

BIOCHEMISTRY POSTDOCTORAL RESEARCHER AND STUDENT ASSOCIATION



MAY NEWSLETTER

HAPPY MAY!

"As full of spirit as the month of May,
and as gorgeous as the sun in
Midsummer."

—William Shakespeare

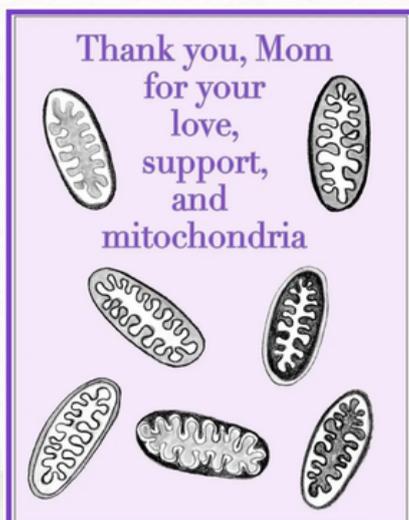
Hope everyone is getting ready for
the summer! As always, If you have
any comments or concerns, please fill
out our [anonymous Google form](#).

- Lily & Kevin (BPSA Communications
Committee)



DEPARTMENT EVENTS

- 17 May, 214 LH, Scott Williams, NIH, "From the TOP: Formation, Recognition and Resolution of Topoisomerase 2 DNA Protein Crosslinks".
- 03 May Frontiers Hnilica lecture with Dr. Anjana Rao is rescheduled for October 11, 2024.



NEWS

- Colloquium (at 12:00 p.m. in 214 LH):
 - 10 May: Sarah Zelle (Mchaourab and Schey lab) and Gabriela Gonzalez (Cortez Lab)
 - 24 May: Emma Vontalge (Dewar Lab) and Min-Hsuan Li (Kojetin Lab)
- Dissertation Defense:
 - 14 May, 3:00 p.m., 208 LH, Jessica L. Taylor (Brown lab) "The Molecular Basis Underlying Heme Biosynthesis Dysfunction and Disease Originating from C-Terminal Mutations in Aminolevulinic Acid Synthase"
- 14 May, 3-4 p.m., 618 LH, DEI Journal Club
- Yelena Perevolova will be resigning her position as our GSC representative, please let BPSA know if you would want to contribute 1-2 hours a month with the perks of free food.
- ASPIRE events:
 - 02 May 11:00 a.m., ASPIRE Biomedical Scientist's Toolkit: Applying for Fellowships & NRSA's.
 - 07, 21, & 28 May 11:30 a.m. - 12:30 p.m., 340 LH, [CV/Resume Drop In Clinic](#)
 - 16 May 11:00 a.m., 411 LH, ASPIRE Job Search Series: ASPIRE Job Search Series: Informational Interviewing and Preparing for the Career Symposium



TRAINEE OF THE MONTH

MIN-HSUAN LI



- **What year are you?** 4th
- **Whose lab are you in?** Douglas Kojetin
- **What do you like best about the biochemistry department?** Plenty of talks and communication events
- **What advice do you have for other students?** Expect yourself to change
- **What's your favorite experiment to run?** TR-FRET (Time-resolved Förster's Resonance Energy Transfer)
- **What's your favorite place to go or favorite thing to do in Nashville?** Indoor volleyball courts

CONGRATS TO...

- **Jessica Collins (Osheroff Lab).** Target-Mediated Fluoroquinolone Resistance in Neisseria gonorrhoeae: Actions of Ciprofloxacin against Gyrase and Topoisomerase IV. *ACS Infectious Diseases.*
- **Alexandria Oviatt (Osheroff Lab).** Interactions between Gepotidacin and Escherichia coli Gyrase and Topoisomerase IV: Genetic and Biochemical Evidence for Well-Balanced Dual-Targeting. *ACS Infectious Diseases.*
- **Jessica Collins (Osheroff Lab).** Gyrase and Topoisomerase IV: Recycling Old Targets for New Antibacterials to Combat Fluoroquinolone Resistance. *ACS Infectious Diseases.*
- **David Cortez** wins Protein Society award for contributions to basic protein science.
- **Emma Vontalge & Tamar Kavlashvili (Dewar Lab).** Control of DNA replication in vitro using a reversible replication barrier. *Nature Protocols.*
- **Kaitlyn Browning (Merrikh Lab).** Replication-Transcription Conflicts: A Perpetual War on the Chromosome. *Annual Review of Biochemistry.*
- **Kaitlyn Browning (Merrikh Lab)** is featured in the VU News "Dare to Grow" article, as part of the V150 Celebration.
- **Hillary Layden (Hiebert Lab).** Mutant FOXO1 controls an oncogenic network via enhancer accessibility. *Cell Genomics.*
- **Tyler Hansen (Hodges Lab).** Human gene regulatory evolution is driven by the divergence of regulatory element function in both cis and trans. *Cell Genomics.*
- **William Wan (Wan Lab).** STOPGAP: an open-source package for template matching, subtomogram alignment and classification. *Acta Crystallographica Section D.*

CHECK THIS OUT

- 04, 11, 18, 25 May. Nashville Aerial Adventure Park's Glow in the Park.
- 05 May, 12 - 4 p.m., Single De Mayo at Pinewood Bowling Nashville.
- 11 - 12 May, 9 a.m. - 5 p.m., Mother's Day Summer Annuals Plant Sale, Cheekwood Nashville.