Friday, April 21, 2023 Poster Session 3A Cane River Room 12:10-12:40 pm

Plastics Among Plankton: Plastic Ingestion by Planktivorous Seabirds Austin Bristo & Hector Douglas Grambling State University

Is Social Media Addictive? Nichelle Brown Faculty mentor: Dr. Steve Favors and Dr. Ellen Smiley Grambling State University

Investigation of Nutrient Loading and Flooding Depth on the Survival and Growth of Bald Cypress (Taxodium distichum (L.) Rich.) and Schoenoplectus californicus (C.A. Mey.) Palla. **Maegan LeBlanc** Faculty mentor: Dr. Jonathan Willis Nicholls State University

Evolution of Shear Profiles Preceding Tornadic QLCSs Isaiah Montgomery, Haniston Holloway, & Todd Murphy University of Louisiana at Monroe

Developing a Model to Analyze Food Security in Sub-Saharan African Countries Naomi Raeford Faculty mentor: Dr. En Mao Nicholls State University

Effects of Solvent on the Synthesis of Metal Sulfide Nanostructures Maggie Stanford Faculty mentor: Dr. Daniel Rivera-Vazquez Northwestern State University of Louisiana

> Poster Session 3B President's Room 12:10-12:40 pm

Synthesis of Pyrazolone Molecular Hybrids and their Anticancer Activity Screening Against Skin Cancer Cells Sabina Dahal, Atchimnaidu Siriki, Samuel Boateng, Jean Christopher Chamcheu, & Siva Murru University of Louisiana at Monroe

Metagenomic Analysis of Water and Soil in Grambling Louisiana Thaddisha James Faculty mentor: Dr. Paul Kim and Dr. Audrey Kim Grambling State University Gateways to Cancer: Pentachlorophenol Orchestration of Inflammatory Proteins in TIB-73 Mouse Liver Cells Derrick Kee & Ms. Tatum Simmons Faculty mentor: Dr. Waneene C. Dorsey Grambling State University

Interactions of SA2 and S6E Ribosomal Proteins with EIF4E2 in Giardia lamblia Kade Malone Hailey Davis, Srinivas Garlapati Faculty mentor: Srinivas Garlapati University of Louisiana at Monroe

Analysis of Cyanide in Municipal Waste and Drinking Water Tristan Stokes Faculty mentor: Dr. Darcey Wayment Nicholls State University