

2026 IHPI/HSR Summer Student Fellowship and Internship Program - Faculty Project List

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Name	Email	Faculty School Primary Appointment	Student Education Level	Health Equity Project	Skills a student should have to work on this project	Project Description
Adrienne Lapidos	alapidos@umich.edu	Medical School	Undergraduate student, Master-level student, Doctoral-level student, Medical student (Please note, Medical School faculty cannot partner with a medical student, unless the student is working on a dual degree, such as an MPH, during the project)	No	Literature reviews, Interest in graphic design, infographics, communications, and/or data visualization, although no formal background or training are required	People diagnosed with mental illness are subject to significant physical health disparities. Among these are disparities related to oral health and dental care. Our working group conducts community-engaged research to explore how to improve oral health outcomes among patients with mental illness, particularly those served in safety net mental health settings. The current project involves disseminating educational materials and toolkits in safety net healthcare settings to improve oral health awareness and increase referrals to dental care. The selected student will conduct literature reviews, summarize research findings, attend Community Advisory Board meetings, and help create the educational materials/toolkits for dissemination. The ideal candidate will have some interest in graphic design, infographics, communications, and/or data visualization, although no formal background or training in these areas are required.
Alex Peahl	alexfrie@umich.edu	Medical School	Master-level student, Doctoral-level student	No	Project coordination / project management, Conducting interviews, Additional coordination and engagement with stakeholders. This project would welcome many different types of competencies, as any skills related to quality improvement, healthcare policy, public health, social work, or data analytics could contribute.	This research project focuses on advancing the uptake and implementation of the MiPATH program (Michigan Plan for Appropriate, Tailored Healthcare in pregnancy). The goals of MiPATH are to ensure all patient needs are met, including both clinical needs and social needs. The project supports both improvement work at Michigan Medicine as well as policy and guideline recommendation at the state and national levels. An involved student would have the opportunity to work on refining standardized resources, engaging with clinical stakeholders, assessing impact, and supporting guideline and policy work in Michigan and nationally.

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Amy Cohn	amycohn@med.umich.edu	College of Engineering	Undergraduate student, Master-level student, Medical student (Please note, Medical School faculty cannot partner with a medical student, unless the student is working on a dual degree, such as an MPH, during the project)	No	Project coordination / project management, Conducting interviews, Basic statistical analysis and/or programing, Advanced statistical analysis and/or programing	Student researchers at the Center for Healthcare Engineering and Patient Safety (CHEPS) will contribute to applied health services research projects focused on improving healthcare delivery, access, and equity. Projects may involve analyzing clinical and operational data, developing decision-support tools, and collaborating with interdisciplinary teams that include faculty, clinicians, and health system partners. Students will gain hands-on experience translating quantitative and qualitative analyses into actionable insights for real-world healthcare settings. Opportunities are tailored to the student's background and may include work related to health policy, system performance, and health disparities.
Ashley Lacombe-Duncan	lacombed@umich.edu	School of Social Work	Master-level student, Doctoral-level student	No	Project coordination / project management, Conducting interviews, Literature reviews. Apart from the above mentioned skills, it would also be helpful if the applicant were competent and/or had some experience with IRB applications.	The student will work on a study that will develop and pilot-test an intervention with primary care providers (PCPs), focused on improving their knowledge, motivation, perceived competency, and behavioral intention to provide gender-affirming non-HIV sexually transmitted infection testing for transgender (trans) and gender diverse (TGD) people, as well as their self-reported practice of such care. The student will work on IRB application and amendments as needed, developing a first draft (prototype) of the intervention, and reviewing the prototype with topical experts (one-on-one meetings with our consultant team, focus groups with PCPs (n=8), and TGD persons (n=8), and semi-structured individual interviews with national leaders in TGD health education [n=5]). The student may also clean transcripts as needed and conduct preliminary rapid qualitative data analyses. If time, the student will also assist with revising the intervention.

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Asmaa Rimawi	Arimawi@med.umich.edu	Medical School	Undergraduate student, Master-level student, Doctoral-level student, Medical student (Please note, Medical School faculty cannot partner with a medical student, unless the student is working on a dual degree, such as an MPH, during the project)	Yes	Project coordination / project management, Literature reviews, Basic statistical analysis and/or programing, Writing manuscripts or grant applications. Willingness to learn and ability to meet deadlines are the only requirements	My project is on understanding demographics of patients discharged from the emergency department with acute kidney injury, as well as rates of follow up for these patients. Language preference will be specifically assessed and whether or not it impacts follow up rates. Students will assist with data clean up, project coordination, abstract writing, and manuscript drafting. If students are more interested in manuscript drafting, they will be offered the option of drafting manuscripts from pre-existing material pulled on this and similar topics.
Brad Zebrack	zebrack@umich.edu	School of Social Work	Undergraduate student, Master-level student, Doctoral-level student, Medical student (Please note, Medical School faculty cannot partner with a medical student, unless the student is working on a dual degree, such as an MPH, during the project)	Yes	Project coordination / project management, Conducting interviews, Basic statistical analysis and/or programing	This study will identify molecular pathways that represent potential targets for interventions to protect AYA survivors against the adverse biological effects of social isolation, socioeconomic disadvantage, and other psychological and social determinants of health in the highly stressful context of cancer. Its intent is to identify functional genomic pathways through which social and psychological factors influence gene regulation and alter health outcomes in AYAs; and, to define the role of such effects in structuring health disparities in post-treatment survivorship.

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Bradley Iott	biott@umich.edu	Medical School	Master-level student, Doctoral-level student	Yes	Conducting interviews, Writing manuscripts or grant applications, Qualitative data analysis. We are looking for a student who has experience with qualitative research.	This project is a qualitative study to assess patients' experiences and attitudes towards participating in social needs screening and referrals in health care settings. The student fellow will work with our team, MSHIELD, a statewide collaborative focused on identifying and addressing unmet social needs in health care settings to promote whole health for all people. MSHIELD partners with healthcare and community organizations across the state of Michigan, including 'community hub' organizations that coordinate social needs referrals among community-based organizations and Michigan 211, a statewide resource directory and referral platform that connects Michigan residents to over 27,000 community resources statewide. The student will help the team conduct patient interviews to better understand how screening and referral processes are communicated from the patient perspective, including testing different social needs screening language and framing, and potentially conduct qualitative data analysis of interview transcripts. The student will have the opportunity to be a co-author on a resulting academic manuscript and conference presentations.
Briana Mezuk	bmezuk@umich.edu	School of Public Health	Master-level student, Doctoral-level student, Medical student (Please note, Medical School faculty cannot partner with a medical student, unless the student is working on a dual degree, such as an MPH, during the project)	Yes	Project coordination / project management, Conducting interviews, Literature reviews, Communication and time-management	First fielded in 2001, the National Survey of American Life (NSAL) is a large (n~6000) nationwide study of mental health and cognitive aging among Black Americans that will be re-entering the field in the summer of 2026. In June/July 2026 we will be conducting an extensive pilot of all fieldwork procedures in three sites in Michigan (Detroit, Grand Rapids, and Kalamzoo) as final preparation for the nationwide launch in fall 2026. The student will plan a central role in all aspects of the NSAL pilot fieldwork including working with our Community Advisory Board and partner organizations to support re-engagement with participants, working with MICHHR to evaluate evaluating the experience of respondents and the multi-component fieldwork procedures, and aiding in implementing any changes to protocols identified by this pilot. This is a unique opportunity for students to gain direct hands-on experience in public health data collection and to be part of the NSAL legacy, which remains one of the only national health surveys of Black Americans ever

