

Department of Biomedical Sciences Newsletter

THANK YOU AND KUDOS TO ALL FOR A SUCCESSFUL ACADEMIC YEAR 2021-2022 IN REGARD TO BOTH THE EDUCATIONAL AND RESEARCH MISSIONS OF UNE COM!!!!

Congratulations to **Dr. Diana Goode** on being awarded an NIH R01 award titled "Novel expression of MHC class II on DRG neurons and its role in promoting antinociceptive CD4+ T cells in females during chemotherapy-induced peripheral neuropathy." **Dr. Goode** has been featured on a number of Maine news outlets such as News Center Maine ([link here](#)), CBS13 WGME ([link here](#)), FOX23 News ([link here](#)), and the Portland Press Herald ([link here](#)).



CALL FOR PROPOSALS:

R&S Faculty Minigrants RFA Available

Due date is January 19th, 2023. Find the RFA and details at <https://www.une.edu/research/office-sponsored-programs/minigrants>.

Research Infrastructure Fund (RIF) proposal availability to UNE faculty through ORS

Applications are due by 12/07/2022 and the forms can be found [here](#).

Shared Governance Meetings:

UFA

Wednesday, October 19
via Zoom, 12-2pm

Wednesday, November 16
via Zoom, 12-2pm

Wednesday, December 21
via Zoom, 12-2pm

Wednesday, January 18, 2023
via Zoom, 12-2pm

COMFA

Thursday, October 20
12-1pm

Wednesday, November 23
12-1pm

Thursday, December 15
12-1pm

Wednesday, January 25,
2023
12-1pm

NOTE: Publication costs for papers which have COM students as authors are eligible to be considered for up to \$250/student by the [SGA's educational enhancement fund](#) (link enabled). These requests are vetted by the finance committee of the SGA and processed by RSAS.

[Faculty / Student / Staff Highlights:](#)

[New Publications \(from PubMed \(links enabled\)\)](#)

[Longitudinal RNA Sequencing of Skin and DRG Neurons in Mice with Paclitaxel-Induced Peripheral Neuropathy.](#)

Cirrincone AM, Reimonn CA, **Harrison BJ**, Rieger S.
Data (Basel). 2022 Jun;7(6):72.
doi: 10.3390/data7060072.

[Hedgehog Morphogens Act as Growth Factors Critical to Pre- and Postnatal Cardiac Development and Maturation: How Primary Cilia Mediate Their Signal Transduction.](#)

Fitzsimons LA, Brewer VL, **Tucker KL**.
Cells. 2022 Jun 9;11(12):1879.
doi: 10.3390/cells11121879.

[Antibiotic perturbation of gut bacteria does not significantly alter host responses to ocular disease in a songbird species.](#)

Weitzman CL, Belden LK, **May M**, Langager MM, Dalloul RA, Hawley DM.
PeerJ. 2022 Jun 10;10:e13559.
doi: 10.7717/peerj.13559.

[Sustained Morphine Delivery Suppresses Bone Formation and Alters Metabolic and Circulating miRNA Profiles in Male C57BL/6J Mice.](#)

Carvalho AL, Brooks DJ, Barlow D, Langlais AL, Morrill B, **Houseknecht KL**, Bouxsein ML, Lian JB, **King T**, Farina NH, Motyl KJ.
J Bone Miner Res. 2022 Aug 27.
doi: 10.1002/jbmr.4690.

[New Publications \(from bioRxiv \(links enabled in blue\)\)](#) – a preprint, a preliminary version of a manuscript that has not completed peer review at a journal.

[A cell-autonomous role for primary cilia in long-range commissural axon guidance.](#)

Alexandre Dumoulin, Nicole H. Wilson, **Kerry L. Tucker**, Esther T. Stoeckli
bioRxiv 2022.08.15.503894
doi: <https://doi.org/10.1101/2022.08.15.503894>

Regional/National/International Presentations

Oral Presentations:

Dr. David Mokler gave the plenary lecture at the Psychedelic Summit at O'Cannabiz in Toronto, Canada on June 2, 2022. The lecture was titled "Psychedelic Medicine: What we know, What we don't know, What we need to know."

New Funding

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