

Department of Science Education



DONALD AND BARBARA
ZUCKER SCHOOL of MEDICINE
AT HOFSTRA/NORTHWELL®

Joanne Willey, PhD

Leo A Guthart Professor of Biomedical Science and Chair

Associate Deans for Education



*Samara Ginzburg, MD
Vice Dean and Dean
for Education*



Judith Brenner, MD
Associate Dean for
Educational Data and
Analytics



*R. Ellen Pearlman, M.D.,
F.A.C.H., Associate Dean for
Professionalism & Doctoring
Skills*



Diversity, Equity & Inclusion



*Robert Roswell, MD
Associate Dean, DEI*



*Catherine Bangeranye, PhD
Associate Dean, DEI and
Professional Development*



*Johanna Martinez, MD
Assistant Dean, Community
Engagement*



*Gina Granger, MEd
Assistant Director, Pipeline
Programs*



First 100 Weeks

- **Each course has multiple components**
 - Mechanisms of Health Disease and Intervention
 - Physiology & Pathophysiology
 - Pharmacology
 - Structure
 - Ultrasound/PD
 - Patient Physician and Society
 - Communications
 - Ethics
 - Clinical Epidemiology
 - Clinical Skills
 - Ambulatory Clerkships
 - Initial Clinical Experience (ICE)



***Marie Petrizzo, MD
Assistant Dean for
Medical Education
W227***

Year 1

Aug 1	Oct 1	Jan 2	April 1	June 15
From the Person to the Professional: Challenges, Privileges, and Responsibilities (CPR)	The Biologic Imperative (BI)	Continuity and Change: Fueling the Body (FTB)	Continuity and Change: Homeostasis (HOM)	
Form & Function in Health and Disease, Introduction to Organ Systems, Principles of Pharmacology, Core Clinical Skills	Cell, Molecular, and Developmental Biology, Genetics, Reproductive and Endocrine Systems, Cells of Hematologic System	Metabolism, Gastrointestinal System	Cardiac, Pulmonary, Renal Systems	
ICE-EMT Certification	ICE-Medicine, OB/GYN	ICE-Medicine, OB/GYN, Surgery	ICE-Medicine	
Reflection, Integration & Assessment	Reflection, Integration & Assessment	Reflection, Integration & Assessment	Reflection, Integration & Assessment	Reflection, Integration & Assessment Summer Vacation Experiences

Students take 4 courses in the first year; 2 prior to winter break; 2 following winter break

>90% of students participate in research in summer between years 1 & 2

Year 2

Interacting with the Environment (IE)	Host Microbe Interactions (HMI)	The Human Condition (HC)	USMLE Step 1 Independent Study Period	TRANSITIONS
Immunology, Rheumatology, Musculoskeletal System	Microbiology, Microbiome, Infectious Disease	Nervous System, Brain and Behavior		
ICE-Pediatrics	ICE-Pediatrics	ICE-Medicine, Psychiatry		
Reflection, Integration & Assessment	Reflection, Integration & Assessment	Reflection, Integration & Assessment		

Students take 3 courses in year 2, 2 before winter break and 1 following. They then have 6 weeks to study for and take Step 1. This is followed by a 2-week transitions to clinical clerkships course