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Daphna Stroumsa	Daphnast@med.umich.edu	Medical School	Master-level student, Doctoral-level student, Medical student (Please note, Medical School faculty cannot partner with a medical student, unless the student is working on a dual degree, such as an MPH, during the project)	Yes	basic qualitative and/or quantitative methodologies - see below. Experience with qualitative interviewing / coding / analysis; and/or basic statistical analysis	This is an RCT to evaluate the impacts of a peer support intervention to improve outcomes among Trans people, perimenopausal women, women with PCOS, and other people on hormones. we will collect both survey and qualitative data (interviews). Student can be involved in collection or analysis phases of both of these methodologies.
Daphna Stroumsa	Daphnast@med.umich.edu	Medical School	Master-level student, Doctoral-level student	Yes	Literature reviews, Writing manuscripts or grant applications. And/or project coordination	The IMPACT Consortium is a new, first of its kind, multi-center consortium to study obstetric outcomes in transgender people. In the summer, having had two consortium meetings and having collected initial data, we will be writing up an expert perspective on common data elements to be able to pull together cross institution cross EHR data, and a description of the consortium and preliminary findings. The student will support or lead in the writing of our preliminary outputs, and work to advance the setup of the consortium (e.g website, shared protocols etc)
Dhanu Thiyag	dthiyag@umich.edu	Medical School	Undergraduate student, Master-level student, Doctoral-level student, Medical student (Please note, Medical School faculty cannot partner with a medical student, unless the student is working on a dual degree, such as an MPH, during the project)	Yes	Project coordination / project management, Conducting interviews, Literature reviews, Writing manuscripts or grant applications	There is a lot of intentional guidance that women and pregnant women should not be excluded from clinical trials, etc for multiple positive reasons. But there is limited information on this guidance from the point of view of patients/participants in these clinical trials. This question is applicable to both USA and low-resource settings with consideration of how viewpoints differ in these various places. The aim of this project is to conduct primary data collection to investigate this dynamic more.

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Elham Mahmoudi	mahmoudi@med.umich.edu	Medical School	Doctoral-level student	Yes	Advanced statistical analysis and/or programing, Writing manuscripts or grant applications. Knowledge and expertise about various Medicare policies, particularly differences between Medicare Advantage and traditional Medicare	Medicare is the primary health insurance for U.S. adults aged 65 and older, who must choose between traditional Medicare (TM) and Medicare Advantage (MA). Although some evidence suggests MA enrollees receive higher-quality care and experience fewer racial/ethnic disparities, it remains unclear whether these benefits extend to socioeconomically disadvantaged Black and Hispanic beneficiaries, who face a substantially higher risk of Alzheimer’s disease and related dementias (ADRD). These populations have more complex healthcare needs, receive less coordinated care and fewer preventive services, and are therefore at greater risk of potentially preventable hospitalizations and other adverse outcomes. This project will use 2017–2022 MA and TM claims data to examine racial/ethnic disparities in quality of care within and between MA and TM among beneficiaries with ADRD.
Emily Dove-Medows	dovemed@med.umich.edu	School of Nursing	Master-level student, Doctoral-level student, Medical student (Please note, Medical School faculty cannot partner with a medical student, unless the student is working on a dual degree, such as an MPH, during the project)	Yes	Project coordination / project management, Conducting interviews. Study Recruitment and Enrollment	The Co-Dec study will co-design and evaluate an animated provider training video designed to improve communication practices between maternity care providers and pregnant patients. Students working on this project will help with co-design sessions, mixed methods recruitment and enrollment and data collection. We will work with a co-design team comprised of providers and patients and an animation production company to create the video.

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Erin Kahle	ekahle@umich.edu	School of Nursing	Master-level student, Doctoral-level student, Medical student (Please note, Medical School faculty cannot partner with a medical student, unless the student is working on a dual degree, such as an MPH, during the project)	No	Basic statistical analysis and/or programing, Advanced statistical analysis and/or programing, Writing manuscripts or grant applications. Student should have experience cleaning and analyzing data in SAS.	MPIs: Erin Kahle & Ali Walsh (School of Nursing) Project description: Intimate partner violence (IPV) has been linked to poor outcomes across the HIV care continuum, yet research remains limited in gay, bisexual, and other men who have sex with men (GBMSM), a vulnerable population facing disproportionate, intersectional burdens of IPV, stigma, and adverse HIV outcomes. Socioecological models suggest that IPV may impact viral suppression through complex multilevel mechanisms involving mental health, behavior, and immune function and moderated by identity-based stigma and structural marginalization but to date there is little empirical evidence to support these hypothesized pathways. The goal of Project Bright, a 2-year prospective cohort study data of partnered GBMSM living with HIV completed in 2025, was to gain a better understanding of the mechanism by which IPV impacts HIV outcomes. The student on this project will work closely with MPIs Ali Walsh and Erin Kahle to address the project's primary aims and disseminate findings. This work will include advanced quantitative analysis (e.g., longitudinal analysis, moderation, mediation) and is intended to lead to co-authorship on a conference presentation and/or peer-reviewed publication. We are seeking a student with experience working in SAS who is interested in joining a small team of passionate social epidemiologists and health equity researchers and gaining hands-on experience analyzing complex longitudinal cohort study data.
Geoff Barnes	gbarnes@umich.edu	Medical School	Master-level student, Doctoral-level student	No	Project coordination / project management, Conducting interviews, Literature reviews, Basic statistical analysis and/or programing, Advanced statistical analysis and/or programing, Writing manuscripts or grant applications. Many different types of students with different competencies could contribute, and we would welcome any applicant interested in this project and health services research more broadly.	This research project focuses on right-sizing colon cancer screening by emphasizing the more efficient use of stool-based screening and only utilizing colonoscopies in a targeted manner after the screening has determined a level of risk. This research, which coordinates across numerous stakeholders (including primary care, gastroenterology, and patients), has the opportunity to achieve multiple impacts at the same time: 1) a better, less burdensome experience for patients, 2) a more efficient use of healthcare resources improving health system capacity/access, and 3) an opportunity to improve health system financial revenue by replacing screening colonoscopies with more complex procedures. We are hoping to engage a student interested in being involved in this type of work; this project just started so there are numerous opportunities to examine literature on the topic, conduct interviews with clinician stakeholders, organize key information, and help design the details of the intervention. If selected, the student would have a chance to integrate with the full project team that includes numerous physician faculty, health services researchers, and staff with expertise in project management and data analytics.

