

# Advanced Health Systems Science Learning Opportunities

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## Health System Science Master's Program

### Health Systems Science Masters' Program:

- Align with training and experience of health professions learners and providers
- Develop competencies to improve care.
- Integrate within a four-year flexible MD curriculum
- Blend with a sub-focus on population health
- Offer initial certificate option with extension to a master's degree



## Grant Team Members

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## Community Outreach/Service Learning Curriculum

### Community Outreach/Service Learning Curriculum:

- Student elective
- Focus on skills in community outreach
- Immersive experience with underserved populations

### Rationale:

- Gaps exist between key needs identified in the Community Health Needs Assessment (CHNA) and the formal student curriculum.
- Three CHNA key concerns/priority areas are behavioral health, healthy lifestyles and chronic disease management.
- Key concerns in managing chronic disease include modifiable factors that could potentially be part of a service learning curriculum: lack of transportation, care coordination and transition between providers, patient compliance and self-management impacted by language barriers, cultural habits, family support and cost.
- Authentic engagement with community health needs is critical to meaningful learning in several core domains of Health Systems Science – in particular Social Determinants and Population Health.

### Overview:

- Goal of gaining hands on experience with the opportunities, barriers, successes, and frustrations of community-based efforts.
- Elective opportunity guided by faculty and administrative leadership connected to specific sites.
- Regular reflective exercises
- Final project focusing on lessons learned and enduring skills for future community-based collaboration.



## Mentored Student Mini-Grants

### Health Systems Science Mentored Mini-Grant Program:

- Mini-grants (up to \$2000) for students to develop medical student research (MSR) projects related to health systems science core domains including:
  - Health care structure and processes
  - Health care policy, economics and management
  - Clinical informatics/health information technology
  - Population health
  - Value-based care
  - Health systems improvement

### Students may choose from the following project options, or undertake another project of their choice:

- **Option 1:** Apply the principles of Design-Thinking, Human-centered Collaborative Design, or User-Oriented Collaborative Design to the creation of a community-based project to improve health outcomes.
- **Option 2:** Join an ongoing project that provides opportunities for the student to add value.
- **Option 3:** Develop a patient-education workshop with specific focus on relevant areas of Social Determinants, Disparities, or an important health issue unique to that community.
- **Option 4:** Other (students chooses deliverable and receives approval from faculty)

## Institutional Contact

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