

HMS MESSENGER

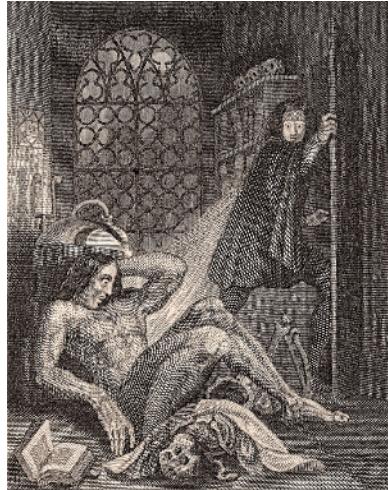
Health | Medicine | Society

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For information about the HMS program and much more, visit:

hms.cas2.lehigh.edu



IT'S ALIVE!!! *Frankenstein* at 200

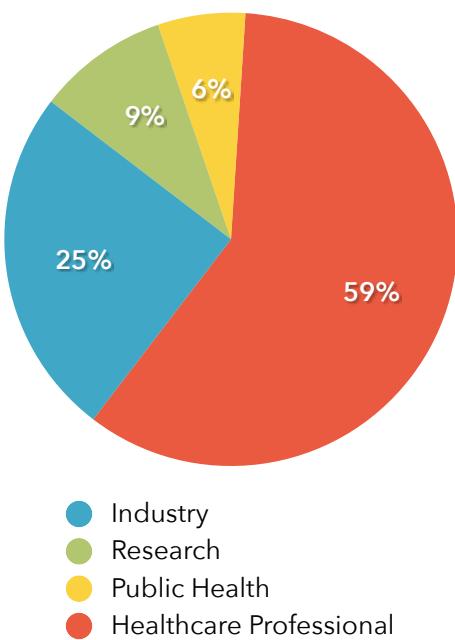
What, you might be wondering, does a 200-year-old novel have to do with Health, Medicine, and Society? The students in Professor Dolan's "The Afterlives of Frankenstein" (HMS/ENGL 115) are exploring that very question through bioethics, history of science, and literature. And, they are partnering with an English graduate class, the Bethlehem Public Library, ArtsQuest, and a number of units on campus (the HMS program, the English Department, the Humanities Center, and the Center for Community Engagement) to host seven public events in October.

The popular culture version of *Frankenstein* posits a simple maxim: when scientists play God, disaster ensues. But, as the class is learning, Mary Shelley's actual novel poses much more nuanced questions of accountability and care. The scientist Victor Frankenstein pursues his reanimation project in solitude—robbing graveyards and slaughterhouses of human and animal parts to build a creature. His pursuit reflects scientific interests of the 1800s—galvanism, electricity, and dissection, all of which the class is learning about. And, his solitude suggests that scientific ideas are best applied in a social context. When Victor abandons his creature, the creature raises himself, reflecting Romantic-era

By the Numbers

What careers are in the future for HMS students?

In May, the HMS program asked graduating minors and majors to provide a bit of information about their future career plans. The following chart shows what fields our newest class of graduates is heading into after graduation. See below the graph for a description of what specific jobs fits these categories.



Data represent 40 HMS majors and minors who graduated in May of 2018.

Healthcare professional careers reported include physician, physician assistant, nurse practitioner, physical therapist, optometrist, clinical psychologist, social worker, veterinarian

Industry careers reported include engineering, consulting, healthcare PR, data analytics, journalism, pharmaceuticals

fascination with early childhood education and the development of the mind. Rejected by society based on his hideous appearance, the sensitive and intelligent creature gives up his search for companionship, and instead begins to seek revenge on Victor. But who is responsible for the creature's mayhem? The Creature? His negligent creator Victor? Or society at large?

As class member Destiny West (Bios & HMS, '20) comments, "I think one of the biggest questions raised when reading *Frankenstein* is, 'What does it mean to have humanity?' The creature is inherently kind and good natured, but the world shuns him. His behavior is indicative of a being with humanity, having feelings, emotions, and conscious thoughts. However, when human beings turned him away, what does that say about humanity? I think these questions relate back to present day America and the political and sociological issues we face. If we learn from *Frankenstein* and redefine humanity, maybe we could finally begin to accept individuals of all different origins."

