



**LSU's Undergraduate
Research & Creativity Symposium**

April 4, 2017

LSU

Discover
Undergraduate Research

Welcome to LSU Discover Day 2017!

LSU Discover Day is a university-wide undergraduate symposium that provides a platform for students from all disciplines to share their research and creative projects with the entire university. Student presentations include posters, visual art exhibitions, and oral presentations. This event allows the LSU community a chance to publicize and reflect on campus-wide undergraduate student success in discovery, creativity, and research.

Schedule of Events

<u>Time</u>	<u>Event</u>	<u>Location</u>
9:00-11:00 a.m.	Poster Presentations	Royal Cotillion Ballroom <i>LSU Student Union</i>
	Art Show Presentations	Student Union Art Gallery <i>LSU Student Union</i>
1:00-4:00 p.m.	Oral Presentations	Vieux Carré 325 Red River Room 323 Capital Chamber 329 <i>LSU Student Union</i>
4:00-5:00 p.m.	Keynote Speech & Reception <i>Keynote Speaker: Dr. Ginesse Listi*</i>	Atchafalaya Room 339 <i>LSU Student Union</i>
5:00-5:30 p.m.	Awards Ceremony	Atchafalaya Room 339 <i>LSU Student Union</i>

**Read more about our keynote speaker Dr. Ginesse A. Listi (Ph.D. 2008, Tulane University), on page 15.*

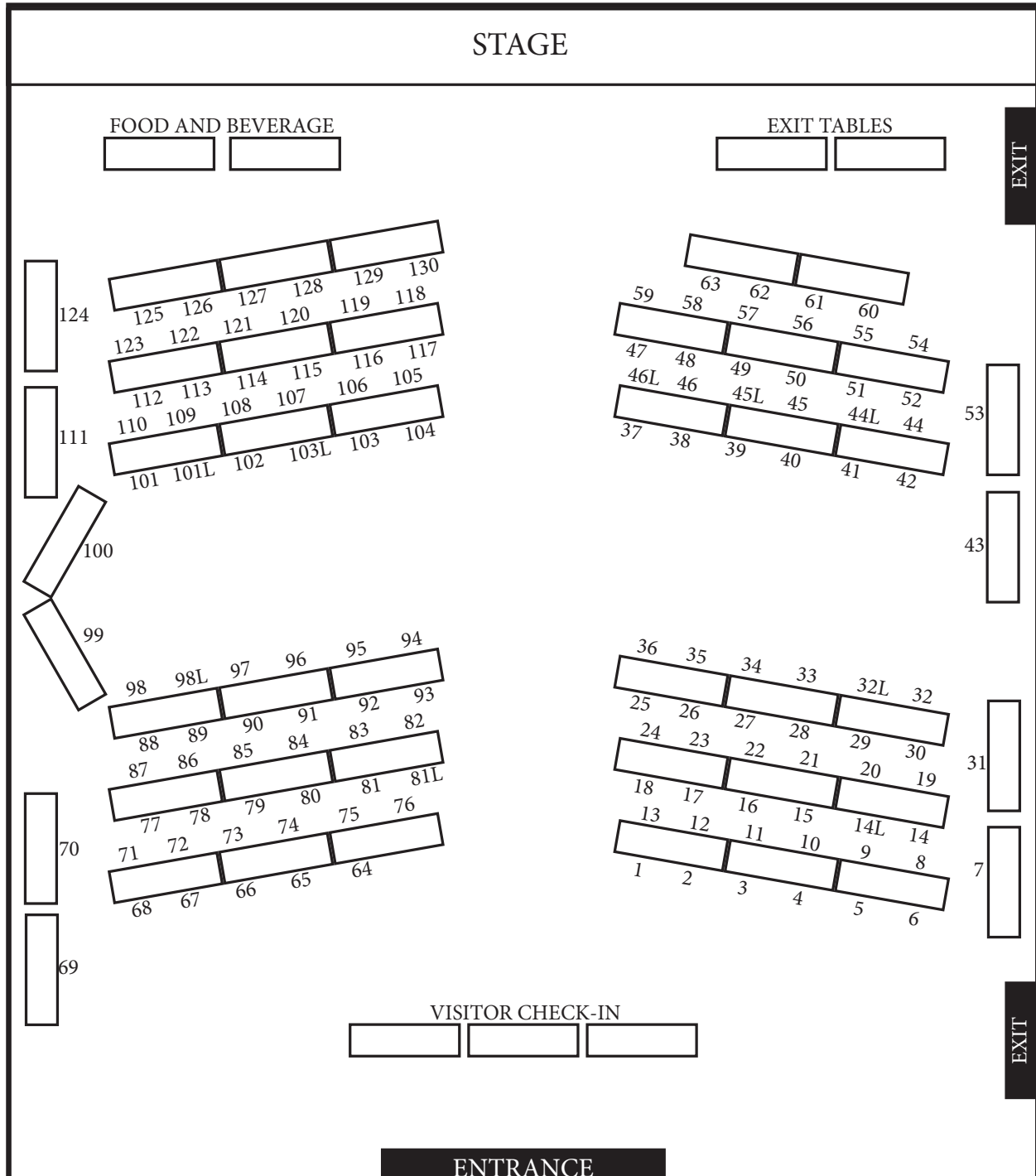
About LSU Discover

LSU Discover, a program under the LSU Office of Academic Affairs, promotes and supports undergraduate research and creative opportunities to students from all disciplines at LSU. With a focus on information literacy, original ideas, research methods, research ethics, and communication, the LSU Discover program strives to provide a supportive environment where all undergraduate students can engage in mentored research and creative endeavors.

To learn more about LSU Discover, visit lsu.edu/discover

Royal Cotillion Ballroom Map

Poster Presentations



- Agriculture: #1-19
- Science: #20-59
- Coast and Environment: #60-63
- Engineering: #64-77
- Mass Communication: #78-79
- Business: #80-81
- Humanities and Social Sciences: #82-98
- Art & Design: #99-101
- Human Sciences and Education: #102-130

Key: L = Laptop

POSTERS

9:00 - 11:00 a.m. | Royal Cotillion Ballroom – LSU Student Union

Agriculture

#	<u>Student</u>	<u>Title</u>	<u>Mentor</u>
14	Torrey Alexis	Surveying the Food Environment of East Feliciana Parish	Carol O'Neil
3	Ryan Ardoin	Flavor Modifications and "Low Sodium" Claim Improve Purchase Intent, Consumer Acceptance, and Emotion of Low Sodium Mayonnaise Spread	Witoon Prinyawiwatkul
