



School of Biomedical Sciences

Fall Newsletter, 2023

Welcome to the first issue of the BMS Newsletter!! This newsletter is dedicated to sharing news and celebrating the successes of students in the BMS program. We hope you find the content interesting and informative. We plan to start with a Fall & Spring Newsletter, so the next issue will be in January 2024. If you have something to share, please let me or Donna know!

-John



Salute to our new graduates!

It's time to say goodbye to our most recent BMS graduates. Learn about what they did and where they are going!



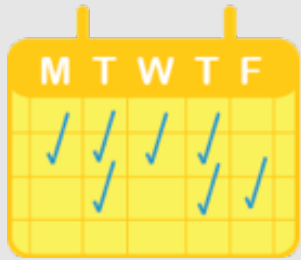
Meet our incoming BMS students

Our largest Fall incoming class ever!!!
A total of 16 students from 9 different countries.
Learn about their background and research interests!



BMS students win awards

Congratulations to Robin Bearss, Angela Mossor, and Shreya Gupta who won national or university awards in 2023. Learn about their award-winning research!



Professional Development Calendar

Looking for opportunities to develop professional skills, become a better instructor and live a more well-balanced life? Take advantage of the many free resources available!

****NEW****

[Use of AI Policy](#)



****UPDATED****

[BMS Handbook](#)



Planning to graduate this Fall?

[Important deadlines](#)

[Guidelines for final oral defense](#)
[Style guide for dissertations & theses](#)

Progress
Corner



1st Year Lab Match

Payton Ciolli (Kurokawa Lab)
Shifat-E Ferdous (Ferrell Lab)
Anxhela Gjojdeshi (Davalos Lab)
Dayanara Moore- (rotating)
Titilayo Olotu (Ferrell Lab)

Mercy Oso (Clements Lab)
Misha Psenicka (Rosen Lab)
Dakota Smallridge (Mellott Lab)
Hui Wang (Zhang Lab)

Passed Candidacy

Najmah Al Ramel
Robin Bearss
Kolapo Fasina

Salan Ghaju
Alexandra Haupt
Mustfa Kabi
Madeline Porter

Approved Prospectus Topics

Kerianne Armelli (Lovejoy Lab)
“Aspects of the Neurochemical Profile and Canine Sexual Dimorphism with Regard to Human Origins”

Rose Basom (Lovejoy Lab)
“Bone, Brain, and Behavior: Examining the Effects of Acetylcholine within the Neuroskeletal Relationship”

Tej Nakashe (Damron Lab)
“Delineating the Cellular Mechanisms of D-Cysteine Ethyl Ester Reversal of Fentanyl-Induced Suppression of Intrinsic Ca2+ activity in Superior Cervical Ganglion Neurons.

Pratyusha Ghanta (Oyewumi Lab)
“Exploring the Impact and Therapeutic Potential of Lung Cancer Derived Exosomal Galectin-3-Binding Protein in Bone Metastasis”

Shreya Gupta (Raman Lab)
“Role of TSP1 in Regulation of Vascular Smooth Muscle Cell Phenotype and Atherosclerosis in Metabolic Syndrome”

Emilee Hart (Takeshita Lab)
“Adrenarche, Androgens, and Acclimation: Dehydroepiandrosterone-Sulfate (DHEAS) and the Primate Life History”

Zackery Knauss (Damron Lab)
“Fentanyl-Induced Reward Seeking is Sex and Dose Dependent and is Prevented by D-Cysteine Ethyl Ester Which Selectively Alters Fentanyl Ca2+ Signaling Dynamics in the Prefrontal Cortex”

Dipan Kumar Kundu (Dong Lab)
“Exosome Derived from NAMPT-Overexpressed Mesenchymal Stem Cell Improves the Outcome of Aortic Stenosis”

Heather Lawrentz (Lovejoy lab)
“Comparative Ligamentous Structure of the Hominoid Carpus”

Phaedra Norrell (Reed-Geaghan Lab)
“The Developmental Impact of Sex Hormones on Neurodegenerative Disease Pathogenesis in the 5xFAD Alzheimer’s Mouse Model”

Heather Smith (Raghanti Lab)
“Subcortical Neuromodulation in Human Evolution”

Executive Committee

Director – Kent State University: *John Johnson, PhD*
Associate Director - NEOMED: *Jesse Young, PhD*
Associate Director - Cleveland Clinic: *Jessica Williams, PhD*
Chair CMBI: *Helen Piontkivska, PhD*
Chair BHEB: *Owen Lovejoy, PhD*
Chair NEUR: *Woo-Yang Kim, PhD*
Chair PHRM: *Priya Raman, PhD*
Chair PHII: *Michael Lehman, PhD*
Ad hoc: *Oscar Rocha, PhD*
Ad hoc: *Hanbin Mao, PhD*
Student Rep: *Emilee Hart*

Academic Program Coordinator

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