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Geoffrey Hoffman	gjh@umich.edu	School of Nursing	Doctoral-level student, Medical student (Please note, Medical School faculty cannot partner with a medical student, unless the student is working on a dual degree, such as an MPH, during the project)	No	Basic statistical analysis and/or programing, Advanced statistical analysis and/or programing, Writing manuscripts or grant applications	Since 2012, the Hospital Readmissions Reduction Program (HRRP) has penalized hospitals for excess, risk-adjusted 30-day readmissions among Traditional Medicare (TM) beneficiaries only, rather than both TM and Medicare Advantage (MA) enrollees. However, beginning in FY 2027, CMS will incorporate MA beneficiary data explicitly into calculations for risk-adjusted hospital readmission performance and will also shorten the HRRP “performance period” (in which excess readmissions are measured), from 3 to 2 years. This project will use historical MA Encounter and claims data from 2019-2022 to estimate the impact of this policy change on HRRP excess readmissions and penalties, overall and across hospital characteristics (including when considering alternative approaches that address upcoding and other distortions in MA Encounter data). The student will help with study design, analyses (using coded/cleaned MA Encounter and TM claims data), and manuscript development and publication dissemination.
Gurjit Sandhu	gurjit@med.umich.edu	Medical School	Undergraduate student, Medical student (Please note, Medical School faculty cannot partner with a medical student, unless the student is working on a dual degree, such as an MPH, during the project)	No	Project coordination / project management, Literature reviews, Basic statistical analysis and/or programing, Writing manuscripts or grant applications. Above items can also be taught within this role	This project explores the role preference signaling plays in the general surgery residency application process. Preference signaling was introduced in 2022-2023 as a way of letting a limited number of programs know that residency applicants are highly interested in them. It is separate from the traditional ranking process, as it happens when the application is submitted, whereas ranking takes place after a program visit. Our research team is interested in understanding how signaling is used by programs and applicants, so that there is consistency across residency programs. The student working on this project will conduct a scoping review of the literature on preference signaling across specialties (what is known – number of signals programs use, training required for use, etc., and gaps). They will also help develop surveys to administer to program directors and applicants / interns, analyze survey data, and help write an abstract and manuscript.

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HaEun Lee	haeunlee@umich.edu	School of Nursing	Undergraduate student, Master-level student, Doctoral-level student, Medical student (Please note, Medical School faculty cannot partner with a medical student, unless the student is working on a dual degree, such as an MPH, during the project)	No	Literature reviews, Basic statistical analysis and/or programing, Writing manuscripts or grant applications, Qualitative analysis. Students who have experience working with qualitative data analysis, synthesis, and reporting will be prioritized	This collaborative global health project brings together faculty from Nursing, Medicine, and Engineering to develop and pilot-test a rate-controlled medication infusion device designed specifically for low-resource settings, including Ghana. To address the critical need for infusion technologies that do not rely on electricity and are cheaper to purchase and maintain, our interdisciplinary team developed a fully mechanical, low-cost, rate-controlled infusion prototype, which is currently being tested at Korle Bu Teaching Hospital in Ghana. We are in the process of collecting comprehensive qualitative and quantitative data assessing the device's feasibility, acceptability, and appropriateness in clinical practice. We are seeking a motivated and dedicated student with interests in global health systems strengthening and equity-oriented technical innovation. The selected student will lead analysis of qualitative data gathered from Ghanaian healthcare providers, with the goal of informing iterative design improvements that better align with clinical workflows and end-user needs.
HwaJung Choi	hwajungc@umich.edu	Medical School	Master-level student, Doctoral-level student	No	Literature reviews, Basic statistical analysis and/or programing	The research project is to measure family care availability for U.S. older adults with high risk of functional limitation and assess their care transition. It uses a large, nationally representative household survey data of older adults. The student will help literature review/management and visualization of the outputs (tables, graphs, maps). Depending on the competencies on data analysis and statistics, the student may involve in univariate and bivariate analyses and potentially more advanced analyses such as spatial or survival analysis.

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Ivo Dinov	statistics@umich.edu	School of Nursing	Master-level student, Doctoral-level student, Medical student (Please note, Medical School faculty cannot partner with a medical student, unless the student is working on a dual degree, such as an MPH, during the project)	No	Basic statistical analysis and/or programing, Advanced statistical analysis and/or programing, Writing manuscripts or grant applications. Data Science and Foundational AI Models for Biomedical Informatics and Longitudinal Health Analytics.	This SOCR R&D project is open to UM graduate students pursuing MS/PhD/MD degrees. Over the summer, trainees will undergo rigorous translational training and actively participate in a mentored 10-week immersion into representation of longitudinal data as kime-surfaces, mathematical modeling of spacekime processes, data analytics, computational inference, building augmented intelligence agents (AIAs), and statistical learning using available imaging, genetics, and clinical case-studies. SOCR provides a powerful computational infrastructure, Cloud-services, and AI agentic consultant, which support active learning, effective team science, (a)synchronous communication, creative ideation, and innovation. This project will interrogate large, complex, multisource, time-varying, and incongruent biomedical and health datasets using statistical model-based methods and model-free data science, spacekime analytics, AI, and statistical-learning methods. Examples applications include progressive neurodegenerative disorders (e.g., ALS, Parkinson's, Alzheimer's), parsing of unstructured text (e.g., physician or nursing notes), and time-varying neuroimaging signals (e.g., fMRI). We will use supervised and unsupervised ML strategies and foundational generative AI models (GAIM's) to identify salient features in the data, forecast specific clinical outcomes, and explicate derived computable phenotypes. Open-source software electronic markdown notebooks (R/Python) will be used to generate end-to-end analytical protocols that will be validated and shared with the entire community. As appropriate, advanced mathematical techniques, e.g., symbolic computing, PDEs/SDEs, and functional analysis methods, may be used to model complex stochastic biomedical processes.
Jade Burns	curryj@umich.edu	School of Nursing	Undergraduate student, Master-level student, Doctoral-level student, Medical student (Please note, Medical School faculty cannot partner with a medical student, unless the student is working on a dual degree, such as an MPH, during the project)	Yes	Project coordination / project management, Literature reviews, Writing manuscripts or grant applications. Competencies will vary based on the applicant's level of training and education. All interns and summer fellows will receive appropriate training tailored to their experience level	This NIH-funded project seeks to improve sexual and preventive health outcomes among adolescents and young adults, particularly among young men, through community-based research in Detroit and surrounding areas. A pilot intervention will focus on new media, including targeted social media campaigns created by the community, EMR (to help track clinic metrics like uniform data services and visits by young men), and a mobile app to enhance STI screening, condom use, and engagement with healthcare services (in conjunction with a partnering university). The project will produce actionable recommendations to improve healthcare access and clinic utilization while addressing community-specific barriers. Students will be trained and gain hands-on experience with a federally qualified health organization and interdisciplinary clinical teams (meet with advanced practice nurses, physicians, behavioral health, executive/clinical leadership), developing skills in data analysis, digital outreach evaluation, behavioral change theory, IRB, scientific writing, and community-engaged research.

