

9th ANNUAL REGIONAL STUDENT SCHOLARS FORUM

April 5, 2024



Sponsored by the LSUS Foundation

SPECIAL NOTES TO PRESENTERS AND MENTORS

1. All events will be held in the University Center on the LSU Shreveport campus located at One University Place in the 8400 block of Youree Drive (LA 1), Shreveport.
2. Please register and pick up your name tag at the Registration Table in lobby of the University Center between 8:00 – 8:45 am.
3. A free box lunch will be available for all presenters and mentors with an official event nametag. Our keynote speaker will address the conference during lunch in the Ballroom.
4. All slide presentations must be PowerPoint.
5. Presenters should load PowerPoint presentations before the beginning of the designated session.
6. Poster presenters should have their posters hung in the designated area by 8:45 am. All posters must fit within a 4' X 4' space. Easels and a mounting board will be provided. Poster board numbers correspond to the poster number assigned to the presenter.
7. There will be a competition with first and second place winners in each category: undergraduate oral presentations, undergraduate poster presentations, graduate oral presentations, and graduate poster presentations.

*Thank you to the LSUS Foundation for sponsoring
the awards!*

PROGRAM

8:00 – 8:45 am Registration
University Center Lobby (UC) (First Floor)

8:30 – 8:45 am Judges and Moderators Meeting
UC Pilots Room (UC 221, Second Floor)

8:45 – 9:05 am Welcome and Orientation
Dr. Robert Smith, LSUS Chancellor

9:15 am – 10:30 am Session A: Graduate Oral Presentations 1: Webster Room			
9:15	Brittany Pass	Louisiana State University Health Sciences Center Shreveport	Same Day Discharge, Medical and Non-Medical Admission After Per Oral Endoscopic Pyloromyotomy Mentor: Dr. Qiang Cai
9:30	Mckenzie Lionel Joseph Prince	University of Texas at Tyler	Prediction of Unknown Drug Combinations causing Adverse Reactions Mentor: Drs. Michael A. Veronin and Robert P. Schumaker
9:45	Maxwell Wagner	Louisiana State University Health Sciences Center Shreveport	Evaluation of Patient Outcomes with Endoscopic Transsphenoidal Surgery for Sellar/Suprasellar Tumors via a Collaborative Team Approach Mentor: Dr. Sandeep Kandregula
10:00	Puneeth Kumar Bolugallu Padmayya	Alcorn State University, Lorman, Mississippi	Computer Vision-Enabled Injury Analysis: Tabular Data Extraction from Injury Images Mentor: Dr. Ping Zhang
10:15	Emily Dantes	Louisiana State University Health Sciences Center Shreveport	HPV Knowledge and Attitudes among Underserved Women in Rural North Louisiana: A Cross-Sectional Study HPV Knowledge and Attitudes among Underserved Women in Rural North Louisiana: A Cross-Sectional Study Mentor: Dr. Deborah G. Smith
9:15 am – 10:30 am Session B: Graduate Oral Presentations 2: Red River Room			
9:15	Alexis K. Smith	University of Central Arkansas	On the Performative Power of Syntax in Shakespeare's Works Mentor: Dr. Paige Martin Reynolds
9:30	Erica George	Louisiana State University Shreveport	Internalized Rage: The Fire Within Black Literature Mentor: Dr. Evan Reibosome
9:45	Suman Kumar Roy	Arkansas State University	An Individual's Role in Heritage Preservation: A Case Study of the Historic Fire House Mentor: Dr. Lauri Umansky