These topics will shape the public events hosted by the class, including a book group at the Bethlehem Public Library, a film series, and a marathon reading event. **All events are free and open to the public.** The book group meets Oct 15, 22, and 29 from 6:30-8:00 to discuss one volume of the novel at time with community members. The film series includes:

- John Whale's 1931 *Frankenstein* with Boris Karloff (Steel Stacks, Oct 17, 7:30 p.m.; co-sponsored by HMS),
- Mel Brooks's 1974 *Young Frankenstein* (Sinclair Auditorium, LU, Oct. 26, 7 p.m.; cosponsored by the CCE; costumes encouraged!),
- Kenneth Branagh's 1994 *Mary Shelley's Frankenstein* (Bethlehem Public Library Northside, Oct 27, 1 p.m.).

On Halloween, at the Bethlehem Public Library from 10 a.m. until 8 p.m., the Lehigh and Bethlehem communities will join an international celebration that includes more than 500 organizations in 49 countries, all reading the whole novel out loud in 10 minute segments. This event, *Frankenreads*, was the brainchild of



Professor Dolan when she was a board member for the Keats-Shelley Association of America. Members of the local community, including the mayor of Bethlehem, the Bethlehem Area School District Superintendent, health care professionals, teachers, artists, and other community members along with Lehigh professors, staff, and students will be reading! HMS students are in charge of creating a slide show that will project behind the readers, recruiting readers, turning out attendees, and planning the food and decorations. Yes, there's food. The members of the HMS 115 class hope you will drop by anytime during the day to help represent Lehigh and HMS—costumes encouraged!

From the Director's Desk

This semester has already been a busy one for the HMS Program. We have co-sponsored two amazing talks, one exciting poster session, and brought new students into the program in an Interdisciplinary Mixer. Want to find out when the next HMS event is going to happen? Program events and important deadlines (e.g., internship deadlines) are listed on the HMS Google calendar. Directions for adding the calendar can be found on page 7 of this newsletter. Events are also posted on the HMS website (hms.cas2.lehigh.edu/content/current-events). Prefer your HMS events' notifications on social media? HMS has an Instagram account (@lehigh_HMS) and a Facebook page (@LUHMSProgram). Keep track of what is going on with HMS and we will see you at the next amazing HMS event.

- Jessecae Marsh



Jessecae Marsh

Associate Professor of Psychology and Director of HMS

New Technology for Older Adults

Senior Danielle Fraticelli is working at the Hispanic Center Lehigh Valley on a research project that is assessing the impact of smart technology games on the health of older adults. Here is the story of her research experience in her own words.

For my supervised research, I have been working at the Hispanic Center on Fourth Street to help Professors Chuah and Alang assess the impact of smart technology games on the health of seniors. These games are developed by Professor Mooi Choo Chuah in Computer Science. Each week, I play a variety of memory and sports games with the seniors, share stories, and collect data on their physical, mental, and cognitive health. This work will inform my thesis on interventions that address social isolation and also improve the well-being of older adults. I am very interested in the field of Public Health and this project has helped me see how diverse public health actually is. I started working on this project in January of this year. I have learned a lot about how public health research is designed. I have also learned more about the needs that this specific population has, and some ways to improve their quality of life. I encourage HMS minors and majors to consider supervised research opportunities as it will enrich their learning experience.

- **Danielle Fraticelli**



You can participate in research too! Find an HMS faculty member whose lab you are interested in and ask if you can do HMS 292, "Supervised Research" credits. For questions about finding a research lab, email Dr. Marsh: jesseciae.marsh@lehigh.edu.

Learning More about Public Health

Lehigh's American Public Health Association (APHA) campus liaisons work to educate Lehigh about public health issues.