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Jim Dupree	jmdupree@med.umich.edu	Medical School	Undergraduate student, Master-level student, Doctoral-level student, Medical student (Please note, Medical School faculty cannot partner with a medical student, unless the student is working on a dual degree, such as an MPH, during the project)	No	Project coordination / project management, Literature reviews, Writing manuscripts or grant applications, Gathering data accurately from publicly available sources. You will be gathering data from CDC reports about in vitro fertilization (IVF) outcomes to be used in comparing outcomes between different types of fertility clinics	We estimate that private equity firms now own about a third of the in vitro fertilization (IVF) clinics in the country, and those clinics perform half of all IVF cycles in the country. Our team is interested in studying the influence of private equity acquisition of fertility clinics on IVF care. Your work would be helping us gather data on IVF outcomes from CDC reports for these clinics so we can analyze the impact on patients.
Jody Platt	jeplatt@umich.edu	Medical School	Undergraduate student, Master-level student, Doctoral-level student, Medical student (Please note, Medical School faculty cannot partner with a medical student, unless the student is working on a dual degree, such as an MPH, during the project)	No	Project coordination / project management, Literature reviews, Basic statistical analysis and/or programing	The Trust, Innovation, and Ethics Research for Responsible AI (TIERRA) aims to lead research and best practices on issues at the intersection of public trust and health information technologies. As part of this effort, the team supports the Michigan Health Information Technology Commission's newly established AI Task force. This task force drives strategic planning and partnership development to advance trustworthy AI for health systems. This internship will support the development of the Task Force by facilitating stakeholder meetings, documenting deliverables, and tracking policy developments through an online policy tracker. The intern will also work with TIERRA's research teams in ongoing research that informs this work (e.g., conducting literature reviews, data analysis and visualization, translating research findings). This role is ideal for students interested in health policy, AI governance, mixed methods research, and community engagement.

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Joseph Zickafoose	chear-csi@umich.edu	Medical School	Master-level student, Doctoral-level student, Medical student (Please note, Medical School faculty cannot partner with a medical student, unless the student is working on a dual degree, such as an MPH, during the project)	No	Project coordination / project management, Literature reviews, Basic statistical analysis and/or programing, Collaboration with senior data analyst, helpful but not essential to have familiarity with pharmacy claims and/or categories of drugs	Children's Special Health Care Services (CSHCS) is a program within the Michigan Department of Health and Human Services that provides support services and coverage for some specialty services for children and some adults with special health care needs. In this project, we will perform an analysis of CSHCS pharmacy claims to identify drivers of pharmacy spending for CSHCS enrollees with commercial health insurance. The student will work with the faculty investigator and a senior data analyst to use CSHCS claims data to: (1) identify CSHCS enrollees with commercial insurance, (2) describe CSHCS pharmacy spending for these enrollees, including the most common pharmacological categories and specific drugs, (3) compare pharmacy spending between CSHCS enrollees with commercial and public insurance, and (4) assess the proportion of overall CSHCS pharmacy spending for enrollees with commercial insurance. Depending on timing, interest, and skills, the student might have the opportunity to participate in presenting findings to CSHCS administrators.
Joseph Zickafoose	chear-csi@umich.edu	Medical School	Undergraduate student, Master-level student, Doctoral-level student, Medical student (Please note, Medical School faculty cannot partner with a medical student, unless the student is working on a dual degree, such as an MPH, during the project)	No	Project coordination / project management, Document review and data abstraction	Since 2016, state Medicaid programs have been permitted to use SDPs to implement targeted payment increases in Medicaid managed care to meet specific goals, such as increasing access to care or incentivizing improvements in the quality of care. In 2025, Public Law 119-21 (also known as the "One Big Beautiful Bill Act") included a provision to limit states' use of SDPs. The aim of this project is to describe Medicaid state directed payments (SDPs) that include services for children and identify whether these SDPs are likely to be affected by limitations placed by Public Law 119-21. This project will involve a review of documents published in the Centers for Medicare & Medicaid Services' (CMS') database of all approved SDPs and extraction of key data from the documents.

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Joyce Lee	joyclee@med.umich.edu	Medical School	Master-level student	No	Literature reviews, Advanced statistical analysis and/or programming	Title: Developing Data Pipelines for Integrated Analysis of Real-World CGM and Insulin Data. This project will focus on analyzing Continuous Glucose Monitoring (CGM) data from Michigan Medicine patients to better understand diabetes management in real-world settings. One of the key goals is to incorporate and summarize insulin usage data alongside CGM metrics, especially given updated guidelines for tracking this information in patient records. The student will help with a literature search to understand current best practices and will focus heavily on preparing the data for analysis. This involves extracting data, cleaning it, and writing code to merge glucose readings with insulin dosing information. We are looking for a student with strong programming skills in R and the ability to handle large datasets. Knowledge of SQL is a plus, as is any experience creating simple user interfaces or dashboards to help visualize the data.
Justine Wu	justinep@med.umich.edu	Medical School	Master-level student, Doctoral-level student	Yes	Project coordination / project management, Conducting interviews, Literature reviews, Basic statistical analysis and/or programming, Writing manuscripts or grant applications, Spanish fluency (preferred). Qualitative Data Analysis experience	This NIH-funded study (R01HD110570, PI Wu) is a mixed-methods, cluster randomized controlled trial assessing the effectiveness of "My Health, My Choice," a web-based tool that helps patients with health conditions make informed contraceptive decisions. The project also includes a pilot study of the tool among Spanish-speaking users. As part of the research team, the student will participate in patient recruitment, conduct patient interviews, assist with data collection and analysis, manuscript writing, and general study coordination. Applicants interested in ongoing involvement beyond the fellowship are encouraged to apply.
Kao-Ping Chua	chear-csi@umich.edu	Medical School	Master-level student, Doctoral-level student, Medical student (Please note, Medical School faculty cannot partner with a medical student, unless the student is working on a dual degree, such as an MPH, during the project)	No	Project coordination / project management, Advanced statistical analysis and/or programming	Dr. Chua's research focuses on slowing the U.S. opioid epidemic, improving the affordability of health care, reducing the use of low-value care, and identifying emerging trends in health care utilization among children and young adults. He is looking for students with interest in these areas, particularly those who have advanced programming or econometric skills in SAS, Stata, or R