First 100 Weeks – MS1 Courses

Challenges, Privileges, and Responsibilities



Tom Kwiatkowski, MD
W216



Zeinab Nasrallah, PhD
W218



Bill Rennie, MD
W217

Fueling the Body



Catherine Bangeranye, PhD



Matthew Whitson, MD
Northwell clinician



Rob Lucito, PhD
W205



Ellen Miller, MD
E103



Joanna Rhodes, MD
Northwell clinician

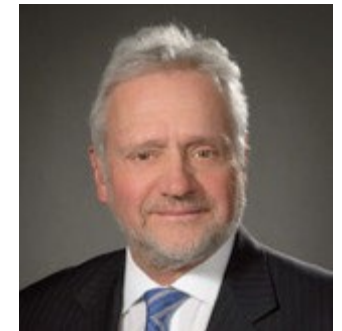
Biological Imperative



Li Ma, MD, PhD
W208



Aaron Gindea, MD
Northwell clinician



Alessandro Bellucci, MD
Northwell clinician

Homeostasis

First 100 Weeks – MS2 Courses

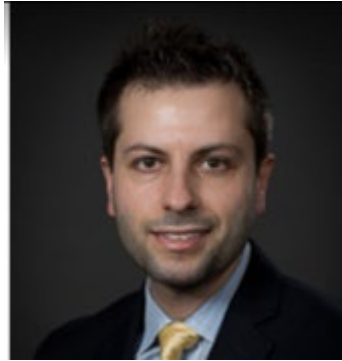
Interacting with the Environment



Joel Stern, PhD
W209



Gigi Barilla Labarca, MD
Northwell clinician

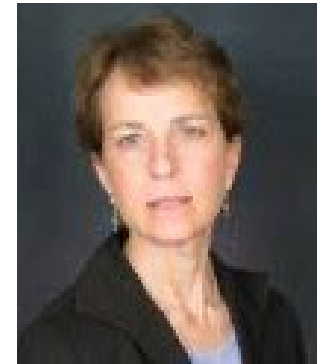


Sergey Rekhtman, MD
Northwell clinician

Host-Microbe Interactions

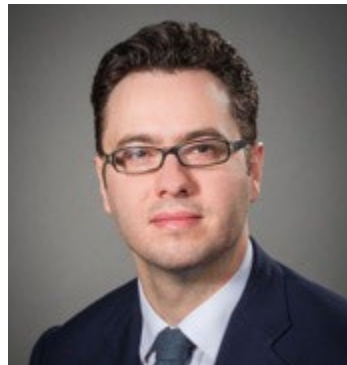


Tom Kwiatkowski, MD
W216



Joanne Willey PhD
W207

Human Condition



Stavros Zanos, MD, PhD
Feinstein Scientist



Ron Kanner, MD
W226



Zeinab Nasrallah, PhD
W218

Longitudinal Curricular Component: PEARLS



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David Elkowitz, DO
W249



Susan Deutsch, MD
W221



Longitudinal Curricular Component: Structure



Robert Hill, PhD

W215

All structure faculty are in
Pod 2



Top row left to right: David Elkowitz, DO, Bill Rennie, MD, Zeinab Nassarallah, PhD, Rosemary Bassey, PhD
Middle row: Vanessa Reddin, PhD, Brian Pinard, MD, Bottom row: Shannon Knutson, MS, Stuart Bohrer, MD

Longitudinal Curricular Components: Patient, Physician & Society (PPS) and Clinical Skills

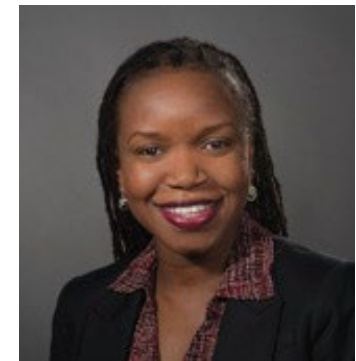


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Patient, Physician, & Society (PPS)



Marie Petrizzo, MD
W227



Lyndonna Marrast, MD
W221

Clinical Skills



Gabrielle Goldberg, MD
W229



Liz Fiorino, MD
W228

Longitudinal Curricular Component: Ambulatory Clerkships - ICE and CC



Initial Clinical Experience (ICE)
FOW



Continuity Clinic (CC)
SOW - year 3

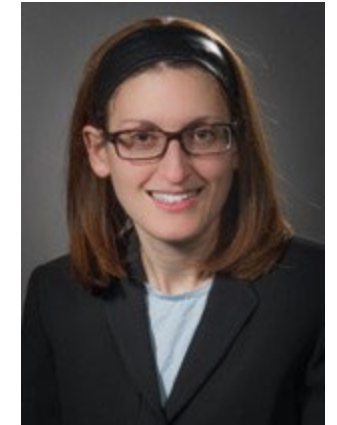


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Ambulatory Clerkships



Sunita Cheruvu, MD
W270



Jill Leibowitz, MD
W224

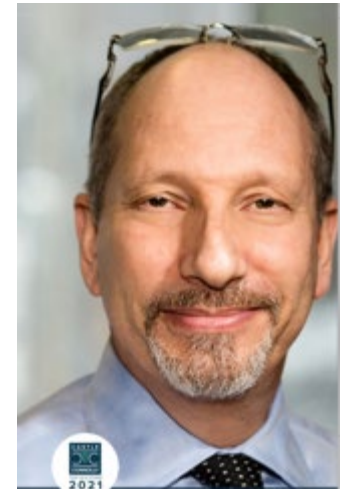
Longitudinal Curricular Component: Communications & Families



Ellen Pearlman, MD
W243



Taranjeet Ahuja, DO
W225



Joe Weiner, MD, PhD
W221

Second 100 Weeks

Advanced Clinical Experience Year 3

- 6 core clerkships
 - Pediatrics & OB/GYN
 - Medicine/Surgery
 - Psychiatry/Neurology
- Selectives
 - 2 weeks students choice of speciality
- Continuity Clinic

Preparation for Residency Year 4

- 3 Acting Internships
- More than 100 electives to choose from
- Away rotations
- Professional Development



Melissa Pawelczak, MD
Assistant Dean
Advanced Clinical Experience
W223



Gino Farina, MD
Assistant Dean
Clinical Preparation for Residency
W212

Career Advisement & Faculty Development

Career Advisement



Louis Miller, MD
Assistant Dean
Career Advisement
E204

Faculty Development



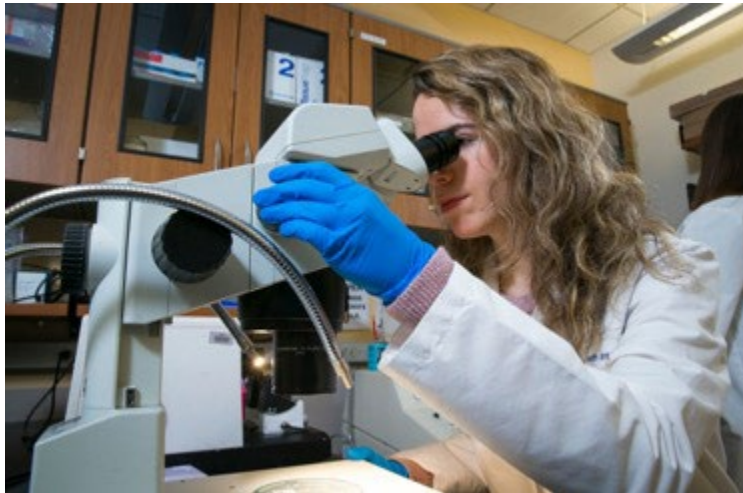
Alice Fornari, EdD, RD
Asst Vice President
Faculty Development
W250



Elisabeth Schlegel, PhD
Asst Director,
Faculty Development
W202



Dual Degree Programs



*MD/PhD
4 students per class*



*Oral & Maxillofacial
Surgery (DDS/MD)
2 students per class*

MD/MBA



MD/MPH



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