9	Katherine Burley	Impact of the Great Recession on Parish Governments in Louisiana	Matthew Fannin
15	Grace Cange	Root Colonization Rates of Arbuscular Mycorrhizal Fungi from Different Rice Producing Area	Michael Stout
19	Greer Darden	Response of Microbial Biofilm Structures under the Stress of Elevated Environmental CO ₂ Concentration	Wei Xu
16	Kathryn Davis	Range Fluctuation of Bachman's Sparrow (<i>Peucaea aestivalis</i>) in the Early 20th Century	Sabrina Taylor
4	Ashley Edwards	A Bioinformatics Approach to DNA Vaccine Design in <i>Salmonella javiana</i>	Richard Cooper
11	Lauren Gatenby	Comparison of the Conventional ICSI Method Utilizing a Beveled Pipette and Piezo Drill Mediated ICSI in Bovine Oocytes	Kenneth Bondioli
7	Hannah Haddad	The Effects of Season on Physical Activity in Overweight and Obese Youth Enrolled in a Behavioral Weight Loss Program	Amanda Staiano
18	Norlethia Harris	Effects of a Low Protein Diet Prior to Slaughter on Beef Tenderness	Shannon Cruzen
10	Courtney Healy	Response of Calreticulin in the Eastern Oyster under Stress of Increased Environmental CO ₂ Concentration	Wei Xu
5	Jace Hood	The Effects of Ocean Acidification on <i>Prymnesium parvum</i>	Reagan Errera
2	Julie Huynh	The LSU College of Agriculture Undergraduate Experience: An Evaluation of Minority Student Activities, Preferences, and Needs	Lucien Laborde
12	Stephanie Korle	A Diagnostic Test to Detect Biologically Active Thyroid Stimulating Hormone	Richard Cooper
13	Samantha Lanjewar	Mimicry of the Human Alzheimer's Mutation in Pigs Using CRISPR/Cas9 Editing of the Porcine APP Gene	Kenneth Bondioli
1	Ashley Reddicks	Characterization of a Novel <i>Citrobacter rodentium</i> Phage	Claudia Husseneder
17	Molly Robin	Using the Remote Food Photography Method to Measure Change in Adolescents' Dietary Intake after Participating in a Nutrition-Education and Culinary Skill-Building Program: An Exploratory Study	Georgianna Tuuri
6	Sarah Thomas	The Ecological Importance of Dragonflies and Damselflies	Michael Kaller
8	Hannah Tonry	Developing Diagnostic Tools for the Rapid Identification of <i>Cercospora</i> Species on Soybean	Vinson Doyle

Art & Design

#	<u>Student</u>	<u>Title</u>	<u>Mentor</u>
101	Kathryn Freeman	The Determined Layover: A Study of Design Focused Service	Marsha Cuddeback
99	Zachary McLain	Building for the Water	Jeffrey Carney
100	Amanda Verastegui	Cohesion: Land and Infrastructure	Jeffrey Carney

