

Page 1

Q1 Faculty Information:

Last name:	Chou
First name:	Edgar
Faculty Position:	Chief Value Officer/Medical Informatics Officer
Department:	Internal Medicine
Institution:	Drexel University College of Medicine
Phone:	2152557392
Email Address:	ec62@drexel.edu

Q2 Type of Research? **Quality Improvement
Activities/Research**

Q3 Please describe your research interests:

Health care disparities
Applied informatics- Impact of health information technology on health care delivery/patient outcomes

Medical Student Research Opportunities

Q4 Please provide a brief description of research opportunity/project(s):

1) Title of project(s):	Discrepancy between insurance claims and structured/unstructured data in the Electronic Health Record
Brief Description:	Electronic health records store vast amounts of information regarding patients. Insurances have a limited knowledge of patients and rely on claims (bills) submitted for payment. This project measures the discrepancy between our electronic health record (EHR) and what is submitted in claims, leveraging the use of Natural Language Processing on our EHR data.
Duration:	3 months
Time commitment:	8-12 hours per week (time commitment impacts duration)
Specific Requirements:	CITI Training, HIPAA Training, Data validation
Funded or unfunded (yes or no):	No
2) Title of project(s):	Task Fatigue: Contributing to physician burnout in the age of electronic health records
Brief Description:	Tasks are generated by the electronic health record for each activity that needs to be addressed; excess amounts leads to task fatigue and impacts physician wellness
Duration:	3 months
Time commitment:	8-12 hours per week (time commitment impacts duration)
Specific Requirements:	CITI Training, HIPAA Training, IRB submission, Data retrieval, data analysis
Funded or unfunded (yes or no);	No

Q5 Please indicate the specific level of experience required, if applicable:

Open to all medical students