10:00	Brennan Remington	University of Louisiana at Monroe	Examining the Efficacy of Collegiate Faculty in Detecting Artificial Intelligence Mentor: Dr. Seth Tackett
9:15 am – 10:30 am Session C: Undergraduate Oral Presentations 1: De Soto Room			
9:15	Lucas Vega	University of Texas at Tyler	A Neural Network Approach to Predict Opioid Misuse among Previously Hospitalized Patients using Electronic Health Records. Mentor: Dr. Robert Schumaker
9:30	Anne Davis	University of Houston-Victoria	A Machine Learning Approach to the Quantitative Analysis of Gold Nanoparticle Solution Via Smartphone Imaging Mentor: Dr. Asahi Tomitaka
9:45	Taylor Barnes Joseph Freriks	LeTourneau University	Energy Transfer Efficiency of Jets in Lazy River Applications Mentor: Drs. Hanwan Jiang and Daryl Low
10:00	Aziz Fraij	University of Texas Dallas	Securing Federated Learning for Multi-User EEG Classification Mentor: Dr. Sajal K. Das
10:15	Shelby Dumatrait	Sam Houston State University	ChatGPT- A Means For Job Enhancement, Not Replacement Mentor: Dr. Huda Masood
9:15 am – 10:30 am Session D: Undergraduate Oral Presentations 2: Theater			
9:15	Katherine Shaver	Sam Houston State University	Selma to Saigon: Black Protest and Antiwar Activism during the Vietnam War, 1964-1968 Mentor: Dr. Lydia Fox
9:30	Phoebe Lim	Louisiana Christian University	Silent Echoes: The Intersection of Anti-Communism and the Cover-up of the Ishii Unit War Crimes at the Tokyo Trial Mentor: Dr. Elizabeth Clarke
9:45	Grayson Hall	Arkansas State University	American Media and Fascism Mentor: Dr. Wilkerson-Freeman
10:00	Lyndsey Kaufmann	McMurry University	There's Too Many Words On The Paper: Experiencing Reading Through A Child's Lens Mentor: Dr. Ann-Marie Lopez-Esquivel

9:15 am – 10:30 am Session E: Graduate Poster 1: Ballroom

GR1	Kat Torrago	University of New Orleans	Man of the Borderlands: the life of Luis of Saric and Race, Class, and indigeneity in Spanish America Mentor: Dr. Andrea Mosterman
GR2	Isabel Naquin	University of New Orleans	A Treaty of Almosts: White Eyes, Indigenous Slavery, and the Articles of Nationhood in the Delaware Treaty of 1778 Mentor: Dr. Andrea Mosterman
GR3	April Hill	Texas Woman's University	Using the Special Education Process to Create Meaningful Family-School Partnerships Mentor: Dr. Maria Peterson-Ahmad
GR4	Sweta Srivastava	University of Texas at Arlington	Factors Contributing to Students' College Dropout Mentor: Dr. Maria Trache
GR5	Manali Patel	Louisiana State University Shreveport	The effect of mystery motivator intervention on classroom behaviors Mentor: Dr. Kevin Jones
GR6	Prerana Ramesh	Louisiana State University Health Sciences Center Shreveport	Is Everything Free on the Internet? An Analysis of LSUHS Grant-Associated Publication Citations Mentor: Dr. Julia M. Esparza
GR7	Kaitlyn Morris Kezlie Martin	University of Louisiana at Monroe	The Material Value of Success - An Analysis of Hoarding Behaviors Mentor: Drs. Seth Tackett and Dr. Janelle McDaniel
GR8	Oneisha Thompson	Louisiana State University Shreveport	Henna in Clinic Mentor: Dr. Michael Becerra
GR9	Brennan Remington	University of Louisiana at Monroe	Correlations in Resilience and Religiosity Among Undergraduate Students Mentor: Dr. Seth Tackett
GR10	Mason Hancock Riley Swint Trace Miller Nova Honeycutt	University of Louisiana at Monroe	HEXACO Personality Factors as Predictors of Experience-Seeking Behavior Mentor: Dr. Seth Tackett
GR11	Noah Brown	University of Louisiana at Monroe	HEXACO Personality Factors as Predictors of Sensation-Seeking Behavior Mentor: Dr. Seth Tackett
GR12	Jordyn Stagg Samantha Siegel Samuel Ray Zoie Pace	University of Louisiana at Monroe	HEXACO Personality Factors as Predictors of Thrill-Seeking Behavior Mentor: Dr. Seth Tackett

