

## Undergraduate Research Conference 2025

### **Poster Session A numbers 1-40; 10:00am-10:30am**

### **ULL Students**

1	Adams, Ethan	Effects of diet and Fibroblast Growth Factor Receptor in development of hypothalamic tanycyte development, interaction with diet and sex.	UL Lafayette
2	Adams, Ethan	Microecology of Public Restrooms: How Are Bathrooms Affecting Health?	UL Lafayette
3	Adeniyi, Precious and Damilola Osoba	Development of LaAces Payload For Light Intensity Study	
4	Adu, Romeo Appiah and Nwofor, Precious	Green Synthesis and Characterization of Silver Nanoparticles Using Lactuca sativa Extract for Broad Range Biomedical Applications	
5	Austin, Averi	Consumer Acceptability of Sweet Potato Coffee Cakes	
6	Ballanco, Lillie	The Purification and Crystallization of Rice Lipoxygenase-1	
7	Bashir, Abdullah	Fabrication of High-Sensitivity Nanofiber-Based Glucose Sensor for Non-Invasive Health Monitoring in Space Tourism	UL Lafayette
8	Batarseh, Angel	Workload Management: The Effect of Minutes Played on Injury Duration in the NBA	UL Lafayette
9	Beals, Michelle	The Effect Different Incubation Temperatures Have on Common Must Turtle Hatchlings	
10	Belsom, Kiley	Attendance at Home College Football Games	UL Lafayette
11	Bergeron, Caroline and Reed, Kris	Athletic Directors	UL Lafayette
12	Boudreaux, Ava	Determinants of Box Office Movie Ticket Sales	UL Lafayette
13	Breaux, Jace, Breaux, Taylor, and Valicevic Conner	How Organizational Success Relates to Career Trajectories of General Managers in the NFL	UL Lafayette
14	Bristow, Parker	Social Determinants of Cardiovascular Health: A State Level Comparison	UL Lafayette
15	Broussard, Madelynn, Morrison, Sharissa	The Association between Interparental Conflict and Somatic Symptoms in College Students	UL Lafayette
16	Brown, Benjamin	Survival & Growth of Oysters in the Field Following Low Salinity Exposure	UL Lafayette
17	Capps, Gabrielle	Weighing the Advice of Doctors Versus Online Strangers: A Socio-Demographic Profile	UL Lafayette
18	Chaisson, Paegan	Race and Racism in Forensic Facial Reconstruction	UL Lafayette
19	Chenier, Michael and Gaspard, Kylie	Bacterial and Viral Disease Outbreaks in the Old World Since 2017	

20	Chiasson, Andrew	Investigation into Phytochemicals Found in the Invasive Plant Giant Salvinia (Salvinia molesta)	UL Lafayette
21	Chouest, Parker	Bonepickers of the Lower Mississippi Valley	UL Lafayette
22	Clark, Brayden, Johnson, Nyla, and Williams, Cleavon	10 Year Analysis of Footlocker Revenue	UL Lafayette
23	Clark, Braylen	BETA 2 Agents	UL Lafayette
24	Cluse, Joseph; Garner, Gabe; Singleton, Kevin	Event managers	UL Lafayette
25	Cohn, Louis	Sorel's and Nietzsche's Lessons for Political Radicals/ The Orthodox Response to the Reformation	UL Lafayette
26	Coleman, Kya	The Impact of Cannabis Use on Game Performance: Analyzing Error Rates	UL Lafayette
27	Collins, Vincent	Profitability Analysis for Lululemon from 2014-2024	UL Lafayette
28	Crooks, Mia	Clementine Hunter's Insight into Modernism	
29	Davenport, Marissa	The Role of Dental Anatomy and Technology in Forensic Science	UL Lafayette
30	Derouen, Danielle	Bones as Biographies: Understanding Behavior and Health Through Skeletal Trauma	UL Lafayette
31	Deshotels, Grant	Ideal Self-Healing Microcapsule Wall Thickness in Epoxy Resins	UL Lafayette
32	Dore, Emily A.	Phonological Processes in Louisiana Children's English	UL Lafayette
33	Doucet, Ryley	Do Self-Other Related Beliefs influence Treatment Trajectory?	UL Lafayette
34	Doucette, Kelsey	Structurally polymorphic sex chromosomes do not inhibit gene flow in the common frog	UL Lafayette
35	Drell, Elizabeth	Anti-Transgender Attitudes Predict Victim Blame in a Sexual Assault Vignette	UL Lafayette
36	Ducote, Elizabeth (Sam)	The Complications of Gendering Human Remains	UL Lafayette
37	Duncan, Imani	College Students' Perceived Confidence and the Importance of Nutrition	
38	Dutil, Natalie	The Effects of Air Pollutants on Respiratory Cancer	UL Lafayette
39	Ector, Joi	Nutrition In The Now: College Students' Nutrition Knowledge and Behaviors	
40	Edmond, Mackenzie	Exploring Injury Trends: Are Southerners More Likely to get Injured in Major League Baseball?	UL Lafayette