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Kara Zivin	kzivin@umich.edu	Medical School	Undergraduate student, Master-level student	Yes	Project coordination / project management, Literature reviews, Writing manuscripts or grant applications	This qualitative health services research project will support the Parental Leave and Postpartum Mental Health (PLUM) Study to explore how parental leave policies shape postpartum experiences, mental health outcomes, and health care utilization among new mothers. Students will assist with participant recruitment, conduct and/or observe 60 minute semi-structure interviews, perform qualitative coding and thematic analysis, and contribute to literature reviews. Students will also participate in manuscript development and/or prepare a poster. This project will provide hands-on training in qualitative methods and maternal mental health research, with optional exposure to related projects within the Perinatal Mental Health Services and Policy Program.
Kayvan Najarian	kayvan@umich.edu	Medical School	Undergraduate student, Master-level student, Doctoral-level student	No	Literature reviews, Basic statistical analysis and/or programing, Writing manuscripts or grant applications. Students need to be interested in drug design and/or familiar with the overall process of drug design and assessment.	Students will conduct a survey on the AI-based drug design approaches and write a paper. They will also be guided to conduct some statistical analysis for the survey. Students may also be asked to help with the background section of a proposal related to this topic.
Kayvan Najarian	kayvan@umich.edu	Medical School	Undergraduate student, Master-level student, Doctoral-level student	No	Conducting interviews, Literature reviews, Basic statistical analysis and/or programing, Writing manuscripts or grant applications. Students must be interested in the use of Large Language Models (LLMs) in medicine.	Students will be asked to conduct a survey on the types and the impacts of LLM hallucinations when applied to medical applications. They will be asked to write a survey paper on this topic. They will also be guided to conduct some statistical analysis on the resulting data.

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Keith Feldman	keithfel@med.umich.edu	Medical School	Master-level student, Doctoral-level student	No	Basic statistical analysis and/or programming, Advanced statistical analysis and/or programming, Writing manuscripts or grant applications	This project will use advanced representation learning techniques to develop respiratory support profiles for neonates, integrating comprehensive EMR data and high-fidelity streaming monitor data (for selected patients). Students will actively design, implement, and validate computational models to analyze complex clinical and physiological datasets, working closely with both data and clinical teams. Dependent on timing and interest several research directions are possible. One centers on modeling patient trajectories during ventilator weaning, to predict extubation readiness with greater accuracy than traditional threshold-based approaches. Another direction aims to characterize respiratory profiles immediately following surfactant administration in infants with respiratory distress syndrome, identifying patterns associated with successful lung development. Student roles will include data preprocessing, feature engineering, model training, and interpretation of results for practical application in neonatal care.
Keith Feldman	keithfel@med.umich.edu	Medical School	Master-level student, Doctoral-level student	No	Basic statistical analysis and/or programming, Advanced statistical analysis and/or programming, Writing manuscripts or grant applications	Unlike nearly every other clinical and laboratory measure, in which reference ranges are used to delineate pathology, the interpretation of BT is anchored to fixed thresholds (e.g., 38.0°C/100.4°F as fever). Yet, fixed thresholds do not align with a large body of clinical evidence showing that an individual's BT varies in response to at least 20 clinical, demographic, and environmental factors (BT-relevant factors). Examples include age, outdoor temperature, medications, and time of day. This project aims to develop a computational framework to estimate a Precision Temperature Reference Range (PTRR) for use in two potential clinical situations: 1) reducing unnecessary neonatal lumbar puncture in febrile infants 2) more precisely estimating risk in febrile neutropenia cases. Rather than attempting to predict each condition directly (which would be unscalable, as it would require unique models and data for these and every future condition), we will use PTRR to estimate an expected healthy temperature range for an individual at the time of BT measurement, allowing clinicians to integrate this information into existing workflows. Students will contribute to the design and implementation of pilot studies using EMR data to build and validate the PTRR framework for one or both clinical scenarios, with specific tasks including data extraction, development of the processing and modeling framework (relationship modeling, range estimation, etc.), and evaluating the framework's performance.

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Kengo Inagaki	kengo@med.umich.edu	Medical School	Undergraduate student, Master-level student, Doctoral-level student, Medical student (Please note, Medical School faculty cannot partner with a medical student, unless the student is working on a dual degree, such as an MPH, during the project)	Yes	Project coordination / project management, Literature reviews, Basic statistical analysis and/or programing, Advanced statistical analysis and/or programing, Writing manuscripts or grant applications	Hepatitis C virus can be transmitted from mother to child during labor and delivery and can cause lifelong infection, which can be associated with various consequences such as chronic hepatitis, hepatocellular carcinoma, and social stigma. Highly effective antiviral therapy against hepatitis C virus has been used in adult patients in the last decade; the youngest age antivirals can be used is 3 years old. Thus, it is important to recognize hepatitis C infection in young children so that treatment can be given promptly when they are old enough. For many years, antibody testing performed at 18 months of age has been utilized for screening for hepatitis C in children, but this can result in loss to follow up because of the need to wait for 18 months to avoid detection of maternal antibody transferred during pregnancy which wanes over the course of 1-2 years. In 2023, CDC recommended PCR test performed at 2-6 months of age to replace antibody test to avoid loss to follow up and delayed diagnosis. However, data on trends of hepatitis C testing in infants are not available, although such data can inform health policies. In this study, the student will work on analysis of an administrative dataset and 1. describe the rate and timing of hepatitis C testing (antibody and PCR) in infants; 2. evaluate the impact of CDC recommendations; and 3. describe the racial and ethnic distribution of hepatitis C testing.
Kengo Inagaki	kengo@med.umich.edu	Medical School	Undergraduate student, Master-level student, Doctoral-level student, Medical student (Please note, Medical School faculty cannot partner with a medical student, unless the student is working on a dual degree, such as an MPH, during the project)	Yes	Project coordination / project management, Literature reviews, Basic statistical analysis and/or programing, Advanced statistical analysis and/or programing, Writing manuscripts or grant applications	Trend of Syphilis Treatment in the United States: Incidence of syphilis has increased substantially in the last decade. For treatment of syphilis, intramuscular penicillin G is recommended, but it has intermittently been on shortage. As an alternative, oral doxycycline has been recommended for low risk patients during shortage. Although both intramuscular penicillin G and oral doxycycline are acceptable options, oral doxycycline does not have as much evidence as penicillin G for syphilis treatment. For this reason, pregnant women and young infants are to be prioritized when the availability of penicillin is limited. However, data on the treatment trend for syphilis is not available although such data can help inform health policies. In this study, the student will work on analysis of an administrative dataset and 1. evaluate the rate of syphilis infection and treatment in the general and pregnant populations; 2. describe the trend of antibiotic therapy against syphilis; and 3. describe the racial and ethnic distribution of syphilis treatment patterns.