Coast & Environment

#	<u>Student</u>	<u>Title</u>	<u>Mentor</u>
60	Kyle Candilora	Oxygen Dynamics in Low Flow Bayous in South Louisiana	Tracy Quirk
63	Amanda Fontenot	Eroding Wetland Soils in Coastal Louisiana's Barataria Bay Could Impact Future Climate and Sea Level Rise	John White
61	Katelyn Lamb	Isotopic Analyses of Coastal Seabirds Collected from Louisiana in 2010 During the Deepwater Horizon Natural Resource Damage Assessment	Michael Polito
62	Courtney Murr	Stable Isotope Diet Analysis of Three Pygoscelis Penguin Species	Michael Polito

Engineering

#	<u>Student</u>	<u>Title</u>	<u>Mentor</u>
64	Hawber Abdulqader	Multiple-Gene Release Using Multiplexed Magnetic Heating of Single Crystal Nanoparticles	John Pojman
72	Dominique Angibeau	Evaluation of Osteogenesis in Different Scaffolds Using Multipotent Stromal Cells	Mandi Lopez
73	Jeremy Baker ^B	Examining Degenerative Joint Diseases in Horses Using a 3D Computer Model	Michelle Osborn
69	Brendan Copley	Integrating Marsh Soil Strength and Failure Progression in Marsh Edge Erosion Models for Coastal Louisiana	Navid Jafari
75	Riad Elkhanoufi	Population-Based Detection of Cell Penetrating Peptide Uptake in a Microfluidic Droplet Trapping Array	Adam Melvin
71	Lucy Guo	Dross Formation Mechanisms and Impact for Selective Laser Melting	Shengmin Guo
65	Charles Kearney	Assistive Exoskeleton for an Extremity Utilizing Soft Robotics	Jin-Woo Choi
76	Karim Khattab	Computer Aided Design [CAD] and 3D Printing of Mechanical Apparatus for Hand Orthotic	Jin-Woo Choi
77	Grant Landwehr	Quantification of the Effects of High Fluid Shear Stresses on Single Circulating Tumor Cells Using a Microfluidic Device	Adam Melvin
74	Ray Poche	Retrofitting Building Roofs with Aerodynamic Features and Solar Panels to Reduce Hurricane Damage and Enhance Eco-Friendly Energy Production	Aly-Mousaad Aly
70	Amelia Schexnayder & Lauren Nickles	Breaking Hypoxia-Reaerating the Northern Gulf Shelf?	Louis Thibodeaux
68	Jazmine Staten	Analyzing User Comments on YouTube Coding Tutorial Videos	Anas Mahmoud
67	Connor Tiersch	3-D Printed Vitrification Devices	Todd Monroe
66	Jon Wilson	The Chiral Coefficient: Rapid Optimization of Plasmonic Chirality	Kevin McPeak