<b>Poster Session B numbers 41-80; 10:35am-11:05am</b>			<b>UL Lafayette</b>
41	Edwards, Shelton	Pricing the WILD: An Analysis of an Exotic Animal's Value and Pricing Strategies in U.S. Zoos	UL Lafayette
42	Ellis, Avery	Examining the Role of Gender on Vascular Risk, Vascular Age, and Executive Functioning	
43	Erny, Michel	Balanced Ternary in CMOS	UL Lafayette
44	Fils, Breanna	The Hope and Fear for Undocumented Immigrants	UL Lafayette
45	Forbis, Hal	Automating Specific Leaf Area Measurements through Image Processing	UL Lafayette
46	Forniss, Sasha and Kliebert, Mackenzie	Protein Interactions in Alzheimer's Disease: A Cluster Analysis of Molecular Similarities	UL Lafayette
47	Landry, Emma	Gender Differences in Perceived Parental Bonding in College Students	UL Lafayette
48	Garza, Gabriella	Mental Health Stigma	UL Lafayette
49	Gaspard, Lana	Recreating heatwaves: How extreme temperatures impact maternal provisioning and future evolution	UL Lafayette
50	Gautreaux, Jacob	Effects of Non-Leisure Physical Activity on Levels of Arthritis in Adult Populations	UL Lafayette
51	Guidry, Megan	Self-efficacy as a Correlate of Depression, Anxiety, and Stress in Direct Support Professionals	UL Lafayette
52	Guillory, Riley	Fabrication Strategies for Conductive Hydrogel-Based Wearable Sensors	UL Lafayette
53	Hackett, Ramie	Understanding Why Some Schools Have Higher Discipline Rates Than Others	UL Lafayette
54	Hambrice, Katie	Geospatial Analysis of Disparities in Access to Long-Acting Reversible Contraceptives	UL Lafayette
55	Harrison, Kirsten	An Exploration of Students' Utilization of Generative Artificial Intelligence (GenAI) in Higher Education	
56	Hays, Andrew	Socioeconomic Factors Influencing Overall Health in U.S. Counties	UL Lafayette
57	Hebert, Cyé	The Body Farms of Horror: A Literary Analysis on the Importance of the Establishment of Human Taphonomy Facilities Worldwide	UL Lafayette
58	Herkender, Nicholas	Expanding Molecular Ballistics: Advancing Forensic DNA Profiling through STR Innovation	UL Lafayette
59	Hernandez, Andrea, Amber Ramos, Natalie Himel, Aidan Thibodeaux, Alisa McCollums	Religious Identification and DERS	UL Lafayette
60	Holt, Haylee	When Seconds Matter: Improving Emergency Medical Response for Children with Rare Diseases	UL Lafayette

61	Howard, William and Hardy, Camren	Columbia Sportswear: 10-year Profitability Analysis	UL Lafayette
62			
63	James, Kennedy	Real Estate	UL Lafayette
64	Jones, Elijah	Cannabinoid Use In Professional U.S. Sports	UL Lafayette
65	Jose, Alejandro	The Impact of Polyethylene Nanoplastics on Antibiotic Performance Against Three Common Bacteria: E. coli, B. subtilis, & P. aeruginosa	
66	Kumar, Darshan	Experimental Smart Ground-Station Grid (ESG-Grid)	UL Lafayette
67	LaBove, Jaide	The Effects of N-acetylcysteine on Nicotine Addiction in Zebrafish	UL Lafayette
68	Foulkes, Lauren	Age as a Predictor of Aortic Arch Arterial Morphology	
69	Landry, Samuel	Title: Exploring GeoAI Capabilities for Timely and Accurate Post Hurricane Damage Assessment	
70	Lara, Izamary	Mother Tree Resilience: Tracking Plant Stress	UL Lafayette
71	Laughlin, Jacques	Childhood Maltreatment, Trauma, and Working Memory	UL Lafayette
72	Leger, Lexy and Songy, William	Comparing 3D Protein Structures of Traumatic Brain Biomarkers	UL Lafayette
73	Lorio, Laura	A Forest in Autumn	UL Lafayette
74			
75			
76	McCullough, Madison	Beta Blockers metoprolol	UL Lafayette
77	Mincey, Madeleine, Akiyah Brandon, Samuel Fatayo, Megan Guidry, Sydney Guidry, Taylor Soileau	The Association Between Empathy and Job Satisfaction in Direct Support Professionals	UL Lafayette
78	Morris, Montrell and Martin, Alex	Banned Substances in Athletes Stimulants, Amphetamine	UL Lafayette
79	Muthana, Shahd	Effects of Lean Hyperglycemia on Uropathogenic E. coli Pathophysiology in Acute and Chronic Mouse Models	UL Lafayette
80	Nasution, Cantika, Cy Dupuis, Olivia Walters, Cantika N and Emma Landry	Gender Differences in Perceived Parental Bonding in College Students	UL Lafayette

