Health Systems Science Across the Med Ed Continuum

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Consortium projects in CWRU Context

- 1. Systems and Scholarship Curriculum
- Implemented year-long population health curriculum
- Engages students in analysis of datasets to answer focused questions
- Teaches that physicians are leaders who bring the patient into every conversation/meeting
- 2. Undergraduate Medical Education Community-Based Patient Experiences
- · Aging in Place, Patient Navigator, I-LEAP
- Engage students in small groups at community sites-adding value to patients
- Assess student competencies in health systems science and interprofessional teamwork
- Challenge remains scalability with large class size and increased interprofessional expansion

Grant team members

- Patricia Thomas, MD, FACP; Vice Dean for Medical Education and Principal Investigator
- 2. Mamta Singh, MD, MS; Assistant Dean for Health System Science
- Amy Wilson-Delfosse, PhD; Associate Dean for Curriculum
- 4. Heidi Gullett, MD, MPH; HSS Faculty
- 5. Klara Papp, PhD; Director of Student Assessment and Program Evaluation

CWRU Curriculum Design

Brief curricular overview: Block 1 – Becoming A Doctor, Foundational HSS Course

- Week 1: Population Health
- · Week 2: Determinants of Health
- Week 3: Health Systems
- Week 4: Patient-centered care
- Week 5: Culminating week
- Techniques: IQ, TBL, simulation
- Assessment of Health Systems Science content
- Benefits: Early introduction to Health Systems Science leads to engagement and desire to apply new skills
- Challenges: Scaling practical HSS activities for large class longitudinally

Patient Navigator Program: Early evaluation results

- Effective in teaching HSS core domains and systems thinking after building upon Block 1 foundation
- Population health, quality improvement and value-based care were consistently linked with systems thinking

Determinants of Health through community engagement

Need/Gap Addressed

Systems and Scholarship Curriculum

Areas of Expertise and Interest

2. Equity, Diversity and Inclusion in medical education curriculum

3. Teaching Population Health and

1. Health Systems Science Assessment

- Addresses challenge of teaching practical elements of population health and determinants of health
- Expands existing community-based experiences as interprofessional teams of students
- Partnership with MetroHealth System, county/public hospital system, uses EPIC and is rich in data for student use
- Students address practical issues raised in Block 1 and apply newly acquired population health skills

Institutional Contact

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