9:15 am – 10:30 am Session F: Undergraduate Poster 1: Ballroom

UG1	Samritha Selvakumar Shri Abhinaya KR	LeTourneau University	Gender bias in study habits among university students Mentor: Dr. Vicki Sheafer
UG2	Statler Lewis	University of Texas at Tyler	New Roads To More Tears: The Treatment of Indigenous Peoples in the 20th Century Mentor: Dr. Maddox Dotson
UG3	Myles Goldman	University of Louisiana at Monroe	Behind Enemy Lines: Hannibal's Struggle for Influence in Carthage Mentor: Dr. Mr. Tommie Nelson
UG4	Cooper Floyd Joshua Handy Cameron Taylor	University of Louisiana at Monroe	HEXACO Personality Factors as Predictors of Disinhibition Mentor: Dr. Seth Tackett
UG5	Tyeisha Brooks	University of Louisiana at Monroe	Boredom Susceptibility Mentor: Dr. Seth Tackett
UG6	Heaven Brown	Grambling State University	The Impact of Social Groups on Body Image Mentor: Dr. Lee Anna Price
UG7	Myah Chaco	LeTourneau University	The Effect of Being an Only Child or Having Siblings on Parental and Peer Relationships Mentor: Dr. Vicki Sheafer
UG8	Laura Fincher	Texas A&M University- Commerce	Recent SNAP Participation in Farmers Markets: Market Representatives' Perspectives Mentor: Dr. Robert Williams
UG9	Tiffany B. Clements	University of Texas at Tyler	Revealing Invisible Pain Through Art: Curating Empathy for Endometriosis Mentor: Dr. Lauren Kirby
UG10	Austin Reagan Alexis Areias	Louisiana State University Shreveport	A comparison of a clinical self-report measure of impulsivity and an in-situ behavioral impulsivity test Mentor: Dr. Seth Whiting
UG11	Kaeden Lupton	Louisiana State University Shreveport	Neurodivergence, Social Functioning and Quality of Life Mentor: Dr. Tracie Pasold
UG12	Paulina Rocha H.	University of Texas at Arlington	Anxious Scrolling: Prosocial Social Media Content Implications Mentor: Dr Jared Kenworthy
UG13	Tashauna Williams	Sam Houston State University	Disparities Within the Legal System Regarding Black Women Mentor: Dr. Nancy Baker

10:30 am – 11:00 am COFFEE BREAK: Ballroom**11:00 am – 12:00 pm Session G: Graduate Oral Presentations 3: Webster Room**

11:00	Megan Haverstock	Stephen F. Austin State University	Pediatric Chronic Illness and Social-Emotional Development Mentor: Dr. Luis E. Aguerrevere
11:15	Xrystyan Lascano	University of Texas at Tyler	A Model for Empathy Expression Mentor: Dr. Adam McGuire
11:30	Wendy Kyei	Northwestern State University	Comparing Perceived Susceptibility to Cancer and Depression on Students' Likelihood to Engage in Health-Promoting Behaviors Mentor: Dr. Cynthia Lindsey
11:45	Christy R. Collins	Stephen F. Austin State University	Reflective Journaling as a Vehicle for Teaching and Practicing Self-Care Skills Mentor: Emmerentie Oliphant
12:00	Julie Blanchard Yavarian	Northwestern State University	Potential Barriers to Retention and Matriculation of 2 + 2 Engineering Transfer Students: An Ecological Systems Approach Mentor: Dr. Jonathan S. Elmore

11:00 am – 12:30 pm SESSION H: Graduate Oral Presentations 4: Red River Room

11:00	Hari Lal Kharel	Lamar University	Bioremediation of Zinc Using living cells of <i>Galdieria sulphuraria</i> Mentor: Dr. Thinesh Selvaratnam
11:15	Hailey Davis	University of Louisiana at Monroe	Development and Characterization of a Novel Hybrid Hydrogel Mentor: Dr. Haley Barnett
11:30	Kushum K C	Lamar University	Utilizing Downscaled CMIP6 Data for Future Drought and Flood Forecasting Mentor: Dr. Elma Annette Hernandez Uddameri
11:45	Muhammad Taha Qureshi	The University of Tulsa	Lewis Acid Catalyzed Unusual Diels-Alder Reaction Mentor: Dr. Syed Raziullah Hussaini
12:00	Aalok Sharma Kafle	Lamar University	Enhancing Flood Resilience in the Gulf Coast: Integrating Science-Based Strategies with Multi-Criteria Analysis Mentor: Dr. Venkatesh Uddameri

