

University of Pittsburgh School of Medicine (UPSOM)

One of the premier medical schools in the country, the University of Pittsburgh, School of Medicine has more than 2100 regular faculty members in 30 departments. It was ranked 13th in both research and primary care by US News and World Report in 2019, and it ranks The School of Medicine ranked 6th in NIH research funding, accounting for more than \$415 million in 2018. Its mission is to improve the health and well-being of individuals and populations through cutting-edge biomedical research, innovative educational programs in medicine and biomedical science, and leadership in academic medicine.

UPSOM is committed to current and future actions to address the opioid crisis:

Health Professional Education and Training:

- Addiction Area of Concentration- a 150 credit concentration resulting in a certificate at medical school graduation, incorporating clinical experiences, public health exposure and research in addiction
- Addiction Grand Rounds, a monthly speaker series for learners and faculty
- Medical student curriculum:
 - Neuroscience of addiction, epidemiology, medical complications of substance use disorder, intoxication and withdrawal states, overdose prevention and reversal, behavioral change
 - Motivational Interviewing workshops utilizing Standardized Patient interviews
- Free buprenorphine waiver training for medical students
- Medical Student elective clinical rotations, including inpatient addiction consult service
- Mentored career development award for junior faculty research in opioid use disorder*
- Faculty workshops, including Medical School Preparedness for opioid treatment workgroup (Department of Health led by Dr. Rachel Levine)

Opioid Prescribing Guidelines and Evidence Standards

- CME on opioid prescribing
- NIH funded clinical trials to improve opioid prescribing in primary care, including use of clinical decision support and implementation science
- CDC funded grant to Allegheny County with subcontract to University of Pittsburgh researchers to perform academic detailing to county practices for opioid prescribing

Prevention, Treatment and Recovery

- Community education programs by students: overdose recognition, response, naloxone demonstration, and recovery resources
- Medication take back events (mostly school of Pharmacy)
- Close collaboration with UPMC Health System clinical programs

Research, Data and Metrics

- Funded clinical trials from NIH (NIDA), CDC, PCORI, State and Foundation grants
- Clinical trials of novel ways to increase engagement with medication treatment for opioid use disorder- in pregnant women, primary care, inpatient hospitalization

- Clinical trials to improve opioid prescribing in primary care
- Database analysis to predict recovery and relapse from opioid use disorder, incorporating multiple county level databases
- NIDA Clinical Trials Network node participation*