<b>Poster Session C numbers 81-119; 11:10am-11:40am</b>			<b>UL Lafayette</b>
81		<b>No poster</b>	
82	Nichols, Laura	Multipiul	UL Lafayette
83	Noel, Madison	Proactive Hoof Care in Giraffa camelopardalis: Understanding the Importance of Hoof Care for Giraffe Wellbeing Using Early Training Techniques	UL Lafayette
84	Notto, Leah	Site-specific elastic biomechanical properties of articular cartilage degraded with MMPs representing different stages to osteoarthritis	UL Lafayette
85	Raafey, Abdur	Development of a Self-Healing Polyimide Coating Incorporating Inhibitor-Loaded Zn–Al LDH-Nanocontainers for Corrosion Protection in Oil & Gas Environments	UL Lafayette
86	Reulet, Michael	The Louisiana Freshwater Sponge Project: a comprehensive analysis of the freshwater sponge population and its shift in species richness	
87	Rhymer, Mallory	The Role of Pneumatic Layer Thickness in Gemmule Gemmulosclere Formation	
88	Rivette, Bryant	How does school start time affect test scores	UL Lafayette
89	Robinson, Liam	Stanazol	UL Lafayette
90	Romero, Michael	Medieval Arms and Armor: A Holistic Anthropological examination of Medieval Material Culture	UL Lafayette
91	Sadou,Nadia	Finish Line inc	UL Lafayette
92	Savoy, Abigail	Will It Tear? Creating a Collegiate Athlete Cutting Mechanics Grading Process	
93	Segura,Devin and Comeaux, Matthew	Zumiez	UL Lafayette
94			
95	Shenell Tucker	Narcotics	UL Lafayette
96	Smith, Samantha, Fontenot, Allison, and Bergeron, Caroline	Oxford Industries: A 10 year Probability Analysis	UL Lafayette
97	Songy, William	The Forensic Significance of Oral Microbiome Variation in Human Remains	UL Lafayette
98	Soto Ortiz, Stephanie	Bomba Dance as Hidden Transcript in Puerto Rican Resistance	UL Lafayette
99	Spencer, Ashley	The Effects of Valproic Acid on ASD-related Behavior in the Zebrafish	UL Lafayette
100	Stewart, Christopher	Head Coaches	UL Lafayette
101	Tate, Brittany	App development for data validation of scientific collection processes in the Louisiana Freshwater Sponge Project	

102	Tewelde, Balseba	Impact of Chronic Binge Alcohol on Hepatic Immune Cell Infiltration in SIV-Infected Rhesus Macaques	
103	Theriot, Banyon, Logan Waldon and Colin Jacob	Wolverine Worldwide	UL Lafayette
104	Theriot, Caroline	Anaerobic digestion of chicken manure and sugarcane bagasse for methane production	
105	Thomas, Emma	The History of Chess in New Orleans	UL Lafayette
106	Thomas, Talyn	Effects of Visual Complexity on Attention and Mental Rotation Performance	
107	Turner, Cole and Christopher Peyton	Dick's Sporting Goods 10 Year Profitability Study	UL Lafayette
108	Turner, Cole, Collins, Vincent and Williams, Clea	Career Trajectory of Nick Saban	UL Lafayette
109	Van Eaton, Drew	Local (Mal)adaptation in <i>Panicum virgatum</i> resistance to <i>Puccinia emaculata</i>	UL Lafayette
110	Vidrine, Kinsey	Antimicrobial Properties of Herbal Oils Against <i>E. coli</i> and <i>S. aureus</i>	
111	Wasson, Hope	Examining the Impact of Aerobic Septic System Effluent on Local Water Bodies Using the Membrane Filtration Technique	
112	White, Gabriel	Comparing Biodiversity Patterns of the Herpetofauna Community at the Nicholls State Farm	
113	White, Taylor	Drawing A Blank: The Disappearance of Art from Children's Education	
114	White, Traniya	Metoprolol	UL Lafayette
115	Williams, London	Metandienone Doping and United States Athletes: Pharmacological & Legal Perspectives	UL Lafayette
116	Williams, Ramiyah	Can Prior Experience in Visual-Physical Disciplines Improve Spatial Reasoning?	
117	Woods, Danny	Combining Hyperspectral and LiDAR Sensors mounted to UAVs to Monitor Flotant along the LA Coast	
118	Yeboah, Jada	Synthesis of aza-BODIPY Fluorophores for Conjugation with EGFR-targeting Molecules	
119	Zeringue, Paige	Apple Snail Life History in Different Temperatures	