11:00 am – 12:30 pm SESSION I: Undergraduate Oral Presentations 3: Theater			
11:00	Jenna Etheridge	University of Louisiana at Monroe	Electropolymerized Polyphenols for the Elimination of Galvanic Corrosion in the Automotive Industry Mentor: Dr. Emad El-Giar
11:15	Kevin E C Brown	Louisiana State University Shreveport	Waste-to-Chemical Upcycling of Urea at Electrified Gold/Solution Interfaces Mentor: Dr. Jack Baricuatro
11:30	Jenna Etheridge	University of Louisiana at Monroe	Electropolymerized Polyphenols for Elimination of Galvanic Corrosion of Magnesium Alloys in the Automotive Industry Mentor: Dr. Emad El-Giar
11:45	Colton James	Louisiana State University Shreveport	Voltammetric Activation of Aqueous Cyanate Ions at Gold Surfaces Mentor: Dr. Jack Baricuatro
12:00	Ariana Evans	LeTourneau University	Relationship between Academic Success and Caffeine Consumption in ADHD and Neurotypical Students Mentor: Dr. Vicki Sheafer
11:00 am – 12:30 pm SESSION J: Undergraduate Oral Presentation 4: De Soto Room			
11:00	McKenzlea Wise	Northwestern State University	Genetic Analysis of Juvenile Trematodes in Northwest Louisiana Mentor: Dr. Cynthia Doffitt
11:15	KaiLi Coenen	Texas A&M University-Commerce	Gene Expression and Pathway Analysis of X-Linked Chronic Granulomatous Disease Mentor: Dr. Venu Cheriya
11:30	Amya Jackson	Alcorn State University	Long-term Application of Animal and Forest wastes on a Muscadine Vineyard Raised on Heavy Soil and its Effect on Yield and Soil Health Mentor: Dr. Girish Panicker
11:45	Isabella Melton	Louisiana Christian University	Animal Translocation: A Comprehensive Study on the Rates of Success When Relocating K-Selected Species Mentor: Dr. Amanda DuBois
12:00	Karina Santana	Texas A&M University-Commerce	Evaluation of AMB5 Heptapeptides as Metal Affinity Tags, Purification of Proteins, and Its Applications as Therapeutic Peptides Mentor: Dr. Venu Cheriya

11:00 am – 12:30 pm SESSION K: Graduate Poster 2: UC Caddo Bossier Room

GR13	Melanie Green	Louisiana State University Health Sciences Center Shreveport	Knowledge, Attitudes, and Practices among Healthcare Providers towards HIV Pre-Exposure Prophylaxis (PrEP) Mentor: Dr. Deborah G. Smith
GR14	Caroline Brockman	University of Louisiana at Monroe	Reducing Infections After Arthroplasty Mentor: Drs. Aimee Oldham and Caroline Carpenter
GR15	Fredrick Webb	Jackson State University	The Impact of Perceived Racism on Academic Persistency for African-American Male College Students: Role of Racial Identity and Coping Strategies. Mentor: Dr. Eunkyung Yoon
GR16	Shamima Akter Somi	University of Mississippi Medical Center	How Health System Management Has Evolved Over the Years at UMMC Mentor: Dr. Brian Williams
GR17	Shamima Akter Somi	University of Mississippi Medical Center	Exploring The Trend of Phlebotomy in Student Employee Health: Workforce Matters! Mentor: Dr. Brian Williams
GR18	Charles P Daniel	Louisiana State University Health Sciences Center Shreveport	Acromegaly: Pathophysiological Considerations and Treatment Options Including the Evolving Role of Oral Somatostatin Analogs Mentor: Dr. Sahar Shekoohi
GR19	Erica Martinez	University of Texas at Tyler	Analysis of Mental Health and Depression in Caregivers: Findings from the 2021 Texas Behavioral Risk Factor Surveillance System Survey Mentor: Dr. Samantha Estrada
GR20	Kajuandra Chandler-McDuffy	Mississippi University for Women	Improving the Knowledge and Utilization of PrEP by Healthcare Providers in the Mississippi Delta Mentor: Dr. Teresa Hamill
GR21	Angela Nguyen	Louisiana State University Health Sciences Center Shreveport	Understanding the Significance of Autotaxin in Prostate Cancer Pathogenesis Mentor: Dr. Manikandan Panchatcharam
GR22	Carol Upchurch	Louisiana State University Health Sciences Center New Orleans	Persistent Silencing of PV+ Inhibitory Interneurons Results from Proximity to a Subcritical Hopf Bifurcation Mentor: Dr. Carmen Canavier