Hi! Our names are Karli, Natalie, and Katie and we are the current liaisons for the American Public Health Association and Lehigh University. This position enables us to bring the mission of the American Public Health Association to Lehigh's campus, as well as create proactive involvement for students on not only our campus, but campuses across the nation. This year, APHA is hosting their 146th annual meeting, held in San Diego. Every year this conference moves to a different location, and a new theme is chosen to match the current public health climate. This year the theme will be "Creating the Healthiest Nation: Health Equity Now." Currently we are in the works of creating a new event on campus, in which we will be able to live stream the upcoming APHA 2018 annual conference, to large groups of students and professors who are interested in the field of public health here at Lehigh. This will enable students at Lehigh to have first hand experience and exposure to the most current advancements in public health, without cost. Stay tuned for more details concerning the date, time, and location. Please feel free to email us with any questions!



Karli Manko

Major: Economics & HMS
kam220@lehigh.edu



Natalie Martin

Major: Biology; Minor: HMS
nsm219@lehigh.edu



Katie Murabito

Major: Psychology & HMS
kam320@lehigh.edu

Considering the Whole Patient

For centuries, medicine has been studied like the board game Operation. A patient enters the office with a stomach pain, so the physician takes her tweezers and removes the 'butterflies', careful to avoid setting off the buzzer. However, in many cases, there is more to patients' stories than the symptom that drove them to seek care. Does he have a family history of butterflies in his stomach? Did fear about seeing a doctor for the butterflies prevent him from getting help sooner? While pondering these questions serves little purpose in the board game, their relevance is high in a new perspective of treating patients and caregivers: "narrative medicine". This relatively new field trains healthcare leaders to treat the whole patient rather than just the physical patient. Co-occurring with health issues are often financial distress, anxiety over what the future holds, and pressures caregivers face when given the responsibility of looking after a loved one. This holistic approach will create an emerging generation of doctors, pharmacists, and other leading healthcare providers with unprecedented levels of empathy for the patient's treatment process. Narrative medicine is offered at many Medical and Public Health schools as a master's program. However, at Lehigh, students can get a taste for this field as undergraduates. In Spring 2019, Dr. Hasshan Batts and Dr. Nicole Defenbaugh will both be instructing courses regarding narrative medicine and the role it will hold in settings that provide care. By giving Lehigh students an early introduction to narrative medicine, future patients will be able to expect a higher standard of healthcare that cares about their health as a whole, not just simply plucking out the butterfly in their stomach and passing the tweezers to the next player.

- **Ashley Paquin**

Interested in learning more about narrative medicine? Enroll in HMS / ANTH 396 "Narrative Medicine" and HMS 397 "Construction of Health Identity" this Spring 2019!

Cavities and the Community

Senior Sarah Horne participated in the Health Equity Internship sponsored by HMS and St. Luke's Health Network. Here is the story of what her HMS internship meant to her.

As a senior currently reflecting on the activities that I have invested myself in at Lehigh in preparation for dental school interviews, I feel that my experience as a St. Luke's Health Equity intern during the spring semester of my junior year was particularly impactful on my academic journey. As a Health Equity intern, my goal was to focus on a specific aspect of health within our local community and identify ways that this health aspect could be addressed with community programs through the Hispanic Center Lehigh Valley. I feel very

fortunate to have worked with Dr. Bonnie Coyle and Dr. Rajika Reed from St. Luke's, who were incredible mentors for me throughout my internship. They designed an internship that focused on my interests in dental health and children, but also allowed for significant creativity and independence for the creation of my final project. To understand dental health within the