LSU Discover Day 2016

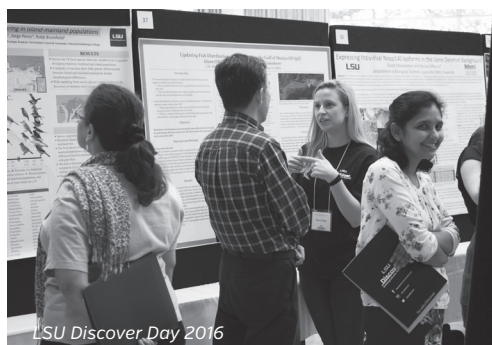
Human Sciences & Education

#	Student	Title	Mentor
109	Allison Antie	Using Physical Activity to Increase On-Task Behavior in a Preschool-Aged Child	Cynthia DiCarlo
106	Kelli Attales	Lowering the Classroom Noise Level During Centers through Verbal Reinforcement	Cynthia DiCarlo
125	Taylor Bell	Using Visual Feedback to Decrease Defiance in a Preschool-Aged Child	Cynthia DiCarlo
111	Kali Boquet	Using Positive Praise and Planned Ignoring to Increase Hand Raising in a Kindergarten-Aged Child	Cynthia DiCarlo
108	Mary Mercer Buquet	Planned Ignoring With Temper Tantrums	Cynthia DiCarlo
127	Sarah Bushnell	Teaching with Strengths in Trauma-Affected Students: A New Approach to Healing and Growth	Cynthia DiCarlo
124	Megan Daley	Increasing On-task Behaviors in a Kindergartener by Implementing Physical Activity	Cynthia DiCarlo
104	Allison Davidson	Increasing Social Interaction Using Peer Partners in a Kindergarten-Aged Child	Cynthia DiCarlo
128	Victoria Donze & Shyrece Celestine	The Influences of Age, Foot Sensation, and Gaze Direction on Foot Placement During Goal-Directed Stepping	Jan Hondzinski
112	Allison Fields	Increasing On-Task Behavior Using Positive Reinforcement Intervention on a Pre-School-Aged Child	Cynthia DiCarlo
115	Taylor Fournier	Using Child Preference to Ease the Morning Transition to School in a Preschool-Aged Child	Cynthia DiCarlo
119	Whitnee Gray	Using Social Modeling to Increase Peer-To-Peer Request for Assistance in Kindergarten	Cynthia DiCarlo
129	Rachel Herr & Haley Englade	Note Taking Supports Retention: Does the Mode of Note Taking Matter for College Students?	Arend Van Gemmert
105	Lydia Huck	Investigating the Relationship between Birth Order of Siblings and Fundamental Motor Skill Competency in Children	Elizabeth Webster
116	Jasmine Jackson	Using Verbal Praise and Planned Ignoring to Improve Child Behavior During Whole Group Instruction in Kindergarten	Cynthia DiCarlo
103	Caroline Jordan	Preferential Seating	Caroline Jordan
114	Mary Morgan Kelley	Using a Multisensory Activity to Increase Letter and Phoneme Identification in a Pre-Kindergarten-Aged Child	Cynthia DiCarlo
121	Morgan Lahasky	Using Multisensory Activities to Increase Number Recognition in Preschool-Aged Children	Cynthia DiCarlo
117	Kelsey LeDoux	Increasing Numeral Identification Using a Number Board Game In a Preschool-Aged Child	Cynthia DiCarlo
118	Johanna Majors	Decreasing Socially Inappropriate Communication Using Social Stories in a Preschool-Aged Child	Cynthia DiCarlo
107	Lindsey Melancon	Using "FUNtervals" to Increase On-Task Behavior in a Kindergarten-Aged Child	Cynthia DiCarlo
126	Nhu Nguyen	Teaching Effective Handraising Using a Visual Cue in a Kindergarten Classroom	Cynthia DiCarlo
123	Delaney Olister	Using Storybook Intervention to Increase Social Interaction	Cynthia DiCarlo
120	Sarah Rao	Using Least-to-Most Prompting to Increase Child Compliance to Teacher Directives in a Preschool-Aged Child	Cynthia DiCarlo
110	Caroline Schneider	Handwriting Versus Typewriting: What Amount of New Information Is Remembered During Dictation?	Arend Van Gemmert

113	Lauren Seaner	Using Encouragement to Decrease Tantrums in a Preschool-Aged Child	Cynthia DiCarlo
122	Stephanie Sommers	Increasing Hand Raising Using Visual Cues in a Kindergarten-Aged Child	Cynthia DiCarlo
102	Frances Thompson	Can a Physical Activity Intervention Improve Letter and Sound Recognition for a Child in Kindergarten?	Cynthia DiCarlo
130	Katie Tso & Lila Molina	Investigating the Reliability of the Youth Psychology and Movement [YPM] Lab Protocol for Training TGMD-3 Novice Coders	Elizabeth Webster

Humanities & Social Science

#	Student	Title	Mentor
96	Caitlin Cox ^B	Genetics of Specific Language Impairment: Race, Gender, and Positive Family History	Janna Oetting
92	Katherine Davis	Trauma, Resilience, and Alcohol Use Among College Students	Amy Copeland
83	Heather Delaune	Relationship Between Autism Characteristics and Nonverbal Intelligence of Young Children	Daphne Hartzheim
87	Eileen DeLeo	Unintended Consequences for TANF: An Incubator for Domestic Violence	Belinda Davis
85	Bryanna Fields ^S	The Effects of Reversibility as an Attribute in Decision Making	Jason Harman
93	Elizabeth Joseph	The Relationship Between Children's Screen-Time Inside and Outside of Preschool	Amanda Staiano
89	Samantha Knotts	Effects of Pre-Admonition Suggestion on Eyewitnesses' Identification Rates and Retrospective Judgments	Sean Lane
88	Meighan Lambert	Relationship Between Language Skills and Barriers to Transitioning in Children with Autism	Daphne Hartzheim
95	McKenzie LeMaire	Public Housing in New Orleans: Socioeconomic and Racial Segregation Within the Neoliberal Political Context	Gaines Foster
97	Mary Kate McHugh & Jillian Davis	Childhood Speech and Language Screening: Fail Rates by Age, Gender, and Setting	Janna Oetting
82	Darien Northern	Osteological Analysis of Human and Non-Human Remains	Ginesse Listi
84	Catherine M. Pinas	Does Individualized Music Reduce Agitation and Increase Quality of Language in Dementia Respite Center Clients?	Neila Donovan
90	Sarah Ramaraj	Relationship Between Language Skills and Functional Barriers of Learning in Children with Autism	Daphne Hartzheim
86	Shelby Stewart ^S	Using Low Socioeconomic Status and Poor Sleep as Predictors for Problematic Alcohol Use and Drinking Motivations	Amy Copeland
98	Cristina Tefel	An Acoustic Study of Vowel Production in Speakers with Parkinson's Disease	Yunjung Kim
94	Francesca Tusa	Recruitment of Adults who Stutter to Participate in Research	Geoffrey Coalson
91	Elizabeth Weltman	Fear of Campus Mass Shootings: Media Consumption and Attitudes toward Campus Firearm Policies	Michael Barton



