NEW FOR SPRING 2022

ENGR 497: Biomedical Engineering, Law, & Policy

Jennifer Wagner, assistant professor of law, policy, and engineering
Mondays and Wednesdays, 2:30 – 3:45 p.m.
307 Hammond Building

This seminar course explores ethical, legal, and policy issues relevant to biomedical engineering and precision health. Through directed readings, students will gain an understanding of disruptive innovations in medicine—the technological innovations and the corresponding changes in ethical, legal, and regulatory frameworks that apply to them. Topics include, but are not limited to, the following: biohacking, citizen science, and civil rights; medical device regulations and consumer protections for mobile health apps, trackers, wearables, implantables, and artificial intelligence/machine learning algorithms; governance of human genome editing; bioprinting, equity, transhumanism, and One Health; information privacy and biomedical data governance; biases, discrimination, accountability, and fairness in precision medicine; the learning healthcare system; and more. This course is offered as part of the Law, Policy, and Engineering initiative.

To register for the course, visit LionPATH and enroll in ENGR 497, Section 002.