

Scholarly Concentrations: A Novel Platform for Delivery of Health Systems Science Exposure and Highlight Unique Learning Environments Across the Nine Campuses of Indiana University School of Medicine

Bradley L. Allen, MD, PhD; Deb Birnbaum, MBA; Daniel R. Corson-Knowles, Maureen A. Harrington, PhD; MD; Paul M. Wallach, MD

PROBLEM

Rapidly evolving challenges in health care mandate changes in the way health care professionals are educated. How do we integrate the need for new and different content?

SOLUTION

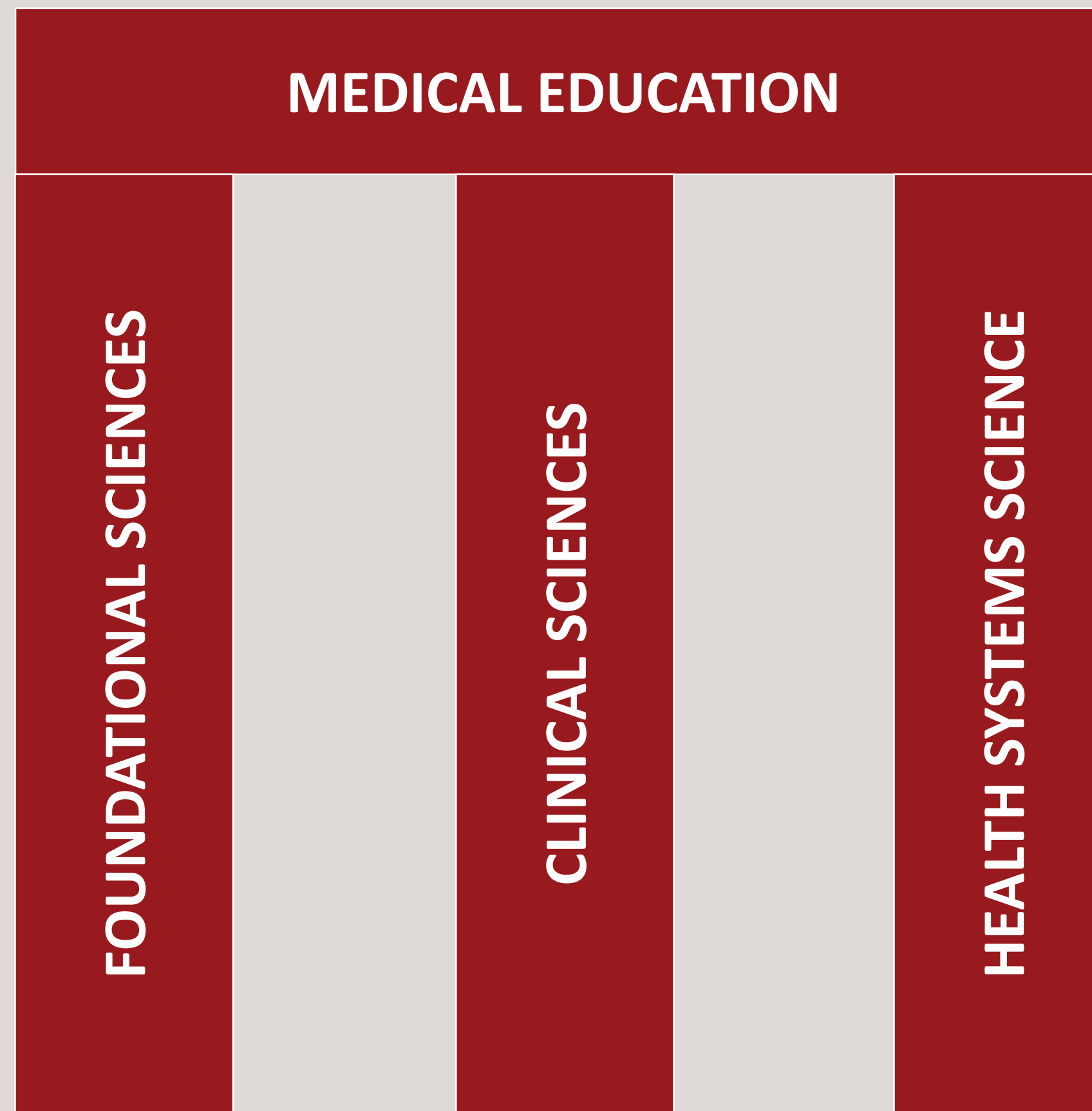
Integrate new content known as Health Systems Science into Scholarly Concentrations



SCAN ME

Health System Science

Being called the 3rd leg of modern medical education to complement the foundational and clinical sciences curricula



Health Systems Science Curriculum Topics¹

Health care delivery system
Health care policy & economics
Clinical informatics/Health IT
Population health
Value-based care
Health system improvement
Leadership & change agency
Teamwork & IPE
Evidence-based medicine & practice
Professionalism & ethics
Socio-ecologic determinants of health



SCAN ME

SCHOLARLY CONCENTRATIONS

Educational enhancement through coursework and scholarly work



- BLOOMINGTON**
 - Human Sexuality and Health (Kinsey Institute)
 - Medical Education
 - EVANSVILLE**
 - Quality and Innovation in Health Care (health care systems)
 - FORT WAYNE**
 - Health Integration and Healthy Aging (health care systems)
 - INDIANAPOLIS**
 - Biomedical Research
 - Genetics in Medicine
 - Health Information Technology (Regenstrief Institute)
 - MUNCIE**
 - Health Promotion and Disease Prevention (BSU Clinical Exercise Physiology Program)
 - NORTHWEST-GARY**
 - Urban Medicine and Health Care Disparities (community partners)
 - SOUTH BEND**
 - Ethics, Equity and Justice (Notre Dame)
 - TERRE HAUTE**
 - Rural Health (rural health systems)
 - WEST LAFAYETTE**
 - Biomedical Engineering and Applied Medical Technology (Purdue Weldon School of Biomedical Engineering)
 - Care of Hispanic/Latino Patients
 - STATEWIDE**
 - Business of Medicine* (Kelley School of Business)
 - Public Health* (Fairbanks School of Public Health)
 - Medical Humanities* (Medical Humanities and Health Studies, School of Liberal Arts)
- *Based in Indianapolis but available from any campus.

STUDENT COMMENTS:

3.6 - Average overall quality of student educational experience in these courses (4-point scale)

"[Professors] really took the time to make sure that we understood the concepts of the readings and how they applied to the healthcare setting"

"Very educational and fun"

Delivery of Health Systems Science throughout Scholarly Concentrations

SCHOLARLY CONCENTRATIONS	HCD	POL	IT	POP	VBC	IMP	LEA	IPE	EBM	PRO	SDH
BME-AMT			X		X	X			X		
Business	X	X					X				
Hispanic Care	X			X	X			X			X
Ethics	X	X		X			X	X	X	X	X
Genetics			X	X	X				X		
Health Promo	X	X		X	X	X		X	X		X
Health IT	X		X	X	X		X		X		X
Health Integration/Aging	X	X		X			X	X	X		X
Human Sexuality	X	X		X			X	X	X	X	X
Humanities							X	X		X	X
Public Health	X	X		X	X	X		X	X		X
Quality & Innovation	X		X	X	X	X	X	X	X		X
Rural Health	X	X		X	X	X		X	X		X
Urban	X	X		X	X	X	X	X	X		X

References | ¹ Susan E. Skochelak, Richard E. Hawkins, Luan E. Lawson, Stephanie R. Starr, Jeffrey M. Borkan, Jed D. Gonzalo, AMA Education Consortium, Health System Science, Elsevier, 2017