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Lauren Merz	lemerz@med.umich.edu	Medical School	Undergraduate student, Master-level student, Medical student (Please note, Medical School faculty cannot partner with a medical student, unless the student is working on a dual degree, such as an MPH, during the project)	Yes	Project coordination / project management, data cleaning. Attention to detail to identify relevant dates, labs, and medication administration and accurately record in REDCap	People identifying as Black or African American have worse outcomes in cancer care. They also have high rates of a genetic variant called "Duffy null" (66%) that is associated with lower ANC without risk for infection. We think that Duffy null patients have more chemotherapy dose-modifications resulting in lower relative dose intensity and inferior outcomes which partially drives disparities in cancer outcomes by race. You will help extract medication administration and laboratory data to answer this question as well as help with analysis, manuscript write-up, and implementation efforts (if interested).
Lauren Wallner	lwallner@med.umich.edu	Medical School	Undergraduate student	Yes	Literature reviews, synthesizing statistical output into tables/figures for manuscripts, helping to prepare dissemination materials (posters, slides), helping to coordinate/schedule interviews and focus groups	The SURVIVE-CRC study is a NCI-funded project focused on improving the quality of care for patients diagnosed with colorectal cancer under the age of 50. We are identifying disparities in this care, and designing care models to minimize those disparities and improve quality. The student will be involved in various aspects of the project, including conducting literature reviews, preparing dissemination materials for manuscripts, posters and presentations, summarizing data into tables and figures, and helping with some project coordination activities such as calling and scheduling focus groups and interviews with clinicians and patients.
Lianlian Lei	leilian@med.umich.edu	Medical School	Master-level student, Doctoral-level student	No	Literature reviews, Basic statistical analysis and/or programing, Advanced statistical analysis and/or programing	This project examines the dementia care provided between fee-for-service Medicare and Medicare Advantage using the newly released and nationally representative National Dementia Workforce Study with linked Medicare claims data. Specifically, we will examine whether clinician characteristics and clinicians' processes of care differ according to clinicians' shares of fee-for-service and Medicare Advantage patients. The student is expected to conduct literature reviews, perform data management and analysis, and assist in manuscript preparation.

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Lisa Kane Low	kanelow@umich.edu	School of Nursing	Doctoral-level student, Medical student (Please note, Medical School faculty cannot partner with a medical student, unless the student is working on a dual degree, such as an MPH, during the project)	Yes	Literature reviews, Basic statistical analysis and/or programing, Advanced statistical analysis and/or programing. The candidate would have access to a large data set to focus on perinatal patient reported experience measures	This project focus is to prepare literature reviews and conduct analysis with faculty and analyst support focused on Patient Reported Experience Measure from 68 OB hospitals from across Michigan who participate in a quality collaborative. The goal is to understand variation, predictors of varied outcomes of care and to begin to identify interventions and strateiges to improve health outcomes for all birthing families in Michigan.
Lisa Wexler	lwexler@umich.edu	School of Social Work	Master-level student, Doctoral-level student, Medical student (Please note, Medical School faculty cannot partner with a medical student, unless the student is working on a dual degree, such as an MPH, during the project)	Yes	Literature reviews, Writing manuscripts or grant applications, Using the CFIR Implementation framework to organize findings from a health disparity research project that is finishing up. Familiarity with implementation research would be a plus!	The summer project will focus on mapping findings from an implementation research study that piloted a strength-based, family-focused suicide lethal means reduction intervention in a health clinic in rural Alaska in 2024-25. The suicide prevention intervention, The Family Safety Net (FSN), was developed through a community-based participatory research process focused on reducing access to firearms in homes where a family member had a concern (Wexler, Apala Flahery, et. al., 2023; Sokol, et. al., 2025). Our underlying premise is that adults living with others who are experiencing mental health challenges will be receptive to taking preventative actions to make their homes safer to prevent suicide. The current project is focused on implementing FSN within a rural healthcare context and is supported by the Kaiser Permanente Gun Violence Initiative. The student intern would focus their time on (1) developing public-facing educational materials, (2) mapping findings from the pilot study onto the Consolidated Framework for Implementation Research (CFIR) to identify barriers and facilitators to implementation, and to describe key lessons from this study in relation to the CFIR domains, and (3) contribute to a publication highlighting pilot study findings.

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Maria Papaleontiou	mpapaleo@med.umich.edu	Medical School	Undergraduate student	No	Literature reviews, Chart review / Data entry	The objective of this project is to understand weight trajectories in patients with hypothyroidism who are biochemically euthyroid. The hypothesis is that there will be a larger weight change in this cohort compared to the population at large, but when adjusting for relevant covariates there will not be a difference. The student will work with a multidisciplinary team (ThyCARE) to conduct a literature review on the relationship between hypothyroidism and weight, and help a fellow with retrospective chart review and data entry of 500 patients. There will also be an opportunity for the student to participate in writing an abstract.
Mariaelena Boyle	boylema@med.umich.edu	Medical School	Undergraduate student, Master-level student, Doctoral-level student, Medical student (Please note, Medical School faculty cannot partner with a medical student, unless the student is working on a dual degree, such as an MPH, during the project)	No	Project coordination / project management, Conducting interviews, Literature reviews, Writing manuscripts or grant applications	My research focuses on understanding the economic impact and financial burden experienced by families after pediatric traumatic injury. Ultimately, my goal is to inform policy changes that reduce costs for patients, hospitals, and payers. For the summer student fellowship and internship program, I would expect that they work with me throughout all aspects of the research process. This would include project idea development, literature review, analytic plan development for quantitative projects, qualitative study design, qualitative interviewing, patient recruitment, data analysis, and project management. This work would culminate in presentations, publications, and health services/policy research experience for the student.

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Mary Janevic	mjanevic@umich.edu	School of Public Health	Undergraduate student, Master-level student, Doctoral-level student, Medical student (Please note, Medical School faculty cannot partner with a medical student, unless the student is working on a dual degree, such as an MPH, during the project)	Yes	Conducting interviews, Literature reviews, Basic statistical analysis and/or programing, Writing manuscripts or grant applications. Advanced statistical analysis skills welcome but not required.	We are conducting two RCTs ("STEPS" and "RESET") of behavioral interventions for underserved older adults, led by Community Health Workers, and conducted in collaboration with Detroit-based community partners. The STEPS trial is testing a chronic pain self-management program, and the RESET trial is testing an intervention to boost psychosocial functioning in the wake of the pandemic. Possible project tasks include data analysis (qualitative and quantitative), crafting a dissemination plan/public-facing dissemination materials, data monitoring and quality control, contributing to publications and/or grant proposals for a related study. Additional/individualized student research projects are also possible.
Matthew Diemer	diemerm@umich.edu	School of Education	Doctoral-level student	No	Basic statistical analysis and/or programing, Advanced statistical analysis and/or programing, Writing manuscripts or grant applications. - Proficiency in R-studio, with the mirt and/or lavaan packages (psych package is a possible replacement for lavaan if needed). Proficiency in MPlus instead of R & these packages is acceptable. Proficiency with IRT models for polytomous responses (e.g., questions that are attitudinal with Likert-type response scaling) and for dichotomous responses (i.e., classic correct/incorrect responses), as well as factor analyses.	Two projects that feature the use of IRT (Item Response Theory) methods to develop or refine measures are available for partnering interns/fellows. The first project will feature IRT methods to develop and refine a measure of women's sleep quality, supplementing this work with factor analyses (as needed). The second project will feature IRT methods to refine existing measures of cognitive ability among older populations, using an existing large-scale dataset. Partnering interns or fellows would carry out preliminary analyses of datasets, progressing to visualization of IRT curves and analyses, under the supervision and mentorship of the project PI.

