

Spring 2025 Seminar Schedule

Date	Presentation and Speaker	Host	Summary	Paper
Jan. 24	“Bacterial biofilms and their importance on Earth and in space” Dr. Robert McLean <i>Texas State University</i> https://www.bio.txst.edu/faculty-staff/robert-mclean.html	David Lemke	PDF	PDF
Jan. 31	“Hydrobiogeochemistry of terrestrial-aquatic interfaces from pore to continental scales” Dr. Bayani Cardenas <i>University of Texas at Austin</i> https://www.jsg.utexas.edu/cardenas/	Benjamin Schwartz	PDF	PDF
Feb. 07	“Urban sustainability by restoring axolotl habitat” Dr. Luis Zambrano <i>Universidad Nacional Autonoma de Mexico</i> https://www.restauracionecologica.org/	Ivan Castro-Arellano	PDF	PDF
Feb. 14	“Exploring microplastic exposure and effects in terrestrial birds via community engaged approaches” Dr. Jennifer Smith <i>Caesar Kleberg Wildlife Research Institute</i> https://www.ckwri.tamuk.edu/about/jennifer-smith-phd	Chris Serenari	PDF	PDF

Date	Presentation and Speaker	Host	Summary	Paper
Feb. 21	“The best laid plans of mice and men often go awry” Dr. Francis Rose <i>Texas State University</i>	Joseph Veech	PDF	
Feb. 28	Biology Colloquium			
Mar. 07	“Evolution of endless fish forms most beautiful” Dr. Samantha Price <i>Clemson University</i> https://www.evovet.com/samantha-price.html	Leila Siciliano-Martina	PDF	PDF
Mar. 21	“Healing waters: Investigating the resiliency and restoration potential of stream ecosystems in the U.S.” Dr. Peter Levi <i>Northland College</i> https://www.northland.edu/dir/peter-levi/	Weston Nowlin	PDF	PDF
Mar. 28	“Chloroplast immunity: talk to your neighbor in an emergency” Dr. Eunsook Park <i>University of Wyoming</i> https://www.uwyo.edu/molecbio/faculty-and-staff/eunsook-park.html	Hong-Gu Kang	PDF	PDF
April 04	“The secret lives of plants at night” Dr. Colleen Doherty <i>North Carolina State University</i>	Nihal Dharmasiri	PDF	PDF

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	https://cals.ncsu.edu/molecular-and-structural-biochemistry/people/colleen-doherty/			
April 11	“Organism-environment interactions shape responses to stress in a changing world” Dr. Marie Strader <i>Texas A & M University, College Station</i> https://www.bio.tamu.edu/faculty-page-marie-strader/	Lauren Fuess	PDF	PDF
April 18	“Connecting metabolism to development- The role of transcription factors and carbon partitioning” Dr. Thiya Mukharjee <i>Texas A & M, San Antonio.</i> https://apps.tamusa.edu/course-information/my-profile/faculty-Profile.php?ID=1136	Robert McLean	PDF	PDF
April 25	"A year in review: celebrating the first year of BGSA" BGSA officers <i>Dept. of Biology, Texas State University</i>			

Fall 2024 Seminar Schedule

Date	Presentation and Speaker	Host	Summary	Paper
Sept. 06	“Quantifying species diversity, carbon sequestration, and drought tolerance in regenerating Tamaulipan thorn forests” Dr. Bradley Christoffersen <i>University of Texas, Rio Grande Valley.</i> https://www.christoffersen-lab.net/	Susan Schwinnig	PDF	PDF
Sept. 13	“How Social Complexity and Conflict Shapes Stress Coping Styles and Cognition-lessons from fishes” Dr. Molly Cummings <i>University of Texas at Austin</i> https://sites.cns.utexas.edu/cummingslab/home	Caitlin Gabor	PDF	PDF
Sept. 20	“Environmental influences on brain evolution of <i>Anolis</i> lizards” Dr. Levi Storks <i>University of Detroit, Mercy</i> https://www.udmercy.edu/about/people/university/ces/biology/levi-storkes.php	Caitlin Gabor	PDF	PDF
Sept. 27	“The double-edge sword effects of nitrite, nitrate and agricultural pollution in fish” Dr. Mar Huertas Pau <i>Texas State University</i> https://www.bio.txst.edu/faculty-staff/mar-huertas.html	David Lemke	PDF	PDF

Date	Presentation and Speaker	Host	Summary	Paper
Oct. 04	<p>“In pursuit of plants, people, and puddles: deciphering the molecular basis of chemical detection in vector mosquitoes”</p> <p>Dr. Jason Pitts <i>Baylor University</i> https://biology.artsandsciences.baylor.edu/person/jason-pitts-phd</p>	Sunethra Dharmasiri	PDF	PDF
Oct. 11	<p>“Pieces in a puzzle: how drought, trait, and behavior can affect the distribution of freshwater mussels”</p> <p>Dr Astrid Schwalb <i>Texas State University</i> https://www.bio.txst.edu/faculty-staff/astrid-schwalb.html</p>	David Lemke	PDF	PDF
Oct. 18	<p>“Grasslands to wetlands: herbaceous communities in a human-dominated world”</p> <p>Dr. Jason Martina <i>Texas State University</i> https://www.bio.txst.edu/faculty-staff/jason-martina.html</p>	David Lemke	PDF	PDF
Oct. 25	<p>“Disease ecology of microbial and metazoan parasites infecting herpetofauna”</p> <p>Dr. Wesley Neely <i>Texas State University</i> https://drdz.wp.txstate.edu/</p>	David Rodriguez	PDF	PDF

Date	Presentation and Speaker	Host	Summary	Paper
Nov. 01	“Body size shapes immune defenses across species” Dr. Cynthia Downs <i>State University of New York, ESF</i> https://sites.google.com/site/cynthiadowns/	Lauren Fuess	PDF	PDF
Nov. 08	“Advancing Biological Research: Exploring the Critical Role of Biochemical Purification and Sample Preparation” Dr. Yogendra Bordiya <i>Fisher scientific, Austin</i> https://www.fishersci.com/us/en/home.html	Hong-Gu Kang	PDF	PDF
Nov. 15	“Growing in space, do you really need water, air and gravity?” Dr. Simon Gilroy <i>University of Wisconsin.</i> https://botany.wisc.edu/staff/gilroy-simon/	Nihal Dharmasiri	PDF	PDF
Nov. 22	"Inventory and Prioritization of Instream Barriers for Aquatic Organism Passage in the Upper Guadalupe River, Texas" Dr. Kimberly Meitzen <i>Texas State University</i> https://www.geo.txst.edu/people/faculty/kimberly-meitzen.html	Caitlin Gabor	PDF	PDF

