

ZSOM CURRICULUM RENEWAL RETREAT



DONALD AND BARBARA
ZUCKER SCHOOL of MEDICINE
AT HOFSTRA/NORTHWELL

THE VOICES OF HOFSTRA UNIVERSITY

What we asked:

- What kind of undergraduate premedical curricula would best prepare future medical students for medical education in 2035 and beyond?
- What educational innovations have you made that you would recommend exporting to ZSOM?
- What are potential areas for further inter-school, inter-departmental collaborations in the future?

SCIENCE AND TECHNOLOGY

Preparation/premed curricula

- Ensure students are proficient in technology skills but understand potential risks
- Prepare students for data analysis using authentic data
- Ensure students are trained in biostatistics and data analysis
- Explore the intersection between climate change and health

Educational innovations

- Make learning how to code an undergraduate requirement

Inter-school, inter-departmental collaborations

- Host a course or forum on the role of Artificial Intelligence in medicine

INTERPROFESSIONAL AND INTERDISCIPLINARY COLLABORATION AND EDUCATION

Preparation/premed curricula

- Expand opportunities for inter-professional/interdisciplinary collaboration in education and research
- Create opportunities for an exchange of ideas and knowledge between ZSOM and other schools/departments
- Improve understanding of business aspects of medicine
- Consider using the Lifestyle Medicine-Sustainability space as an organizing theme for campus-wide collaborative initiatives
- Incorporate ethics and philosophy into inter-professional education
- Provide leadership training and opportunities

Educational innovation

- Use Full Code Medical Simulation to promote inter-professional education

Inter-school, inter-departmental collaborations

- Leverage opportunities for inter-school/department research
- Develop a universal design of courses that opens availability to many students across departments/schools
- Promote dual degree opportunities at both the undergrad and grad level

LEARNING AND METACOGNITION

Preparation/premed curricula

- Guide students in developing self-regulated learning skills

Inter-school, inter-departmental collaborations

- Develop a forum whereby innovations in pedagogies, particularly those that promote independent, critical thinking are explored

COMMUNICATION AND HEALTH EQUITY

Preparation/premed curricula

- Ensure premed students enroll in courses where they will develop the writing and communication skills needed to successfully practice medicine
- Introduce undergraduate students to social determinants of health
- Facilitate student exploration of health inequities, the role of implicit bias, and conflict resolution
- Learn to practice cultural humility
- Explore bioethics in the context of US and global health and healthcare

Educational innovations

- Develop a sociology track for premedical students
- Engage regional organizations and their leaders who are healthcare oriented in their community engagement
- Engage with the drama club/department to enact patient scenarios to promote empathy and communication skills

Inter-school, inter-departmental collaborations

- Collaborate in community service
- Develop service-learning projects