes are a leading cause of death and disability among children in the United States. Child passenger restraints (car seats, booster seats, etc) reduce both injuries and fatalities from car crashes but not all children are protected when traveling by car. Hospitals are a promising venue for promoting child passenger safety and medical professional societies recommend use of proper child passenger restraints. This practicum and/or capstone opportunity will include working with Center faculty (Frattaroli and McDonald) to better understand current policies and practices of Maryland hospitals related to child passenger safety. Activities include survey development, interviewing activities, documentation review, policy analysis, and data analysis and interpretation, among others.

Among the questions to be addressed are: what are the existing hospital policies related to child passenger restraints for discharging patients who will be transported by private vehicle to their homes? How and when were those policies adopted and how are they implemented? How are the services funded? What are the barriers and facilitators to implementation? How are these services communicated to patients and promoted to the community?

Interested students should send a CV/resume along with a paragraph describing why they are interested in this opportunity to the faculty contact: Dr. Shannon Frattaroli (sfratta1@jhu.edu) and Eileen McDonald (emcdona1@jhu.edu)

Research Assistant Positions Available with The Institute for Global Tobacco Control

The Institute for Global Tobacco Control has two job openings for Research Assistants, who will contribute to the Tobacco Pack Surveillance System Project.

These are both fulltime, paid positions, best suited to someone who has recently finished undergrad.

See the job descriptions and apply [here](#) and [here](#).

FDA Center for Biologics Evaluation and Research (CBER) Seeking Post-Baccalaureate Fellows

We are looking to fill 3 or 4 one-year post-bac positions in our bacterial genetics lab (under principal investigator Scott Stibitz) at CBER/FDA starting this summer. We are looking for recent grads with some experience with bacteriology and molecular biology. Post-bacs will be working on different projects (Staphylococcus aureus pathogenesis and genetics, Salmonella acid resistance, Shigella vaccine development, Bordetella genetics, and probiotic assay development), but all projects would involve a good deal of cloning and some protein expression. Our lab is within a research branch of the Center for Biologics Evaluation and Research (CBER), located in a new facility on the Food and Drug Administration headquarters main campus at White Oak/Silver Spring, Maryland.
Interested candidates should email their resumes to Roger Plaut at Roger.Plaut@fda.hhs.gov.

Lab Technician Position

Dr. Anne Le's research primarily focuses on cancer metabolism. Using metabolomics technologies, her work has led to breakthrough discoveries revealing several characteristic features of the metabolism of cancer. One of these, the dependence of cancer cells on glutamine metabolism, has translated into clinical trials as a novel therapy for cancer patients. Furthermore, her lab tracked the metabolic pathways in the remaining tumor cells after this novel therapy and identified the best-suited drugs for combined synergistic therapy. The depth of Dr. Le's expertise in cancer metabolism, in collaboration with other experts at Johns Hopkins, will lead to improved outcomes for cancer therapy.

Job Posting: https://app.joinhandshake.com/jobs/538579
Lab website: http://pathology.jhu.edu/lelab/index.cfm

Thinking about joining the Peace Corps? Check out these other opportunities to gain community development experience!

- **AmeriCorps** – program participants work with nonprofits, schools, public agencies, and community and faith-based groups across the United States.
- **FEMA Corps** – members travel throughout one of five regions in the United States completing service projects relating to disaster preparedness, mitigation, response, and recovery activities.
- **Idealist.org** – database of volunteer opportunities worldwide. The website also maintains job and internship boards.

Degree Programs

**UCLA Fielding School of Public Health**

At the UCLA Fielding School of Public Health, students “receive state-of-the-art public health training from distinguished experts along with practical, hands-on experience.” UCLA FSPH offers the following MPHs: Biostatistics, Community Health Sciences, Environmental Health Sciences, Epidemiology, Health Policy and Management, Health Services Organization. For more information, go to: [http://ph.ucla.edu/](http://ph.ucla.edu/)

Networking Sites

- **How can you tell which career is right for you?**
- **How to give feedback your team can actually use**
- **20 Different Ways to Get Through a Rough Patch at Work**

Public Health News
How the Response to Zika Failed Millions

A Brief History of Vaccine Conspiracy Theories

Secrets to Stronger Health Systems: A Q&A with David Bishai

Please see the PHS website (Contact tab) or click here to use the online Advisor Scheduling System.*

* Please note – system does not work with Chrome or Safari browsers or mobile devices

PHS Weekly Submission Process

Public Health-centric student groups and health-related organizations around Hopkins and the Baltimore community are welcome to submit announcements to the PHS Weekly. Please submit to PHStudies@jhu.edu by 5pm every Monday.

For announcements or events, please submit the title, date, time, location and a brief description. The description should be brief and preferably include a link that will direct readers to another site for complete details.

For any position opening, please submit the position title, organization name, responsibilities and eligibility requirements, deadline for applying and contact information. Once again we ask you to keep the posting brief and provide an outside link for readers to gather further details.

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