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Melissa Creary	mcreary@umich.edu	School of Public Health	Master-level student, Doctoral-level student, Medical student (Please note, Medical School faculty cannot partner with a medical student, unless the student is working on a dual degree, such as an MPH, during the project)	Yes	Literature reviews, Basic statistical analysis and/or programing, Writing manuscripts or grant applications	Join our team of Public Health researchers working with the Children's Healthcare of Atlanta (CHOA) based in Atlanta, Georgia. CHOA has a specialty clinic called the Aflac Cancer and Blood Disorders Center, where they diagnose and treat Sickle Cell Disease. We also partner with Sickle Cell Disease Foundation of Georgia. Our project is focused on how Sickle Cell Disease impacts trust and hope in healthcare and the government for both parents of children and adults with Sickle Cell Disease. We are interested in how these narratives may inform local policy development for hospitals and state-based initiatives. We are looking for a student who has interest and experience in qualitative data analysis, paper writing (i.e. conducting and writing a formal literature review), prior experience with qualitative analysis software such as NVIVO, and interest in narratives about trust. The student will work with the project manager to attend regular meetings.
Michael Thompson	mthomps@med.umich.edu	Medical School	Undergraduate student, Master-level student, Doctoral-level student	No	Project coordination / project management, Literature reviews, Basic statistical analysis and/or programing, Advanced statistical analysis and/or programing, Writing manuscripts or grant applications	The student will support and collaborate on research focused on cardiac rehabilitation (CR) by working with national Medicare claims and statewide quality improvement data to evaluate patterns of CR use, outcomes, and barriers to participation. They will assist in the development and execution of research papers and grant applications, including assembling preliminary data, conducting literature reviews, and preparing analytic summaries. The role will also involve contributing to statewide quality improvement initiatives through the Michigan Cardiac Rehab Network and supporting proposals and projects aimed at strengthening CR programs in partnership with AACVPR. Through this work, the student will gain experience in health services research, data analysis, and real-world quality improvement.

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Michelle Moniz	mmoniz@med.umich.edu	Medical School	Master-level student, Doctoral-level student, Medical student (Please note, Medical School faculty cannot partner with a medical student, unless the student is working on a dual degree, such as an MPH, during the project)	Yes	Project coordination / project management, Literature reviews, Basic statistical analysis and/or programming, Writing manuscripts or grant applications. Competencies are desired, but we can teach you if you haven't had time to learn these skills yet!	The Obstetrics Initiative is a statewide collaborative of 68 hospitals seeking to improve outcomes for all after childbirth. We seek a highly motivated student to join a project examining the relationship between the quality improvement actions taken by hospitals and their QI initiative outcomes, using longitudinal data from a statewide hospital survey. The project may also incorporate qualitative (interview) methods, based on the student's interests.
Molly Hunter	huntmary@med.umich.edu	Medical School	Undergraduate student, Master-level student	No	Project coordination / project management, Basic statistical analysis and/or programming, Writing manuscripts or grant applications. Applicants should be detail-oriented and comfortable working with medical records or health data. Familiarity with basic data entry, RedCap (or similar), and an interest in clinical research or healthcare are preferred; prior experience with patient chart review is a plus but not required.	This project seeks to characterize clinical phenotypes and evaluate long-term outcomes in older adults (age 65+) following burn injuries, using comprehensive data from the University of Michigan Burn Center Registry and Medicare claims. The student will help collect and analyze multidimensional clinical data—including nutritional status, frailty, cognitive function, comorbidities, and healthcare utilization—from registry and electronic medical records. Through systematic chart review and data abstraction, the student will examine how these patient factors influence recovery, one-year mortality, and functional outcomes after burn injury. The ultimate goal is to generate new insights into personalized geriatric burn care and rehabilitation strategies.

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Nari Yoo	nariyoo@umich.edu	School of Social Work	Master-level student, Doctoral-level student, Medical student (Please note, Medical School faculty cannot partner with a medical student, unless the student is working on a dual degree, such as an MPH, during the project)	Yes	Project coordination / project management, Conducting interviews, Literature reviews, Basic statistical analysis and/or programing, Advanced statistical analysis and/or programing, language skills (Spanish, Chinese, Korean, Vietnamese, Arabic)	This project examines the use of AI-enabled tools to improve language access in mental health service settings, with a focus on immigrant and linguistically diverse populations. Students will assist with qualitative data collection through interviews with service users and providers, as well as survey administration and analysis examining acceptability, perceived usefulness, and implementation challenges. Additional responsibilities include literature reviews on language access, digital mental health, and health equity, and participation in qualitative and quantitative data analysis. The project emphasizes interdisciplinary health services research and contributes to ongoing discussions on equitable AI integration in mental health care.
Paul Chandanabhumma	pchandan@med.umich.edu	Medical School	Master-level student, Doctoral-level student	Yes	Project coordination / project management, Literature reviews, Basic statistical analysis and/or programing,	We are seeking a graduate student to assist with a multidisciplinary, community-engaged, mixed methods research project (PI: Dr. Chandanabhumma) that seeks to promote climate resilience and health equity across communities. This IHPI-funded project aims to strengthen the capacities of community health workers (CHW) to help low-income, racially and ethnically diverse individuals with chronic diseases prepare for extreme heat events as well as adopt energy-efficient cooling practices. The student will assist with key project tasks, including designing an educational curriculum and associated web-based toolkit, developing and analyzing multi-methods assessment surveys, and organizing community-oriented webinars to disseminate the findings (see potential activities for more detail). Reflecting the team's flexible, virtual work culture, these activities can be completed remotely. We encourage students who are underrepresented in health sciences and/or have a strong interest in participatory mixed methods approaches to apply. Qualifications for this project: • Master-level or doctoral-level student in public health or related field • Familiarity with quantitative, qualitative, and mixed methods research • Interest in human-centered design, community engagement, and translational research • Interest in partnering with community health workers, patient and clinical partners in a community-engaged research project • Proficiency in computer and data analysis software (e.g., Microsoft Office, Zoom, Dropbox, R, MAXQDA, Photoshop/Canva; experience with webpage design is a plus) • Experience in working collaboratively with academic and community partners • Organized, quick to adapt, and able to work remotely and independently

