2017 Peter Morgane Student Research Fellowship

TO: UNE COM faculty, staff, and students
FROM: UNE COM Research & Scholarship Committee
DATE: May 10, 2017

The UNE COM Research Committee would like to congratulate the following UNE COM students who have received the 2017 Peter Morgane Student Research Fellowship:

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 co-infection
   - **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., UNE COM
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 Shbee (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