GR23	Mohammad Soorya	Louisiana State University Shreveport	Effect of the Microbiome on the Efficacy of Anti-Epileptic Drugs in <i>Caenorhabditis elegans</i> Mentor: Dr. Stephanie Villalba
11:00 am – 12:30 pm SESSION L: Undergraduate Poster 2: Ballroom			
UG17	Dylan Brown	Texas A & M University - Texarkana	Effects of Slow Form Tai Chi on Patients with Severe Lower Limb Osteoarthritis. A Systematic Review. Mentor: Dr. Shihui Chen
UG18	Alexa Hinojosa Anacelia Galeano-Balam Jennifer Saldana Santiago	Centenary College	The use of diverse anatomical models increases Black students feeling of belonging and motivation in STEM Classrooms Mentor: Drs. Anna Leal and Peter Zunick
UG19	Collin Callagher	Texas A&M University- Commerce	Differential E-Cadherin Behavior in MCF-7 G1P3 and PQ Cancer Cells Mentor: Dr. Venu Cheriya
UG20	Chinaza Okwuoma	Jarvis Christian College	Green Chemistry Synthesis of Silver Nanoparticles from Aloe Vera Leaf Extract and its Application on Cancer Treatment Mentor: Dr. Shakhawat Bhuiyan
UG21	Esther Chicou	Jarvis Christian College	Green Chemistry Synthesis of Silver Nanoparticles from Mint (<i>Mentha asiatica</i>) Extract and its Application on Cancer Treatment Mentor: Dr. Shakhawat Bhuiyan
UG22	Abigail Link	LeTourneau University	Examining the Implications and Mechanisms of Current UV Filters Against Chalcones on Human Health and Safety Amidst Heightened Ecological Awareness Mentor: Dr. Scott Dyer
UG23	Keyara Harris Erika Oby Rachael Christensen	University of Louisiana at Monroe	Synthesis and characterization of hydrogel biomaterials for drug delivery applications Mentor: Dr. Haley Barnett
UG24	Areeb Ashraf	University of North Texas	Enhancing Patient Outcomes: Developing Predictive Models for Mortality Risk in Acute Ischemic Stroke Patients Mentor: Dr. Tejasvi Parupudi

UG25	Sean Brobston Abigail Link Drew Lessert Tadeen Feroz	LeTourneau University	Evaluation of Culturing Methods for of the Rotifer <i>Brachionus calyciflorus</i> to use as a Model Organism for Toxicological Testing of Potentially Toxic UV Sunscreens to Aquatic Organisms Mentor: Dr. Scott Dyer
UG26	Kalani Myles	Louisiana State University Shreveport	Preliminary Studies of Polymer Solid Acid Catalysts for Esterification Reactions Mentor: Dr. Elizabeth Zippi
UG27	Isabel Brickner	University of Arkansas at Fayetteville	Assessing Long-Term Trends in Water Budget of a Central Arkansas Drinking Water Reservoir Mentor: Dr. Halvor M. Halvorson
UG28	Kathryn Walker Allana Judge	University of Louisiana Lafayette	Elevated Concentrations of Microplastics and Heavy Metals in Necrosols Mentor: Drs. Alessia Corami and Anna Paltseva
UG29	Savannah Spivey	Louisiana Tech University	Corrosion Resistance of Poly (oxy phenylene) (POP) Barrier Coatings on Stainless Steel Using Electrochemical Impedance Spectroscopy Mentor: Dr. Erica Murray
UG30	Emma Livingston Frederick N. Baliraine Josh McLoud	LeTourneau University	Antibacterial Effects of the Southern Prickly Ash, <i>Zanthoxylum clavaherculis</i> Mentor: Dr. Scott Dyer
UG31	Taryn Pledger Olivia Donnelly Wanjiru Gicheru Sarah Kushner	LeTourneau University	Evaluation of hybrid constructed wetlands in the sequestration of physical and chemical contaminants Mentor: Drs. Scott Dyer and Darryl Low
UG32	Laney Boyd Amy Mabile Mary Elizabeth Kuntz Jackson Stanford Levi Sasser	Southwest Mississippi Community College	The Prevalence of <i>Wolbachia</i> in <i>Ips</i> Bark Beetles Mentor: Dr. Lucy McKone