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Philippa Clarke	pjclarke@umich.edu	ISR	Undergraduate student, Master-level student, Doctoral-level student, Medical student (Please note, Medical School faculty cannot partner with a medical student, unless the student is working on a dual degree, such as an MPH, during the project)	No	Literature reviews, Basic statistical analysis and/or programming, Advanced statistical analysis and/or programming, data management, citation management, data visualization, GIS	This project creates a comprehensive LGBTQ+ neighborhood dataset for health disparities research. The student will conduct literature reviews on LGBTQ+ neighborhood environments and health, assist with developing proximity-based indices for healthcare access and community resources, and help document methods for secure data publication in restricted-access enclaves.
Rahul Ladhania	ladhania@umich.edu	School of Public Health	Undergraduate student, Master-level student, Doctoral-level student	No	Literature reviews, Basic statistical analysis and/or programming, Advanced statistical analysis and/or programming, Drafting tables/figures, writing results sections. The student should be comfortable cleaning and working with structured datasets and statistical software (preferably R or Python), and translating findings into tables, figures, and written summaries. Prior exposure to causal inference, randomized experiments, or health services research is strongly preferred but not required for undergraduate or master's-level applicants.	This project analyzes data from a randomized controlled trial we are conducting in partnership with Amazon One Medical in Spring 2026, evaluating a sequential digital, behavioral science-informed intervention to increase engagement with recommended primary care preventive services. By the start of the summer fellowship, outcome data from the trial will be available, allowing the student to focus on data cleaning, causal analysis, and interpretation of experimental results. The student will contribute to figures, tables, and manuscript drafts, and will also participate in the design of a follow-up experiment with One Medical to refine and scale effective nudging strategies. The project offers hands-on experience in applied health services research at the intersection of health policy, causal inference, and real-world healthcare delivery.

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Samir Gadepalli and Jeremy Adler	chear-csi@umich.edu	Medical School	Undergraduate student, Master-level student, Doctoral-level student, Medical student (Please note, Medical School faculty cannot partner with a medical student, unless the student is working on a dual degree, such as an MPH, during the project)	No	Project coordination / project management, Basic statistical analysis and/or programming	This project will provide a student intern with the opportunity to work with a pediatric gastroenterologist, a pediatric surgeon, and their research team on analysis of a large clinical database created from chart reviews of care for children with inflammatory bowel disease (IBD). One in 5 children with inflammatory bowel disease will need surgery and postoperatively it is unclear who will need to restart medications and timing. In addition, when penetrating intraabdominal complications occur, delays in surgery may avoid the need for an ostomy (or diversion of stool into a bag), but we do not know if medications alone, drainage alone, enteral therapy, or alternate strategies have the best outcomes. Finally, as newer medications enter the market, we do not know if the approach to surgery will need to change and what potential complications can occur from wound healing or infections secondary to use of immune modulating medications.
Samuel Bagenstos	sambagen@umich.edu	Law School	Undergraduate student, Master-level student, Doctoral-level student	No	Literature reviews, Writing manuscripts or grant applications	I am working on a project that proposes various efforts to expand public provision in our health care system. Two of those proposals are: (1) creating a public option for prescription drug coverage for Medicare beneficiaries; and (2) developing capacity for government entities to manufacture generic drugs and sterile injectables. The project will address legal, practical, and political obstacles to these proposals. I would like a student to assist me with pulling together and summarizing the literature in these two areas.
Shawna Smith	shawnana@umich.edu	School of Public Health	Master-level student, Doctoral-level student	No	Literature reviews, Basic statistical analysis and/or programming, Writing manuscripts or grant applications	This summer fellowship will offer students hands-on experience conducting mental health service and implementation research as part of the Mental Health Improvement through Community Colleges (MHICC) initiative, which works in partnership with Michigan community colleges to to improve the availability, accessibility, and equitable distribution of mental health resources for students across the state. Fellows will leverage data collected through several projects within the MHICC initiative to meaningfully contribute to the generation of multiple reports and academic manuscripts, utilizing student level data, institutional level data, and mixed-methods evaluation data of a capacity building pilot program. This project offers the opportunity to work independently while contributing to community-partnered mental health service and implementation science research.

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Shirley Cohen-Mekelburg	shcohen@med.umich.edu	Medical School	Master-level student, Doctoral-level student	No	Project coordination / project management, eager to learn, take part in patient-centered research	We are conducting a pilot randomized controlled trial of a digital self-management intervention for patients with inflammatory bowel disease. This trial involves randomization and allocation of intervention, collection of study questionnaires, and post-intervention interviews. We have a study coordinator who is primarily responsible for day-to-day study activities, but this is an opportunity for a student to get involved in a clinical trial, and assist with recruitment, screening, data collection, and conducting interviews, as well as troubleshooting the digital intervention.
Susan Woolford	chear-csi@umich.edu	Medical School	Undergraduate student, Master-level student, Doctoral-level student, Medical student (Please note, Medical School faculty cannot partner with a medical student, unless the student is working on a dual degree, such as an MPH, during the project)	Yes	Project to be aligned to student's skills and interests	Dr. Woolford's research focuses in two main areas: pediatric weight management and child health equity. In particular, Dr. Woolford's weight management research focuses on the use of communications technology to enhance patient engagement and adherence to treatment recommendations. A major component of her health equity work is the Program for Equity in Adolescent & Child Health, an innovative research and improvement program committed to excellence in health care and experience for all kids through work with a wide range of clinical specialties. Dr. Woolford will work with an interested student to identify a project within one of these areas that aligns with the student's skills and interests.
Tammy Chang	tachang@med.umich.edu	Medical School	Undergraduate student, Master-level student, Doctoral-level student, Medical student (Please note, Medical School faculty cannot partner with a medical student, unless the student is working on a dual degree, such as an MPH, during the project)	Yes	We will train all students in the skills they will need. They just need to come with a passion to learn.	MyVoice is a nationwide poll of youth age 14-24 years with the goal of elevating youth voice to improve policies and practices that impact youth. www.hearmyvoicenow.org We send weekly open-ended surveys to youth across America to understand their lived experiences on salient health policy topics. These include sexual health, gun violence, mental health, food access, AI, and more. Students who work with us gain skills in survey development, policy analysis, qualitative analysis, scientific writing, and team science. Students with a passion for health policy topic related to adolescents and young adults would be a great fit.

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Yesim Orhun	aorhun@umich.edu	Ross Business School	Master-level student, Doctoral-level student	Yes	Advanced statistical analysis and/or programing. R and Python, textual analysis (NLP)	We are seeking a student with CS and/or NLP experience to help with a research project on physician decision-making in the primary care setting. A literature has established that clinical decisions may be affected by time constraints. We utilize a unique study design to understand the causal implications of time constraints for these clinical decisions. We are now interested in using textual data from clinical notes for a more granular understanding of the drivers of these clinical decisions. The student will have hands-on experience with rich textual data as well as exposure to more traditional causal inference econometric methods useful for any student interested in CS, economics, data science, and/or public health.
Yun Jiang	jiangyu@umich.edu	School of Nursing	Undergraduate student, Master-level student, Doctoral-level student	Yes	Literature reviews, Advanced statistical analysis and/or programing, Writing manuscripts or grant applications. R or Python programing, machine learning-based modeling, LLMs	This project integrates structured and unstructured EHR data with pharmacy fill data, geolocation data, and other real-world data to explore the dynamic nature of symptom experience and medication adherence behaviors in cancer patients and survivors, with a particular interest in the impact of multilevel social determinants of health on cancer care disparities related to symptom and comorbidity management and treatment adherence.