Science

#	Student	Title	Mentor
45	Christopher Abadie	Near-field and Far-field Spatial Profiles of Solid-State Harmonics	Mette Gaarde
55	Chandler Aucoin & Camile Cardenas	A Test of the Hypothesis that Epidermal Microbiomes Differ Based on Gender	Gary King
25	Rory Bentley	Searching for High Energy Stellar Systems in the Center of the Milky Way	Robert Hynes
46	Evan Boatwright	Evaluation of Wrist Range of Motion in Daily Activities Using 3D Motion Analysis Technology	Mandi Lopez
56	Nick Coxe & Micheline Guida	Do Managed Animal Populations Affect Soil Microbial Communities - A Comparison of Ruminants and Non-Ruminants from the Baton Rouge Zoo	Gary King
21	Joseph DeCorte	NLRC4 Inflammasome Triggers Necroptotic Cell Death to Dampen Host Defense in Methicillin Resistant Staphylococcus Aureus-Induced Pneumonia	Samithamby Jeyaseelan
54	Amber DePoy & Kendra Williamson	Comparative Analysis of Water-Stressed Playa Soil, Saline Soil and Halophyte Rhizosphere Microbiomes	Gary King
57	Rebecca Duhon & Tabitha Kearns	A Comparative Analysis of Felid and Canid Gut Microbiomes	Gary King
35	Kendall Gaudin	Inferring Marsupial Biogeography with Ultraconserved Elements	Jake Esselstyn
58	Bailey Gentile & Victoria Nielsen	Impacts of Land Use on Urban Soil Microbiomes	Gary King
30	Katherine Gerosa	Optimization of Novel Nanoparticle-Enzyme Based Hybrids (NEBH) Synthesis: Inserting Selected Electron-Spin-Hole (ESH) Transfers	Kresimir Rupnik
27	Steven Grouchy ^B	Smartphone-Based Fluorescence Imaging System for Food Pathogen Detection	Manas Gartia
22	Calla Harper	Targeting Misconceptions and Improving Teaching Methods of Vector Calculus	Stephen Shipman
23	Katherine Henry	Soil Microbiome Responses to Flooding	Gary King
42	Mina Hibino ^U	An Alternative Treatment: Human Serum Albumin Nanoparticles for Drug Delivery and Release	Matthew Tarr
32	Bianca Hilderbrand	Construction of Recombinant Oncolytic Adenoviral Vectors for Targeted Breast Cancer Therapy	Michael Mathis
59	Ryan Hoffman	Physiological Plasticity and Tolerance of Fundulid Killifish Species to Aquatic Hypoxia	Fernando Galvez
34	John Johnson	Identifying the Genetic Component Responsible for Salt-Induced Flowering in the Extremophyte <i>Schrenkiella parvula</i>	Maheshi Dassanayake
51	Tayla Kelly-Epps ^B	Effect of In Utero Second-Hand Smoke Exposures on Elastase-Induced Emphysema in Adult Male Mice	Alexandra Noel
38	Stacey Knowles	Determining PAI-1 Stability Ensuing Metallic Binding	Yuzhuo Chu
41	Victoria Lanclos	The Cultivation, Ecology, and Physiological Characterization of Novel SAR11 Taxa	Cameron Thrash
37	Jessica Le & Arlen Burson Jr.	Measuring Earthquake Ground Motion near the San Andreas Fault with an Urban Deployment of Modern Seismometers	Patricia Persaud
43	Alexander Lee & Joshua Maciejewski	The Horse in Motion: Animating the 3D Reconstructed Skeleton from Equine CT Data	Michelle Osborn
31	Connor Martin	The Calculation of All Non-integer Dimensions Less Than or Equal to Two	Frank Neubrandner
44	Chandler McArthur & Brooke Mendoza	The Algorithmic Generation of Two-Dimensional Shapes	Frank Neubrandner