12:30 pm – 1:30 pm

Lunch & Keynote Speaker, UC Ballroom

A box lunch is available for all registered attendees.

Gran Lucas, Ph.D. – President of the Shreveport-Bossier

Astronomical Society, Inc.

Emeritus professor of Biological Sciences – LSU Shreveport
“Terror in the Shadow of the Moon: The Nature of Solar Eclipses”



1:30 pm – 3:00 pm Session M: Graduate Oral Presentations 5: Webster Room			
1:30	Sushma K C	Lamar University	Optimizing Monopole Antenna Arrays on Conductive Surfaces: A Detailed Analysis of Radiation Patterns at 3 GHz Mentor: Dr. Cagatay Tokgoz
1:45	Rakshya Shrestha	Lamar University	Investigating Land Subsidence Dynamics in Beaumont, TX: Insights from C-band Interferometric Synthetic Aperture Radar and Environmental Factors Mentor: Dr. Venkatesh Uddameri
2:00	Sadia Islam	University of Louisiana Lafayette	Use of NDVI to assess plant stress after a storm surge event in freshwater marsh in the coast of Louisiana Mentor: Dr. Jorge A. Villa
2:15	Reena Shrestha	Lamar University	Climate Change and Vegetation Resilience: A Study of the Big Thicket Region of Southeast Texas Mentor: Dr. Venkatesh Uddameri
1:30 pm – 3:00 pm Session N: Undergraduate Oral Presentations 5: Theater			
1:30	Hannah Grace Wilson	McMurry University	The "Other Selves": A Journey of Growth and Self-Discovery in Literature Mentor: Dr. Richard McLamore
1:45	Tarah Elliott	Louisiana Christian University	Whitman: Transcendentalism without Unitarianism Mentor: Dr. Jeannie Gauthier
2:00	Alivia Ragsdale	Sam Houston State University	Literature and the Patriarchy: What about Men? Mentor: Dr. Benjamin Mitchell-Yellin
2:12:	Selena Torres	Louisiana Christian University	The Musical Turmoil of Sweeney Todd Mentor: Dr. Enrico Cannella
2:30	Melanie Martinez Pam Molina	St. Mary's University	"But, why do we do that?: Using R Simulations to Make Introductory Statistics Accessible (and Less Terrifying) to Undergraduate Students"
1:30 pm – 3:00 pm Session O: Graduate Poster 3: Caddo Bossier Room			
GR24	Emily Dantes	Louisiana State University Health Sciences Center Shreveport	Risk factors for Human Papillomavirus (HPV) health disparities among women in rural areas Mentor: Dr. Deborah G. Smith