Bethlehem community, I shadowed Dr. Mohammed Qahash from the St. Luke's Bethlehem dental clinic. Through my shadowing experience, I was able to understand some of the social determinants that may prevent Bethlehem community members from taking proper care of their oral health or receiving appropriate treatment, such as housing, transportation, access to healthy foods, and insurance conditions. I applied my learnings from shadowing to the WIC (Women, Infants, and Children) program at the Hispanic Center. As a community center for many low-income women with young children, I saw the perfect opportunity to implement basic oral health education in the nutritionist visits. I designed an informational packet with helpful visuals for the nutritionists to use, a bulletin board and poster for the waiting rooms regarding pediatric dental health, as well as English and Spanish brochures about weaning babies off the bottle to avoid dental caries. I also wrote grants to several dental product companies asking for grants, and recently received a \$500 grant to purchase supplies such as toothbrushes and toothpaste to give to patients when they receive dental health education from their nutritionists. I also had the opportunity to volunteer with the Kellyn Foundation and participate in the Dr. Seuss reading day at Donegan Elementary School to learn about public health initiatives. I continued my work with St. Luke's on a broader level as a Community Health intern the following summer, and I am currently volunteering as a St. Luke's health educator within their free HEARTS health clinics and REACH programs. My time interning for St. Luke's has significantly enriched my academic experience at Lehigh. Through this experience, I learned how passionate I am about community health, which has led me to consider pursuing a double degree in dental medicine and public health (DMD/MPH).



- Sarah Horne

Interested in the HMS Health Equity Internship? See the Opportunities for Students section starting on page 11 of this newsletter for more information. Go to <https://hms.cas2.lehigh.edu/content/internships-and-volunteer-opportunities-students> for more information about the internship and to access an application.

HMS Program Faculty

Kelly Austin | Associate Professor of Sociology | Director of Global Studies
Sirry Alang | Assistant Professor of Sociology & Health, Medicine, and Society
Christopher Burke | Director of Community Health Research Group | Associate Professor of Psychology
Dena Davis | Presidential Endowed Chair in Health, Humanities, and Social Sciences | Professor of Religion Studies
Elizabeth Dolan | Associate Professor of English

Julia Lechuga | Assistant Professor of Counseling Psychology & Health, Medicine, and Society
Linda Lowe-Krentz | Professor and Chair of Biological Sciences
Jessecae Marsh | Director of Health, Medicine, and Society Program | Associate Professor of Psychology
Lucy Napper | Assistant Professor of Psychology & Health, Medicine, and Society
Lorenzo Servitje | Assistant Professor of English & Health, Medicine, and Society

What HMS Students are Saying...

Samantha Margolin

Class of 2021

Major: HMS

What is interesting about the HMS curriculum is it integrates so many diverse courses from different departments. All classes touch on topics that have global significance. Typical classroom discussions touch on such topics as bioethical implications of genetic testing, the importance of mass vaccination campaigns to promote herd immunity, or the health and economic impacts of social isolation. Similarly, students in this department explore the direct and indirect associations between health, socio-economic status, the environment, and the public policy response at the state and federal level. This new major at Lehigh continues to evolve as more interdepartmental connections are made!

Rachel O'Toole

Class of 2021

Major: Molecular Biology

Minor: HMS

I want to work in a biotech research lab and I think understanding people and their side of the medical field will help me understand what needs to be researched since I will have a background in the human side of things, not just the science and number side.

Miguel Cole

Class of 2021

Minor: HMS

Through HMS I have found a happy medium to support my interest in medicine while I expand my experience in scientific journalism, which ultimately will prepare me for a career in Public Health.

Health Fact Corner

Did you know: The origins of modern-day chemotherapy lie in weapons of war. After the horrors of chemical gas attacks during WWI, two British scientists were working on antidotes to one agent that was especially devastating--mustard gas. In their search of medical records they discovered that the gas caused a dramatic drop in white blood cells, and theorized that if the gas could destroy normal cells, it could destroy cancerous white blood cells as well (leukemia). Secret trials for a modified form of the active ingredient in mustard gas (nitrogen mustard) began in 1942 and were published publicly in 1946. The chemotherapeutic agent Mustargen (Mechlorethamine) was approved in 1949 and remains in use today.



Learn more in HMS 170, "Medical Humanities".

How to Add the HMS Events Calendar to Your Calendar

- 1) Sign in to your Lehigh Google account. (lehigh.edu/google)
 - 2) Go to this website: bit.ly/HMS_Calendar
 - 3) A screen may come up asking if you want to add this calendar to your Google calendar. Click add. Alternatively, you may see a website that looks like a calendar page. At the bottom is a button called +Google Calendar. Click on that button to add the HMS calendar to your Lehigh Google calendar.
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Inside a Career in Health

What is it like to be a health care provider? In this issue we talk to Dr. Marilyn Gorney-Daley, a Lehigh University graduate and public health physician.

