



Areas of Concentration

Specialized concentrations that can be completed during the four year curriculum.

Academic Surgery: familiarizes medical students with basic surgical concepts, techniques and terminologies to augment learning in the operating room.

Requirements

- mandatory 8 week pre-clerkship lessons in 2nd year
- 6 hour pre-sub internship session on suturing and laparoscopy skills in 3rd year
- 2 week boot camp at the Simulation Center in 4th year
- accrual of xxx points by attending symposiums, participating in Agnew Scholars Program, or presentation of research at qualifying local/regional/national scientific meetings
- 1 page write-up after attending lectures/grand rounds/symposium
- Scholarly Pursuit with Dept. of Surgery mentor
- teach surgical curriculum to MS2 and MS3 students during 4th year

Community Health:

Bridging the Gaps: Community Scholar –

links the provision of health-related service for under-resourced populations with the interprofessional training of health and social service professionals.

Requirements

- Community Health Internship Program: 7 week summer internship
- Attendance of 6 BTG seminars between 1st year and 4th year
- One month elective: Covenant House, Prevention Point Philadelphia, Philadelphia FIGHT, HMS School for Children with Cerebral Palsy

IMPACT – focuses on underserved patients with low socioeconomic status. The program emphasizes the challenges of health care, the difficulty of getting needed care and services and teaches physician advocacy for this constituency.

Requirements

- Bridging the Gaps: Community Health Internship Program (BTG CHIP)
- Bridging the Gaps Seminar Series
- IMPACT Teaching Service Elective
- Scholarly pursuit that has relevance to addressing the social determinants of health and reducing health disparities

Clinical Informatics: Provides students with an understanding of important topics in clinical informatics, including health IT, data structures, clinical decision support, human factors, quality improvement, policy, and care delivery models. Students will gain experience in developing and implementing technological solutions to improve efficiency of patient care throughout Penn Medicine. They will also develop practical skills in Epic development, project management and/or programming.

Requirements

- Completion of the University of Pennsylvania's Introduction to Biomedical and Health Informatics (BMIN 501) course, completion of an additional course elective, seminar attendance, and a presentation/teaching requirement
- Experiential learning through a Clinical Informatics rotation, a CMIO-based clinical informatics fellowship, or an approved internship
- Work closely with a faculty mentor, and Penn Medicine executive leaders in health IT or clinical informatics

Clinical Neuroscience (CNST): nurtures medical students' interest and involvement in the clinical neurosciences including: Anesthesiology, Neuropathology, Neuroradiology, Psychiatry, Ophthalmology, and Otorhinolaryngology.

Requirements

- Clinical Neuroscience-related research activity between 1st and 2nd year
- Attendance at 20 CNST seminars between 1st year and 4th year
- 2 clinical elective rotations in neuroscience-related specialties during 3rd and 4th year
- Scholarly pursuit must be neuroscience-related and meet graduation requirements
- Present neuroscience-related research findings at a scientific meeting by 4th year

Global Health: provides students with an in-depth exploration of global health issues through coursework, research and clinical rotations.

Requirements

- Global health experience #1 (6 week minimum duration) or Community Health Internship Program with transnational focus
- PUBH519 Foundations of Global Health course
- Global health experience #2 (6 week minimum duration)
- Must meet scholarly pursuit requirements with global health relevance

Healthcare Management, Entrepreneurship, and Technology (H-MET): provides healthcare professionals with a broader perspective to navigate an evolving healthcare system, to incorporate quality and patient safety measures at the population level, and to implement the meaningful use of healthcare technologies.

Requirements

- Attendance of 12 seminars between 1st year and 4th year
- Complete 2 courses in addition to curriculum: Healthcare Management at Wharton and another content-appropriate course

Law: immerses students in legal issues in their areas of academic interest, explores legal approaches and perspectives, and provides opportunities to engage in legal research.

Requirements

- Three courses at Penn Law with one being LAW511
- One additional course at the Law School or may be approved from related coursework
- A grade of B- must be achieved

Medical Education: prepares students to become leaders in medical education through training in the science of medical education, theoretical frameworks, and principles; developing skills in scholarship via medical education research or curriculum development; developing effective teaching skills through mentoring faculty with experience in medical education leadership or scholarship.

This 15 month program is available to students in their 3rd and 4th year.

Requirements

- 2 week Medical Education Immersion Course
- Monthly workshops throughout program
- Monthly attendance at medical education journal club
- Capstone project (research projects can meet scholarly pursuit requirements)

Palliative Care: In 2021 The Perelman School of Medicine developed a four-year comprehensive curriculum in palliative care, the CARE-7 Curriculum. The Palliative Care Area of Concentration is an opportunity for students to solidify basic concepts introduced in CARE-7 and begin to work toward more advanced palliative care skills and knowledge. Students have opportunities for coaching on their communication skills and attain advanced knowledge about topics such as pain and symptom management, prognostication, and specialist palliative and hospice care that are not addressed to such an extent elsewhere in the curriculum. Students will also participate in the UPHS palliative care community through partnership with coaches and research mentors and participation in the Palliative Care Conference Series and Student Palliative Care Specialty Interest Group events. Students must apply for this area of concentration by the end of their clerkship year.

Requirements:

- Students will attend at least 4 Palliative Care Specialty Interest Group events
- Students will attend at least 6 Palliative Care Seminar Series Sessions
- Completion of modules and recorded didactics in advanced palliative care topics
- Clinical palliative care elective in 3d/4th year
- Specialized coaching/advising
- Scholarly Pursuit project in palliative care topic

Primary Care: The Measey Primary Care Pathway is designed to train the next generation of primary care physicians with the skills they need to engage in and transform high quality patient-centered care. This comprehensive program includes enhanced primary care clinical experiences, mentoring from exceptional role models, research and scholarship opportunities, team learning, courses and workshops, and community engagement experiences. Students can join the pathway as first, second or third year students.

Requirements

- Attendance at mentoring groups (5-6 per year)
- Pre-clerkship Longitudinal Ambulatory Care Experience shadowing program in Core 1
- Outpatient primary care externship in Core 3
- Two Core 3 primary care electives
- Scholarly pursuit focused on primary care
- Community service activity

Public Health Medicine: provides transcript-level recognition for students who have made an effort to expand their public health knowledge during medical school by completing required public health- related scholarly activities.

Requirements

- 2 public health courses
- public health immersion experience (Summer Assistantship in Public Health, Bridging the Gaps, global health immersion experience
- Scholarly pursuit

Spirituality and Health: focuses on the importance of incorporating spiritual care into the healthcare system and integrating patients' spiritual issues and resources into treatment.

Requirements

- Completion of a 6 week summer internship
- Training experience in the Healer's Arts
- Observation experiences: chaplain shadowing, grief rounds, clergy in the community
- Didactic experience: annual lectures in spirituality, religion, frontiers in palliative care
- Selected rotations: palliative medicine, geriatric medicine, pediatrics, critical care medicine psychiatry, IMPaCT teaching service elective (choose 1)
- Experience in counseling, advising and/or mentoring
- Scholarly pursuit project in spirituality and health