U denotes University of New Orleans student

B denotes Baton Rouge Community College student

29	Catherine Morejon-Garcia	Cure-On Demand Bone Restoration using Thermal Frontal Polymerization	John Pojman
52	Emily Nall	Physiological and Genomic Characterization of Novel Coastal Isolate of the OM252 Clade	Cameron Thrash
36	Khang Pham	Localization of Interacting Particles in a Random Potential Well	Juana Moreno
33	Maxwell Reeser	Matrix Multiplication and Parallelization: HPX and OpenMP	Hartmut Kaiser
39	Ryan Riggs	CaCO ₃ %, Gamma Ray Spectroscopy and Magnetic Susceptibility Variability throughout the Paleocene-Eocene Boundary Interval	Brooks Ellwood
50	Ashley Schoonmaker & Lauren Rodriguez	Stop and Go, Fast and Slow: Can the Covarion Model of Rate Variation Improve Our Understanding of Phylogenies and Molecular Evolution?	Jeremy Brown
49	Harvey Shows III	The Shape of Beryllium-8: A Symmetry-Based Analysis	Kristina Launey
47	Aimee Soileau	Characterization of Equine Hoof Stem Cells	Mandi Lopez
20	Alexa Tafaro	Investigating Binding Studies of Scc4 and Beta-flap in <i>Chlamydia trachomatis</i>	Megan MacNaughtan
24	Daniel Vilchez	Differential Expression of Putative Pheromone-Detecting Cells and Receptors in the Olfactory Epithelium of an African Cichlid Fish	Karen Maruska
28	Jessica Villers	Tourmaline as an Indicator of Ore-Forming Fluids in the Tin and Silver Deposits of Bolivia	Darrell Henry
26	Derek Walker	LArIAT Beam Line Composition	Martin Tzanov
48	Jonathan Whitley ^B	Paraventricular Hypothalamic Activation is Required for Hippocampal Stress and Glucocorticoid Receptor Over-Expression in Fear-Induced Stress	Charles Lee
40	Sarah Whitlow	Swim Bladder Morphology Changes with Female Reproductive State in the Mouthbrooding African Cichlid <i>Astatotilapia burtoni</i>	Karen Maruska
53	Stacey Wieseneck	Toy Model of Density of Bound States	Stephen Shipman

Business

#	<u>Student</u>	<u>Title</u>	<u>Mentor</u>
80	Rachel Gravois	LSU Students' Perception of and Reaction to the Declining Funding of the TOPS Program	Fran Lawrence
81	Young Ju	Productivity Trends in US Private Industries and Louisiana	Areendam Chanda

Mass Communication

#	<u>Student</u>	<u>Title</u>	<u>Mentor</u>
79	Kaelen Delaune	The Effects of Inspirational Media	Meghan Sanders
78	Jacques Petit	Louisiana Democratic Precincts of Interest	Joshua Darr

ORAL PRESENTATIONS

1:00 p.m. - 4:00 p.m. | LSU Student Union – *Room as noted*

Red River Room 323

Disciplines Represented: *Science, Technology, Engineering, and Mathematics*

<u>Time</u>	<u>Student</u>	<u>Title</u>	<u>Mentor</u>
1:00	Abbey Hotard	Carbon Sequestration of Salt Marsh Biofilm	Giulio Mariotti
1:15	Shannon Matzke	Effects of Nutrient Enrichment and Sediment Addition on Productivity of <i>Spartina patens</i>	Tracy Quirk
1:30	McKenzie Brandon & Madelyn McFarland	Effects of Timber Harvest on Avian Abundance and Diversity	Kevin Ringelman
1:45	Abigail Heath	The Extent of Bioturbation in the Ross Sea, Antarctica	Philip Bart
2:00	Kaylee Woodard	Micro and Macroscopic Characterization of New Lithium Ion Electrolytes	Daniel Kuroda
2:15	Jackson Mierl	A Computational Approach to Genetic Discovery for Congenital Heart Disease	Bruce Gelb
2:30	Christian Danielson	Development of the Fabrication Process and Design of 3D-Folding Shrinky Dinks	Kidong Park
2:45	Giuseppe Feo	Quantitative Assessment of High Pressure Hazards in Oil and Gas Operations	Wesley Williams

Vieux Carré Room 325

Disciplines Represented: *Humanities, Social Sciences, and the Arts*

<u>Time</u>	<u>Student</u>	<u>Title</u>	<u>Mentor</u>
1:00	Bernadette St. Amand	Gender Performance and Embodied Performativity in Ballroom Dance	Deborah Goldgaber
1:15	Cooper Doyle ^L	Miracle on Ice: Unremarkable Queerness and Radical Normalization in Yuri on Ice	William Rogers
1:30	Benjamin Rhodes ^L	"She's Got a Penis:" The Cultural Influence of Transgender Representation in Film	William Rogers
1:45	Camille Boechler ^S	The Potential Worlds of 2001: Imagining a Queer Physicality in Stanley Kubrick's 2001: A Space Odyssey	Chris Barrett
2:00	Emily Owen	Forcibly Sterilized in the United States	Catherine Jacquet
2:15	Kirsten Collins	Mirrors of Women	Laura Mullen
2:30	Connor Rouillier ^S	This Better Had Be One Lexical Item: The Modal Verb Better Had in Southeastern Louisianan English	Gregory Johnson
2:45	Katherine Vukovics	Using nPVI to Examine the Role of National Musical Styles in the Works of Non-Native Composers	Daniel Shanahan
3:00	Celia Crifasi & Melissa Guarisco	Understanding of the Discourse of the Virtuosi of France	Leslie Tuttle
3:15	Tiffany McCauley	Learning and Generalizing Grammatical Gender Using an Artificial Language	Janet McDonald