What does a day on the job look like for you?

A day on the job will usually include multiple meetings and communications with many people from a variety of disciplines. As a Maternal and Child Health Director, I am focused on how to protect and improve the health of mothers, children, including those with special health care needs, and families. My challenges include addressing maternal and infant mortality and morbidity, addressing health disparities, and ensuring access to quality, comprehensive care. Strategies to address these challenges include multiple partners such as physicians and other healthcare providers, parents and families, insurance providers, hospitals, and many others. Many issues in maternal and child health can also involve legislative, legal, ethics, and fiscal experts. In addition to meetings, I've handled press calls, done radio interviews, applied for grants, given lectures to undergraduate, graduate, and medical students, written commentaries on legislative bills, addressed community and professional groups on various health topics, and managed staff and budgets.

What surprises you most about your job?

There never seems to be a time where "the dust settles." The good news is that the job is never boring. When one crisis resolves or calms, another surfaces. Through my 20+ years, we have had to address threats of bioterrorism, especially anthrax, autism, infectious disease outbreaks, Ebola, Zika, vaccine controversies, family planning controversies, newborn screening, genetic testing and the government's role, maternal mortality, infant mortality, health inequities and disparities, the opioid crisis, medical marijuana, mental health needs, and suicide.

What is the most important thing you think people should know about health?

Good health is invaluable. Premature death and disease can be prevented through healthier habits and environments to a significant degree. There are also many determinants of health beyond genetics and healthcare that need to be taken into account in pursuing a healthier lifestyle.

Biography: Marilyn Gorney-Daley D.O., M.Ph. received a medical degree from the University of Medicine and Dentistry of New Jersey, School of Osteopathic Medicine in 1993 and a Master in Public Health degree from the University of Medicine and Dentistry School of Public Health in 1995. Dr. Gorney-Daley is board certified in General Preventive Medicine and Public Health. Dr. Gorney-Daley has been with the New Jersey Department of Health for approximately 15 years and currently serves as the Director of Special Child Health and Early Intervention Services at the State of New Jersey Department of Health where she oversees a number of programs and services for children with special health care needs. She is responsible for a staff of over 60 professionals with an annual budget of over 150 million dollars.



Spring 2019 Courses

EES 029	Human Health and the Environment (NS) 4 credits Professor Peters	M/W/F 11:10 - 12:00 p.m.
HMS/BIOS 097	Neurobiology, Social Identity, and Health (NS) 3 credits Professor Fink	M/W 11:10 - 12:25 p.m.
HMS/ES/POLS 110	Environmental Planning for Healthy Cities (SS) 4 credits Professor Beck-Pooley	T/R 9:20 - 10:35 a.m.
HMS/REL/PHIL 116	Bioethics (HU) 4 credits Professor Davis	M/W 2:35 - 3:50 p.m.
HMS/STS/HIST 118	History of Modern Medicine (HU) 4 credits Professor Smith	M/W 12:45 - 2:00 p.m.
HMS/HIST/WGSS 125	Does Sex have a History? (HU) 4 credits Professor Najar	T/R 1:10 - 2:25 p.m.
HMS/PSYC 138	Abnormal Psychology (SS) 4 credits Professor Lomauro	M/W 7:10 - 8:25 p.m.
HMS/ANTH 155	Medical Anthropology (SS) 4 credits Professor Whitehouse	T/R 9:20 - 10:35 a.m.
HMS/SOC 162	Aids & Society (SS) 4 credits Professor Alang	W/F 8:45 - 10:00 a.m.
HMS 170	Medical Humanities (HU) 4 credits Professor Servitje	T/R 9:20 - 10:35 a.m.
HMS 180	Introduction to Public Health (SS) 4 credits Professor Reed	M/W 8:45 - 10:00 a.m.
HMS/CLSS 196	The Greek and Roman Roots of Medical Terminology (HU) 4 credits Professor Pavlock	M/W 2:35 - 3:50 p.m.
HMS/COMM 197	Health Communication (SS) 4 credits Professors Friedman & De Maio	T/R 10:45 - 12:00 p.m.
HMS/REL 226	From Black Death to AIDS: Plague, Pandemic, Ethics and Religion (HU) 4 credits Professor Steffen	T/R 10:45 - 12:00 p.m.
HMS/MLL/ASIA/HIST 298	Traditional Chinese Medicine: Historical Perspectives (HU) 4 credits Professor Cook	M/W 12:45 - 2:00 p.m.
HMS 301	Special Topics: Food, Medicine, and Public Health (SS) 4 credits Professor Coyle	M/W 7:00 - 8:15 p.m.
HMS/SOC 316	Social Epidemiology (SS) 4 credits Professor Alang	W/F 11:10 - 12:25 p.m.
HMS/ES/POLS 320	Food Justice in Urban Environments (SS) 4 credits Professor Beck-Pooley	T/R 10:45 - 12:00 p.m.
HMS/JOUR/ES/STS 323	Health and Environmental Controversies (SS) 4 credits Professor Freidman	T/R 1:10 - 2:25 p.m.

