

Get to Know NYCPM Faculty: **Samantha Landau, DPM (18), MPH** *Instructor of Orthopedics and Pediatrics*



Dr. Samantha Landau is the newest hire in NYCPM's Department of Orthopedics and Pediatrics – she started in July 2021 – and is the first new member of that department since Dr. Robert A. Eckles joined in 2003 (and left the department in April 2021). Dr. Landau has an NYCPM podiatric pedigree; her father is Laurence Landau, DPM ('92) and her stepmother is Corrine Renne Landau, DPM ('06).

Dr. Samantha Landau graduated from SUNY College at Geneseo in 2013 with a BS in Business Administration, and with minors in both biology and chemistry. Enrolled in the dual-degree program of NYCPM and the Icahn School of Medicine at Mt. Sinai, she obtained her MPH (with an emphasis on healthcare management) in 2016, after only two years, the first student to do so in the history of the program. She obtained her DPM degree in 2018.

Dr. Landau completed her residency at NYCPM/Metropolitan in 2021 as chief resident. COVID intervened while she was at Metro, and for her efforts there, she received Schneps Media's Health Care Hero Award. (Schneps is a major New York-based publisher of digital and physical media, especially of community newspapers.) She has also passed all four sections of the ABFAS surgery boards, and is thus qualified in forefoot, rearfoot and ankle surgery. Dr. Landau was also published last year in JFAS (Journal of Foot and Ankle Surgery) for original research.

With an interest in surgical biomechanics, Dr. Landau has trained at the Hospital for Special Surgery in the Leon Root Motion Analysis Lab. She is spending time with both Drs. Joseph C. D'Amico and Cusack, and is being trained in pediatric podiatry by Drs. Volpe and Resseque.

Dr. Landau loves taking biomechanical concepts and incorporating them into surgical applications. Most podiatry patients, she says "have a biomechanical problem as the root cause of their pain and deformity," which podiatrists can treat conservatively or with surgery. She "hopes to bridge the gap between the surgery and orthopedics departments to show students and patients how some surgical interventions can improve biomechanics." With the F-scan system, she says, a doctor can see how patients improve their biomechanics via plantar pressures.

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Somehow, Dr. Landau finds the time to serve as secretary to the Kings Division of NYSPMA; she's on its executive board. NYSPMA is the top organization in New York State that represents the interests of podiatrists with the state legislature as well as with insurance companies.

She will speak at NY22, the New York Clinical Conference, in January 2022, and will lecture in advanced biomechanics at NYCPM in November. Dr. Landau hopes to inspire young individuals and women to take an interest in biomechanics by bringing a young dynamic prospective to the area of study and practice.