Capital Chamber Room 329

Disciplines Represented: *Humanities, Social Sciences, and the Arts*

<u>Time</u>	<u>Student</u>	<u>Title</u>	<u>Mentor</u>
1:00	Kimberly Doughty ^L	Unleash His Inner Monster: Victor's "Filthy Creation"	Jana Giles
1:15	Blake Allen	The Would-Be Murderer at the Door: Kant on the Duty of Truthfulness	Husain Sarkar
1:30	Mary Hillman ^L	Of Monsters, Modernists, and Magic: Anglocentrism in Post-Tolkien Popular Culture	William Rogers
1:45	Anastasia Hanson ^L	Strap on Your Sword: Crossdressing in Shakespeare's As You Like It	William Rogers
2:00	Carrie Williamson ^L	Reaching the Sublime Through Intellectual Reason	Jana Giles
2:15	Patrick Isacks	Fractured Europe	Leonard Ray
2:30	McKenzie Cramer ^L	Who's Who?: Edward Albee's Blurred Borders and Disassembled Identities	Janet Haedicke
2:45	Bonnie Dupre	Music and Memory: Effects on Language Quantity and Agitation in People with Dementia	Neila Donovan
3:00	Lauren Leistman	Interpretation Biases in Trait Anxious Individuals After Exposure to a Stress Manipulation	Matthew Calamia
3:15	Joan Lyons	Crisis Communication Socio-Economic Inequalities and Governmental Risk Management Analysis During The 2016 Baton Rouge Floods	Bob Mann
3:30	Jasmin Gosey	Law Enforcement Perceptions	Juan Barthelemy

Special Presentation - Red River Room 323

A special sound-art installation will be held in this room from 3:30 - 4:00 p.m.
Discipline Represented: *Music & Dramatic Arts*

<u>Time</u>	<u>Student</u>	<u>Title</u>	<u>Mentor</u>
3:30	Matthew Williams	medit8	Edgar Berdahl

LSU Discover Day 2016



JURIED STUDENT ART SHOW

9:00 - 11:00 a.m. | Union Art Gallery – LSU Student Union

Juried by: Tom Sofranko, Johanna Warwick & Grace Tessein

Art & Design

<u>Student</u>	<u>Title</u>	<u>Media</u>	<u>Mentor</u>
Kayla Calongne	Blossom	Oil on Canvas	Marsha Cuddeback
Jessica Chappuis	Blindfold	Painting	Kelli Kelley
Brady Connelly	Comfort Food	Gelatin Silverprint	Johanna Warwick
Vernell Dunams ^S	If You Please	Photography	Johanna Warwick
Joelle Ferrara	Patchwork	Ceramic	Andy Shaw
Zach Fox	Calendar for My Life	Mixed Media	Kristine Thompson
Demi Francois	Foxglove Vertebrae	Printmaking	Kelli Kelley
Wendy Gilley	What the Duck Saw	Ceramic & Mixed Media	Andy Shaw
Sara Hamilton	Breathable Bowl	Photography	Johanna Warwick
Mariel Jones	Goddess of Anarchy, Child of Capitalism	Etching	Leslie Koptcho
Savanna LaBauve	The Pierced Collection	Ceramic	Andy Shaw
Jacob Lagasse ^A	Morphosis	Ceramic & Mixed Media	Andy Shaw
James Letten	LSU 1954	Photography	Kristine Thompson
Justin Patin	Bear Island	Photography	Thomas Neff
Terrin Sampey	Societal Gaze - Photo Project	Photography	Johanna Warwick
Madelyn Smith & Trent Andrus	Louisiana Gone	Photography	Zack Godshall
Brandon Surtain	Free Lunch	Painting	Kelli Kelley
Madeline Vezain	1400 Miles	Photography & Book	Johanna Warwick



If You Please, by Vernell Dunams

2017 DISCOVER SCHOLARS

Congratulations to the 2017 LSU Discover Scholars! The LSU Discover Scholar award recognizes students who exemplify the potential for undergraduate research and creative endeavors at LSU. These outstanding students were nominated by a faculty member and selected by a panel of judges:



Camille Boechler, College of Humanities & Social Sciences

Originally from Baton Rouge, Louisiana, Camille is a senior liberal arts major with a concentration in film and media arts. After her May 2017 graduation, Camille plans to take a gap year and later attend graduate school to obtain her doctoral degree. Camille will be giving an oral presentation on her research, titled *The Potential Worlds of 2001: Imagining a Queer Physicality in Stanley Kubrick's 2001: A Space Odyssey* at 1:45 p.m. in the Vieux Carré Room 325.