HMS/PSYC 334	Psychology of Body Image and Eating Disorders (SS) 4 credits Professor Lomauro	T 7:10 - 10:00 p.m.
HMS/PSYC 344	Health Care Reasoning and Decision Making (SS) 4 credits Professor Marsh	M/W 8:45 - 10:00 a.m.
HMS/POLS 354	U.S. Health Care Politics (SS) 4 credits Professor Olson	T/R 9:20 - 10:35 a.m..
HMS/SOC 373	Seminar in Sociology: Purposeful Curiosity (SS) 4 credits Professor Stanlick	T/R 9:20 - 10:35 a.m.
HMS/EDUC 375	Community Based Participatory Research Methodology (SS) 4 credits Professor Lechuga	M/W 12:45 - 2:00 p.m.
HMS/ANTH 396	Narrative Medicine (SS) 4 credits Professor Battis	T/R 7:55 - 9:10 a.m.
HMS 397	Construction of Health Identity (ND) 4 credits Professor Defenbaugh	M/W 2:35 - 3:50 p.m.

Additional Coursework Requiring Director or Instructor Permission for Registration

HMS 221	Peer Health Adviser Training (SS) 4 credits Professor Papaz	T/R 2:35 - 3:50 p.m.
HMS 291	Independent Study (HU/SS) 1-4 credits Available with multiple faculty	TBD
HMS 292	Supervised Research (HU/SS) 1-8 credits Available with multiple faculty	TBD
HMS 293-10	Internship (HU/SS) 1-8 credits Professor Marsh	TBD
HMS 294	Health Equity Internship (HU/SS) 1-8 credits Professors Coyle and Reed	F 12:10 - 1:00 p.m.

Faculty Awards and Honors

Professor **Sirry Alang** was awarded the 2018 Change Agent Award from the Office of Multicultural Affairs. This award is presented to a faculty or staff member who works for social advocacy and has promoted effective change for all members of the Lehigh University community.

Professor **Dena Davis** was a visiting scholar for a week at an NIH-sponsored institute on research ethics, at FLACSO (Latin American Social Sciences Institute) in Buenos Aires, in May. She gave two lectures on aspects of research ethics and one lecture on informed consent in the clinical context. She was also a guest lecturer in the MA program for genetic counselors at Arcadia University in Philadelphia.

Professor **Lucy Napper** was awarded the Frank Hook Assistant Professorship. This Lehigh University award rewards outstanding junior scholar-teachers who both conduct scholarship at the highest level and foster personal interaction and mentoring relationships with students. This award is merit-based, very selective, and viewed as a high honor by the university community. Two professorships are awarded each year. Appointments are for a two-year nonrenewable term.

