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# 2017 University Of New England College Of Osteopathic Medicine Fellowship Recipients

University of New England College of Osteopathic Medicine

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## 21 UNE College of Osteopathic Medicine students receive Peter Morgane Research Fellowship awards

May 12, 2017, BIDDEFORD, Maine: The University of New England College of Osteopathic Medicine (UNE COM) has announced the winners of the 2017 Peter Morgane Research Fellowship.

The Peter Morgane Research Fellowship provides opportunities for UNE COM students who wish to participate and obtain experience in biomedical, clinical, experiential or translational research. Research projects can have a basic science, community health, clinical or osteopathic orientation.

Funding was provided through the College of Osteopathic Medicine, the Office of Research and Scholarship and the Center for Excellence in the Neurosciences. The winners are:

1. **Celeste Bouchard** (Class of 2020) Project title: Determining the effect of the atypical anti-psychotics Olanzapine and Risperidone on hepatic lipid metabolism Mentor: Karen Houseknecht, Ph.D., UNE COM
2. **Kaitlyn Chin** (Class of 2020) Project title: Course of Concussion Recovery in Youth 6-18 Years of Age Mentor: Stacy Suskauer, M.D., PM&R, Kennedy Krieger Institute/Johns Hopkins SOM
3. **Jessica Collins** (Class of 2020) Project title: A novel animal model system for examining Mycoplasma and Influenza virus coinfection Mentor: Meghan May, Ph.D., UNE COM
4. **Katherine Cone** (Class of 2020) Project title: Interactions between delta and mu opioid agonists in assays of pain-depressed operant responding and schedule-controlled rate suppression Mentor: Glenn Stevenson, Ph.D., UNE CAS
5. **John Forrester** (Class of 2020) Project title: Electrophysiological Consequences of Congenital Heart Defects Caused by Primary Cilia-Dependent Cardiac Developmental Processes Mentor: Kerry Tucker, Ph.D., UNE COM
6. **Raveena Gandhi** (Class of 2020) Project title: Effects of Treatment According to American Diabetic Association (ADA) Guidelines on Diabetic and Hyperlipidemic Patients Mentor: Stephan Babirak, Ph.D., M.D., President/Medical Director, Metabolic Leader, ME
7. **Madhuri Garg** (Class of 2020) Project title: Healthcare Providers: Supportive or Stigmatizing? Mentor: Victoria S. Thieme, D.O.,
8. **Joseph Heath** (Class of 2020) Project title: Effects of exercise on a non-weight bearing joint in a model of temporomandibular joint osteoarthritis in female rats Mentor: Tamara King, Ph.D., UNE COM

9. **Ross Heinrich** and **David Shbeeb** (Class of 2020) Project title: The Correlation Between Pain Sensitivity and Pain-Related Psychosocial Factors in Chronic Pain Patient vs. Normal controls Mentor: Ling Cao, Ph.D., UNE COM
10. **Jacqueline Jones** (Class of 2018) Project title: The impact of Mental Health on Itch Severity: A Holistic Approach to a Dermatological Problem Mentor: Joseph Podolski, D.O., Regional Assistant Dean; UNE Adjunct Faculty
11. **Ryan Juneau** (Class of 2020) Project title: Studying the Effects of Metformin on Activation of mTOR and its Associated Proteins Mentor: Derek C. Molliver, Ph.D., UNE COM
12. **Elizabeth Kim** (Class of 2020) Project title: Effects of exercise on advanced osteoarthritis in female rats Mentor: Tamara King, Ph.D., UNE COM
13. **James Koch** (Class of 2020) Project title: Patient Centered Outcomes in the Complete Health Improvement Program (CHIP) Mentor: Susan Friedman, M.D., M.P.H., Division of Geriatrics, University of Rochester SOM
14. **Justine Lazatin** (Class of 2020) Project title: Understanding Macrolide Resistance of Mycoplasma pneumoniae in the United States Patient Population Mentor: Meghan May, Ph.D., UNE COM
15. **Marissa Lown** (Class of 2020) Project title: Adherence to ARRIVE Guidelines for Use of Animals in Cardiovascular Research Mentor: Jack Williams, Ph.D., UNE COM
16. **Maansi Malhotra** (Class of 2020) Project title: A Phase I Trial of DA-EPOCH-R Plus Ixazomib as Frontline Therapy for Patients with MYC-aberrant Lymphoid Malignancies Mentor: Andrew M. Evens, D.O., M.Sc., Tufts University SOM
17. **Victoria Molina** (Class of 2020) Project title: The Effects of Sleep Disruption and Pain Catastrophizing on Central Pain Regulation in Healthy Participants with Induced Insomnia Mentor: Monika Haack, Ph.D., Harvard Medical School
18. **David Oh** (Class of 2020) Project title: Genomic features associated with cancer development in Barrett's biopsies Mentor: Matthew Stachler, M.D., Ph.D., Associate Pathologist, Harvard Cancer Center
19. **Jonathan Rieder** (Class of 2020) Project title: Characterization of the Zika Virus Binding Mechanism Mentor: Meghan May, Ph.D., UNE COM
20. **Martin Tehan** (Class of 2020) Project title: Elucidating the Role of Mitochondrial Genomics in the Etiology of Stress-Related Disorders Mentor: Fernando Goes, M.D., Psychology Department, Johns Hopkins SOM 21. **Christian Voto** (Class of 2020) Project title: To evaluate the independent variables that may affect assisted primary patency of arteriovenous fistulas and patient survival based on an intent-to-treat study population of patients with end stage renal disease or renal insufficiency Mentor: Thomas Pannetta, M.D., Vascular Surgery, PLLC, NY