Vernell Dunams, College of Art & Design

Vernell is a junior photography and Spanish double major by way of New Orleans, Louisiana. After his graduation in May 2018, Vernell plans to perfect his crafts and work as a practicing artist and fine arts photographer. He hopes to later attend graduate school and obtain an advanced degree in photography and/or Spanish. Vernell's piece titled *If You Please* is on display in the Student Union Gallery as part of Discover Day's Juried Student Art Show.



Bryanna Fields, College of Humanities & Social Sciences

Bryanna is a senior psychology major hailing from Fond du Lac, Wisconsin. After her May 2017 graduation, Bryanna plans to attend graduate school and continue research on the mathematical modeling of decision-making psychology. Bryanna is presenting a poster on her research titled *The Effects of Reversibility as an Attitude in Decision Making*. Visit her at poster #85 in the Royal Cotillion Ballroom.



Connor Rouillier, College of Humanities & Social Sciences

A Baton Rouge, Louisiana native, Connor is a sophomore anthropology and religious studies major with double minors in linguistics and Arabic studies. Connor is expected to graduate in May 2019 and plans to pursue a master's and a doctoral degree in Linguistics. Connor will be giving an oral presentation on his research titled *This Better Had Be One Lexical Item: The Modal Verb Better Had in Southeastern Louisianan English* at 2:30 p.m. in the Vieux Carré Room 325.



Shelby Stewart, College of Humanities & Social Sciences

Shelby is a senior psychology and criminology major from Metairie, Louisiana. She is expected to graduate May 2017 and plans to attend graduate school to pursue a Ph.D. in clinical psychology. Shelby is presenting a poster on her research titled *Using Low Socioeconomic Status and Poor Sleep as Predictors for Problematic Alcohol Use and Drinking Motivations*. Visit her at poster #86 in the Royal Cotillion Ballroom.

Special Thanks

LSU Discover would like to give special thanks to all of the individuals and groups who contributed to the success of LSU Discover Day 2017. Special gratitude is extended to Dr. Sandi Gillilan, Associate Vice President for Institutional Effectiveness, the LSU Discover Advisory Board, and the jurors for the Student Art Show: Tom Sofranko, Johanna Warwick and Grace Tessein. We would also like to thank Student Union Director of event management and marketing, Rachel Henry, CMDA graduate student Chris McCardle, and all of the volunteers for their help with the coordination of this event.

Warm thanks to faculty mentors for their hard work, dedication to students, and efforts to inspire the next great generation of researchers and creative thinkers.

Thank You

LSU Discover Advisory Board

Troy Blanchard, *College of Humanities & Social Sciences*
Michael Blandino, *Ogden Honors College*
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Joseph Givens, *McNair Scholars Program*
Letitia O'Connor, *E.J. Ourso College of Business*
Isaiah Warner, *Office of Strategic Initiatives*
Sibel Bargu Ates, *College of the Coast & Environment*
Tom Sofranko, *College of Art + Design*
Sheri Wischusen, *College of Science*
Kenneth "Kip" Matthews, *College of Science*
James Miller, *School of Veterinary Medicine*
Meghan Sanders, *ManSHIP School of Mass Communication*
Gloria Thomas, *Office of Strategic Initiatives*

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LSU Ogden Honors College
LSU Office of Academic Affairs

This is the first year that LSU Discover Day has been open to participants from other colleges. Thank you to the following colleges for participating:

Baton Rouge Community College
University of Louisiana at Munroe
University of New Orleans

LSU Discover Staff

Carol O'Neil, *Director*
Sarah Ferstel, *Program Manager*
Naomi Clement, *Graduate Assistant*
Kwan Rhea, *Graduate Assistant*
Grace Tessein, *Graduate Assistant*
Logan Weber, *Student Worker*
Taylor Durand, *Student Worker*

Keynote Speaker

Dr. Ginesse A. Listi



Dr. Ginesse A. Listi (Ph.D. 2008, Tulane University) is the Director of the Louisiana State University Forensic Anthropology and Computer Enhancement Services (LSU FACES) Laboratory and an Assistant Professor in the LSU Department of Geography and Anthropology. In addition to forensic anthropology, her research interests include the dietary transition and temporal changes in the health of prehistoric populations living in the southern Lower Mississippi Valley. She is a Diplomate of the American Board of Forensic Anthropology, a Fellow in the American Academy of Forensic Sciences, and a member of the American Association of Physical Anthropologists and the Southeastern Archaeological Conference.

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