

2018

# 2018 University Of New England College Of Osteopathic Medicine Fellowship Recipients

University of New England College of Osteopathic Medicine

Follow this and additional works at: <http://dune.une.edu/morganefellows>



Part of the [Osteopathic Medicine and Osteopathy Commons](#)

---







## Recommended Citation

University of New England College of Osteopathic Medicine, "2018 University Of New England College Of Osteopathic Medicine Fellowship Recipients" (2018). *Peter Morgane Research Fellowships*. 8.  
<http://dune.une.edu/morganefellows/8>

This Article is brought to you for free and open access by the Osteopathic Medicine Student Works at DUNE: DigitalUNE. It has been accepted for inclusion in Peter Morgane Research Fellowships by an authorized administrator of DUNE: DigitalUNE. For more information, please contact [bkenyon@une.edu](mailto:bkenyon@une.edu).

## 2018 Peter Morgane Student Research Fellowship Recipients

	<b>Nicole Anastasio</b>	<b>Class of 2021</b>	<b>Project Title:</b> A Systems Biology Approach to Studying Evolution of Flaviviruses	<b>Mentor:</b> Meghan May, MS, PhD, UNE COM
	<b>Daniel Antonoff</b>	<b>Class of 2021</b>	<b>Project Title:</b> The effects of 3D multiple object tracking on head impacts during a competitive ice hockey season	<b>Mentor:</b> John Rosene, DPE, UNE WCHP
	<b>Taxiarhia Arabatzis</b>	<b>Class of 2021</b>	<b>Project Title:</b> Determining downstream biochemical sequels of altered mRNA translation in the growth and survival of squamous cell carcinomas and seborrheic keratosis cells	<b>Mentor:</b> Ana Mandinova, MD, PhD, Harvard Medical and Massachusetts General Hospital, Cutaneous Biology Research
	<b>Seth Butler</b>	<b>Class of 2021</b>	<b>Project Title:</b> Pain sensitivities and their relationships with pain-associated psychosocial factors within each demographic sub-groups in chronic pain patients vs. normal controls	<b>Mentor:</b> Ling Cao, MD, PhD, UNE COM
	<b>Liem Nguyen</b>			
	<b>Subo Dey</b>	<b>Class of 2021</b>	<b>Project Title:</b> Effect of mobilization in the post intensive care unit on subsequent hospital length of stay and disposition upon hospital discharge	<b>Mentor:</b> Jeff S. Fine, MD, NYU Langone Hospital, Brooklyn
	<b>Haley Etskovitz</b>	<b>Class of 2021</b>	<b>Project Title:</b> Contribution of Bordetella pertussis Genetic Diversity to Vaccine Failure in the United States Patient Population	<b>Mentor:</b> Meghan May, MS, PhD, UNE COM

	<b>Evangeline Green</b>	<b>Class of 2021</b>	<b>Project Title:</b> Changing dynamics and spread of Crimean-Congo Hemorrhagic Fever	<b>Mentor:</b> Meghan May, MS, PhD, UNE COM
	<b>Jonathan Hansen</b>	<b>Class of 2021</b>	<b>Project Title:</b> Transcriptomic analysis of AKAP9 splice variant expression in sensory neuron subpopulations	<b>Mentor:</b> Benjamin Harrison, PhD, UNE COM
	<b>Meshkat Haque</b>	<b>Class of 2021</b>	<b>Project Title:</b> Elucidating the Presenting Signs and Symptoms of Anaphylaxis within the Elderly population of Northwell ED patients	<b>Mentor:</b> Artemio M. Jongco, III MD, PhD, Donald and Barbara Zucker School of Medicine at Hofstra/Northwell
	<b>Sharmeen Jaffry</b>	<b>Class of 2021</b>	<b>Project Title:</b> Spinal Sensitization in MIA-induced Ongoing Joint Pain in Female Compared to Male Rats	<b>Mentor:</b> Tamara King, PhD, UNE COM
	<b>Karim Abdel Jalil</b>	<b>Class of 2021</b>	<b>Project Title:</b> Optical Coherence Tomography for Risk Stratifying Pulmonary Hypertension	<b>Mentor:</b> Mark Brezinski, MD, PhD, UNE COM
	<b>Taylor Langevin</b>	<b>Class of 2021</b>	<b>Project Title:</b> Head Impact Exposure in NCAA Division III Women's Rugby Athletes Over One Competitive Season	<b>Mentor:</b> John Rosene, DPE, UNE WCHP
	<b>Jordan Daniel Lemme</b>	<b>Class of 2021</b>	<b>Project Title:</b> Differences in adult complex regional pain syndrome (CRPS) intrinsic brain networks compared to pediatric CRPS networks	<b>Mentor:</b> David Borsook, MB.BCh, PhD, Boston Children's Hospital, Harvard Medical School
	<b>Lauren Lever</b>	<b>Class of 2021</b>	<b>Project Title:</b> The Role of Bone Marrow Adipose Tissue in Myeloma Drug Resistance	<b>Mentor:</b> Michaela Reagan, PhD, MMC Research Institute (MMCRI)



**Matthew Nathan**

**Class of 2020**

**Project Title:** A Pathway to Aid Uninsured Individuals to Enroll in Medical Insurance

**Mentor:** Marilyn L. Gugliucci, MA, PhD, UNE COM



**Matthew Kark**



**Taylor M. Ouellette**

**Class of 2021**

**Project Title:** A novel role for primary cilia of the cardiac neural crest in the maturation of ventricular myocardium in the embryonic heart

**Mentor:** Kerry L. Tucker, PhD, UNE COM



**Divya Padmanabhan**

**Class of 2021**

**Project Title:** The effects of neonatal pain on the CRF system in neonatal amygdala tissue in the rodent model

**Mentor:** Michael Burman, PhD, UNE CAS



**Samuel Pettit**

**Class of 2021**

**Project Title:** The Frequency and Burden of Overlooked Abscesses in Cellulitis Patients

**Mentor:** Meghan May, MS, PhD, UNE COM



**Connor Richmond**

**Class of 2021**

**Project Title:** Patellar-Trochlear Morphology in Pediatric Patients From 2 Years to 11 Years of Age

**Mentor:** Kevin Shea, MD, Stanford Children's Hospital (7/1/18)



**Jeff A. Wisniewski**

**Class of 2019**

**Project Title:** Diabetes management in short term medical mission trips: An analysis of clinical metrics and patient reported outcomes

**Mentor:** Christopher Boni, DO, Discipline Chief at Waves of Health Organization/Summit Medical-Berkeley, UNE COM



**Lukas Zibaitis**

**Class of 2021**

**Project Title:** Pediatric Trauma and the Regionalization of Care

**Mentor:** Michael L. McManus, MD, MPH, Boston Children's Hospital, Harvard Medical School