Recent Faculty Publications

- Alang, Sirry.** (2018). Contrasting depression among African Americans and major depressive disorder in the DSM-V. *Journal of Public Mental Health, 17*(1), 11-19.
- Alang, Sirry.** (2018). The More Things Change, the More Things Stay the Same: Race, Ethnicity, and Police Brutality. *American Journal of Public Health, 108*(9), 1127-1128.
- Alang, Sirry** & Bornstein, Sydney. (2018). HIV testing history among young adults: The roles of sex, race, and sexual orientation. *Journal of HIV/AIDS & Social Services, 17*(3), 180-194.
- Austin, Kelly F.** (2018). The potentials and obstacles of cross-national research: Examining unemployment and young women's HIV in less-developed nations. *SAGE Research Methods Cases*. doi:10.4135/9781526446190
- Austin, Kelly F.**, & Banashek, C. (2018). Gender inequality and environmental well-being: A cross-national investigation of ecosystem vitality and environmental health. *Sustainability in the Environment, 3*(3), 256-276.
- Galbraith, K.V., **Lechuga, Julia**, Jenerette, C.M., Moore, A.D., Palmer, M.H., Hamilton, J.B. (in press). African-American parents' and daughters' HPV vaccination acceptance: an inquiry grounded in culture. *Ethnicity & Health*.
- Galbraith, K.V., **Lechuga, Julia**, Jenerette, C.M., Moore, A.D., Palmer, M.H., Hamilton, J.B. (in press). African-American parents' and their daughters' beliefs about HPV infection and the HPV vaccine. *Public Health Nursing*.
- Lechuga, Julia**, Galletly, C. L., Broaddus, M., Dickson-Gomez, J., Glasman, L., McAuliffe, T., Vega, M. Y., LeGrand, S., Mena, C. A., Barlow, M. L., Valera, E., & Montenegro, J. I. (2018). The development and psychometric properties of the Immigration Law Concerns Scale (ILCS) for HIV testing. *Journal of Immigrant and Minority Health, 20*, 1109-1117.
- Lough, B. J., Tiessen, R., and **Lasker, Judy N.** (2018). Effective practices of international volunteering for health: Perspectives from host partner organizations. *Globalization and Health, 14*(11), 1-11. doi:0.1186/s12992-018-0329-x
- Marsh, Jessecae K.**, & Vitriol, J. A. (2018). Explanation hubris and conspiracy theories: A case of the 2016 Presidential election. In T. T. Rogers, M. Rau, X. Zhu, & C. W. Kalish (Eds.), *Proceedings of the 40th Annual Conference of the Cognitive Science Society* (pp. 2090-2095). Austin, TX: Cognitive Science Society.
- McAlpine, D., McCready, E., & **Alang, Sirry.** (2018). The Meaning and Predictive Value of Self-rated Mental Health among Persons with a Mental Health Problem. *Journal of Health and Social Behavior, 59*(2), 200-214.
- Meyerhoefer, Chad**, Sherer, S., Deily, M., Chou, S-Y., Guo, X., Chen, J., Sheinberg, M., & Levick, D., (2018). Provider and patient satisfaction with the integration of ambulatory and hospital EHR systems. *Journal of the American Medical Informatics Association, 25*(1), 1054-1063.
- Napper, Lucy E.** (2018). Examining theoretical predictors of (mis)perceived alcohol norms. *Journal of Studies on Alcohol and Drugs, 79*(3), 474-480.
- Napper, Lucy E.**, & Derby, A. (2018). Longitudinal associations between maternal disclosure of past alcohol use and underage college drinking. *Psychology of Addictive Behaviors, 32*(3), 301-308.
- Peng, L., **Meyerhoefer, Chad**, & Chou, S-Y. (2018). The health implications of unconventional natural gas development in Pennsylvania. *Health Economics, 27*, 956-983.
- Biener, A., Cawley, J., & **Meyerhoefer, Chad**. (2018). The Impact of obesity on medical care costs and labor market outcomes in the U.S. *Clinical Chemistry, 64*(1), 108-117.
- Shaak, K., Johnson, M. B., **Marsh, Jessecae K.**, Hansen, S. E., Seaton Banerjee, E., Stello, B., & Careyva, B. A. (2018). Exploring health beliefs among Hispanic adults with prediabetes. *Journal of Community Health, 43*, 962-968.
- Siadatnezhad, S., Ziae, T., Khouri, E., Alivakili, M., **Lasker, Judy N.** (2018). Translation and validation of the Persian version of the Perinatal Grief Scale in Iranian mothers with an experience of pregnancy loss. *World Family Medicine/Middle East Journal of Family Medicine, 16*, 55-61.
- Vitriol, J. A., & **Marsh, Jessecae K.** (in press). The illusion of explanatory depth and endorsement of conspiratorial beliefs. *European Journal of Social Psychology*. doi:10.1002/ejsp.2504