GR26	Kwabena Darko Addy	University of Louisiana at Monroe	Developing a machine learning algorithm to develop hydrogels optimized for drug delivery applications Mentor: Dr. Haley Barnett
GR27	Asha Thapa	University of Louisiana at Monroe	Host regulation controls the colonization efficiency of <i>Trichoderma harzianum</i> that induces iron deficiency tolerance in garden pea (<i>Pisum sativum</i> ssp. <i>hortense</i>) Mentor: Dr. Ahmad H. Kabir
GR28	Hannah Jarrell	Louisiana State University Health Sciences Center New Orleans	miR-9's Effect on Spiny Neurons in Juvenile and Adult Finches Mentor: Dr. Xiao Ching Li
GR29	Puneeth Kumar Bolugallu Padmayya	Alcorn State University	Optimizing Forensic Workflows: Crime Scene Documentation with Image Stitching Software Mentor: Dr. Ping Zhang
GR30	Bishal Babu Karki	University of Texas at Tyler	Prediction Model for Top-Down Cracking in Asphalt Pavement using Artificial Neural Network Mentor: Dr. Mena Souliman
GR31	Bishal Babu Karki	University of Texas at Tyler	Asphalt Pavement Bleeding Prediction Model Using LTPP Database Mentor: Dr. Mena Souliman
GR32	Pratik Lama	University of Texas at Tyler	Rutting Prediction Model Based on Environmental Conditions in Arizona Using Artificial Neural Network Mentor: Drs. Mayzan. Isied and Mena Souliman
GR33	Tamara Morris	Louisiana State University Health Sciences Center New Orleans	Discriminative Stimulus Effects of Ethanol, Alprazolam and Pentobarbital in Rats Mentor: Dr. Peter Winsauer
GR34	Tanvir Ahmed	University of Texas at Tyler	Advancing Faulting Prediction in Rigid Pavements via Optimization with Physics-Informed Neural Networks Mentor: Dr. Mena Souliman
GR35	Sayla Prova	University of Texas at Tyler	Prediction Model of Rutting in Asphalt Pavements in Different Climatic Regions of USA Using Artificial Neural Networks (ANN) Mentor: Dr. Mayzan Isied

3:00 pm – 3:30 pm Networking and Open Poster: UC Ballroom

3:30 pm – 4:00 pm Awards Ceremony: UC Theater

Planning Committee Members

Dr. Sanjay Menon – Professor of Management and Dean of Graduate Studies

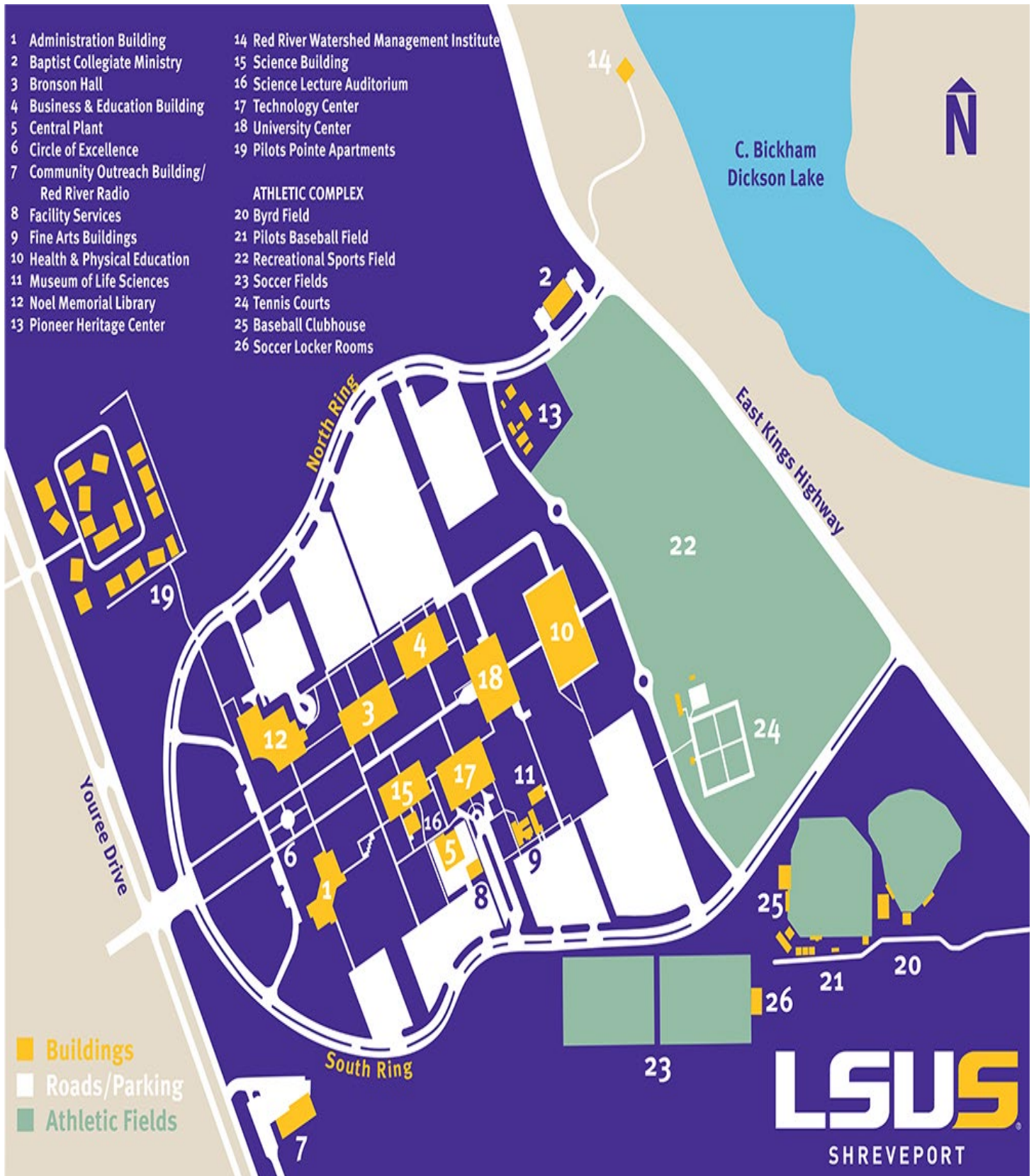
Dr. Elisabeth Liebert – Professor of English and Associate Dean, College of Arts & Sciences

