

Biomedical Sciences

Department Newsletter

Summer 2026 Volume 7 · Issue 4

IN THIS ISSUE: CONGRATULATIONS!

- ★ **Dr. Ian Meng** awarded an NIH BRAIN Initiative grant
- ★ **Dr. Scott Wood & CellField** named one of 20 Phase 1 winners of the NIH Complement-ARIE NAMs Reduction to Practice Challenge
- ★ **Drs. Ben Harrison & Scott Wood** each awarded COBRE Center for Pain Research pilot projects

Full details under Grants Awarded.

Calendar

DBMS FACULTY MEETINGS

Thu, Oct 29 11:00 am – 12:00 pm

New date due to Caucus

Tue, Nov 24 11:00 am – 12:00 pm

New date due to Thanksgiving

~~**Thu, Dec 24** 11:00 am – 12:00 pm~~

Cancelled due to Holiday Break

Feel free to send any agenda items for discussion at our faculty meeting to Angela Morse.

2026 UNE COM SEMINARS

All seminars hosted by the department will be posted on the seminar page of our site:

sites.une.edu/biomedicalsciences/seminar-series

SHARED GOVERNANCE MEETINGS

Month	COMFA	UFA
October	Wednesday, October 21 11:30 am – 12:30 pm Innovation Hall 104 <i>With 3rd-year Clinical Sites, ft. President Herbert</i>	Wednesday, October 21 12:00 pm – 2:00 pm Join on Zoom
November	Wednesday, November 11 11:30 am – 12:30 pm	Wednesday, November 18 12:00 pm – 2:00 pm Join on Zoom
December	Wednesday, December 2 11:30 am – 12:30 pm	Wednesday, December 16 12:00 pm – 2:00 pm In person (TBD)

New Publications Titles are linked

PEER-REVIEWED (PUBMED)

Clinical and non-clinical formulations of paclitaxel produce qualitatively and quantitatively different peripheral neuropathy in rats and mice.

Giuvelis D, Barlow D, Meng ID, Houseknecht KL, Tucker KL

J Pain. 2026 Jul 9:106369. · doi: [10.1016/j.jpain.2026.106369](https://doi.org/10.1016/j.jpain.2026.106369)

Anatomy-Based Outreach in Osteopathic Medical Education: Impact on High School Student Awareness and Career Interest.

Walter A, Redway TH, Marino R, Tomasetti G, Lopez J

HAPS Educator. 2026;30(2):7-17. · doi: [10.21692/haps.2026.011](https://doi.org/10.21692/haps.2026.011)

PREPRINTS

A preprint is a preliminary version of a manuscript that has not completed peer review at a journal.

Microfluidic Osteoarthritis-on-a-Chip for Evaluating Joint-Cell Responses to Tanezumab, a Humanized Anti-NGF Monoclonal Antibody

Hosein Mirazi, Scott T. Wood

bioRxiv 2026.07.13.738227 · doi: [10.64898/2026.07.13.738227](https://doi.org/10.64898/2026.07.13.738227)

Student publication support: 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](#). These requests are vetted by the finance committee of the SGA and processed by RSAS.

Grants Awarded

- Congratulations to **Dr. Ian Meng** on being awarded an NIH grant titled “*Application and Dissemination of the BRAIN Initiative Tool CaMPARI*” as part of the “21st Century Cures Act – Brain Research through Advancing Innovative Neurotechnologies.”
- Congratulations to **Dr. Scott Wood** and **CellField** on being selected as one of 20 winners of Phase 1 of the NIH Complement-ARIE NAMs Reduction to Practice Challenge.
- Congratulations to **Dr. Ben Harrison** and **Dr. Scott Wood** on each being awarded UNE faculty-led pilot projects from the COBRE Center for Pain Research:
 - **Dr. Harrison:** “*A Novel Sensory Neuron-Intrinsic Mechanism of Algesia and Nociceptor Plasticity*”
 - **Dr. Wood:** “*Microphysiological Joint Pain on a Chip*”

Podcast Appearance

Dr. Scott Wood appeared on the podcast *The Additive Advantage* (EP 18: “Fall in Love with the Problem, Not the Solution”). [Watch the episode on YouTube.](#)

In the Community

Dr. Ling Cao and her students and lab members did a science outreach event at the Biddeford library on September 19 as part of their teen activities calendar. They gave a presentation with games and hands-on activities on allergy and vaccine.