Opportunities for Students

Apply for the HMS Health Equity Internship!

Applications for Spring 2019 HMS Health Equity Internship are currently being accepted.

Students will work with a combination of staff and faculty from the Hispanic Center, St. Luke's, and Lehigh University to assist in developing programs at the Hispanic Center LV, the Center for Integrative Health, and with other community agencies to promote health equity and reduce health disparities for the South Bethlehem community. Students may participate in activities related to data collection, program management, marketing of community/public health initiatives, outreach, and grant writing. Specific programs students work with include: healthy food options for the food bank, promoting health and well-being for older individuals who attend the senior center, diabetes prevention and management, and community empowerment initiatives job readiness programs.



To learn more information and download an application, go to:

<https://hms.cas2.lehigh.edu/content/internships-and-volunteer-opportunities-students>

The deadline for applications for a Spring 2019 internship is October 22nd.

Applicants will be notified if they were accepted via email at the end of November. Students will need to obtain proper clearances for the internship prior to January 15th, 2019.

Students will earn HMS credit for this internship based on the hours worked. Additionally, there is a weekly required meeting with Dr. Coyle and Dr. Reed for this internship every Friday during the Spring semester from 12:10-1pm. Contact Dr. Rajika Reed if you have any questions at Rajika.Reed@sluhn.org.

Apply to be a H.E.A.R.T.S.Link Volunteer! Applications due March 15th, 2019.

Health, Education, Advocacy, & Resources at Temple & St. Luke's is a student-run free clinic dedicated to serving the uninsured and underinsured population of Bethlehem. As a HEARTSLink Volunteer, you will work with patients and their families to address barriers to care and make a real change in healthcare delivery in our community.

For more information, call: 484-526-6569 or Email: michelle.wagner@sluhn.org



Let Lehigh's Center for Community Engagement help.

- Plan a community-engaged learning/service/research experience
- Ask us about our existing partnerships within the Bethlehem community
- Take a look at our course offerings, including HMS 120

For more information, visit the Center for Community Engagement at Williams Hall 020, see our website <https://cce.lehigh.edu/>, or contact Dr. Sarah Stanlick at inengage@lehigh.edu.



Did you know you can earn HMS credits for being a research assistant in an HMS faculty member's lab?

Many HMS faculty members rely on undergraduates to help conduct their research. Students can gain course credit through HMS by signing up for HMS 292, "Supervised Research". Email a faculty member you are interested in working with to see if they are taking students for next semester. Discuss with that faculty member whether receiving credit through HMS 292 or supervised research in his or her department is right for you.

Undergrads, need money to travel to a conference?

Are you attending or presenting at a conference this year related to health? The HMS Program offers student travel grants to help fund your trip. The HMS Student Travel Grant is available to any HMS minor or major who has either 1) already booked travel for a conference, or 2) has an acceptance to present at a conference. Applications are accepted on a rolling basis and awards will be given on a merit basis as funds are available. For more information and to download an application, visit:
hms.cas2.lehigh.edu/content/student-grants

Thank you for reading the *HMS Messenger*, the official newsletter of the Health, Medicine, and Society Program of Lehigh University. To see your content in the *HMS Messenger* email jessecae.marsh@lehigh.edu.