Dr. Stephen Banks – Professor of Biological Sciences

Dr. Kevin Jones – Professor and Director of the Graduate Program in Psychology

Dr. Helen Taylor – Provost and Vice Chancellor for Academic Affairs

Ms. Amanda Lewis – Director of Sponsored Research & Technology Transfer



LSUS 9th Annual Regional Student Scholars Forum

Quick Reference Schedule

8:00 am -8:45 am Registration – UC Lobby

8:30 am -8:45 am Judges and Moderators Meeting – UC Pilots Room (Second Floor)

8:45 am -9:05 am Welcome and Orientation – UC Theater

9:15 am -10:30 am MORNING SESSION I

Session	Title	Location
A	Graduate Student Oral Presentations 1	UC Webster Room
B	Graduate Student Oral Presentations 2	UC Red River Room
C	Undergraduate Oral Presentations 1	UC De Soto Room
D	Undergraduate Oral Presentations 2	UC Theater
E	Graduate Poster Presentations 1	UC Ballroom
F	Undergraduate Poster Presentations 1	UC Ballroom

10:30 am -11:00 pm Coffee Break – Ballroom

11:00 am -12:30 pm MORNING SESSION II

Session	Title	Location
G	Graduate Oral Presentations 3	UC Webster Room
H	Graduate Oral Presentations 4	UC Red River Room
I	Undergraduate Oral Presentations 3	UC Theater
J	Undergraduate Oral Presentations 4	UC De Soto Room
K	Graduate Poster Presentations 2	UC Caddo Bossier Room
L	Undergraduate Poster Presentations 2	UC Ballroom

12:30 pm - 1.30 pm Lunch –UC Ballroom (complementary for registered attendees)

1:30 pm -3:00 pm AFTERNOON SESSION

Session	Title	Location
M	Graduate Student Oral Presentations 5	UC Webster Room
N	Undergraduate Student Oral Presentations 5	UC Theater
O	Graduate Poster Presentations 3	UC Caddo Bossier Room

3:00 pm - 3:30 pm: Networking Break & Open Poster Session – UC Ballroom

3:30 pm -4:00 pm Awards Ceremony – UC Theater