Program

Seventh Annual International Research Conference for Graduate Students

November 17-18, 2015

Tuesday, November 17
Conference Opening Panel, Reception and Poster Session

Wednesday, November 18
Keynote Address and Awards Luncheon
Concurrent Sessions

The Graduate College Thanks Our Sponsors

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Conference Opening

Tuesday, November 17
5:00p.m.-6:00p.m.
LBJ Student Center Ballroom

Welcoming Remarks

Dr. Andrea Golato
Dean, The Graduate College, Texas State University

Distinguished Research Panel

Dr. Ian B. Davidson
Professor of Music

Dr. Jesus F. de la Teja
Professor of History

Dr. Caitlin Gabor
Professor of Biology

Dr. Carmen E. Westerberg
Assistant Professor of Psychology

Student Moderator: Rebecca Silvas, Mass Communication, Graduate House Representative, Texas State University

Reception and Poster Session

6:00p.m.-7:30p.m.
Reception and Poster Session
6:00 p.m.—7:30 p.m.
LBJ Student Center Ballroom

6:00 p.m.—7:30 p.m.: Poster Sessions (Respondents will provide feedback)
Hors d’oeuvres will be served at the reception.

Anthropology

Variation in the Trabecular Structure of the Proximal Tibia between Obese and Non-obese Females
Devora Gleiber, Cassie Skipper, Deborah Cunningham, Daniel Wescott, Anthropology, Texas State University

The Effect of Plastic Tarps on the Rate of Human Decomposition during the Spring/Summer in Central Texas
Chloe McDaneld, Anthropology, Texas State University

Bone Histology Sampling Sites for the Identification of Undocumented Border Crossers Along the U.S.-Mexico Border
Lauren Meckel, Sophia Mavroudas, Kate Spradley, Anthropology, Texas State University, & Victoria Dominguez, Anatomy, The Ohio State University

Testing the Applicability of Walker (2008) Cranial Nonmetric Sexing Traits on Undocumented Border Crossers Along the South Texas border
Cassie Skipper, Brittany S. McClain, Marilyn Isaacks, Daniel Wescott, Anthropology, Texas State University

Respondent: Dr. Elizabeth Erhart, Elizabeth, Anthropology, Texas State University

Biology

Characterization of Chromatin-remodeling Factors in Plant Immunity
April Bonnard, Yogendra Bordiya, Ji Chul Nam, Hong-Gu Kang, Biology, Texas State University

Optic Nerve Astrocytes of Zebrfish (Danio rerio) as a Model for Aging Studies Linked to Alzheimer’s Disease in Humans
Pedro Gonzalez Jr., Melissa Esparza, & Dana M. Garcia, Biology, Texas State University

Effects of NSF GK-12 Resident Scientists on Student Attitudes: A Five-Year Study
Lisa Hanson & Julie Westerlund, Biology, Texas State University

Respondent: Dr. Manish Kumar, Biology, Texas State University

Chemistry & Biochemistry

Molecular Genetic Response to Varied Wavelengths of Light in Xiphophorus maculatus Skin
Jordan Chang & Kaela Caballero, Chemistry & Biochemistry, Yuan Lu, William Boswell, & Mikki Boswell, Xiphophorus Genetic Stock Center, Texas State University

Soft Templating of Conductive Polymers for Enhanced Electronic Properties
Jacob Frazer, Zachary Iszard, Joe Garcia, Jennifer Irvin, Chemistry and Biochemistry, Texas State University

Studying Interaction of Biomolecules such as DNA and RNA with Nano clays
Archana Gjujari, Material Science, Engineering, Commercialization, Kevin Lewis & Gary Beall, Chemistry & Biochemistry, Texas State University

Respondent: Dr. Sean Kerwin, Chemistry and Biochemistry, Texas State University
Education/Communication Disorders

Narratives of Mortuary Science Learners and Graduates: A Qualitative Case Study
Jose Luis Moreno, CLAS, Texas State University

The Importance of Desensitization in Stuttering Therapy
Kate Browning, Jasmine Parham, Nicole Villarreal, Farzan Irani, Communication Disorders, Texas State University

Syntactic Analysis of Narratives Produced in English and Spanish by Bilingual Preschoolers
Rachel Coy Huth, Celeste Domsch, Maria Resendiz, Communication Disorders, Texas State University

Respondent: Dr. Peter Golato, Modern Languages, Texas State University

Computer Science/Engineering/Physics

Applications of Bayesian Network Models in Studying Acute Myeloid Leukemia (AML)
Rupesh Agrahari, Computer Science, Texas State University

An Investigation on the Effects of the Metal Surface Coating Factors on the Mechanical Properties of the Parts Fabricated by the Fully Dense Freeform Fabrication Process
Bahram Asiabanpour, Aron Zamora, Engineering, Abbas Fahami, Maedeh Dabbaghianamiri, Material Science, Engineering, and Commercialization, Texas State University

DFT and DFT+U Calculations of Lead Halide Perovskites Modeling Polaron Behavior and Doping
Eric Welch, Luisa Scolfaro, Alex Zakhidov, Physics, Texas State University, & Paul Erhart, Applied Physics, Chalmers University of Technology

Respondent: Dr. Vishu Viswanathan, Engineering, Texas State University

Geography

Media Framing of Climate Change: a Content Analysis
Paepin Goff, Geography, Texas State University

Recreation Trail Systems as Geomorphic Entities
Ross Martin & David Butler, Geography, Texas State University

Geomorphic Impact of Biota Response to Natural Disturbance
Jennifer Villa, Geography, Texas State University

Respondent: Dr. Alberto Giordano, Geography, Texas State University
Psychology/Philosophy/Sociology/Applied Ethics/Family and Consumer Sciences

Event-related Potential Examination of the Mere Exposure Effect
Katelyn Stephenson, Katherine Mooney, Andrew Santana, & Rebecca Deason, Psychology, Texas State University

Is There An Empirical Link Between The Oppression Of Animals And The Oppression Of Women?
Ashley Allcorn, Philosophy and Applied Ethics, Texas State University

The Female Poker Player: Women’s Experiences and Strategies in Texas Hold’em Poker
Meagan Richard, Sociology, Texas State University

Does Ethnicity Matter? Examining the Relation between Ethnic Identity and Connection Among Young Adolescents
Amber Swalley, Melissa Delgado, Norma Perez-Brena, & Edna Alfaro, Family and Consumer Sciences, Texas State University

Respondent: Dr. William L. Kelemen, Psychology, Texas State University

Social Work/Anthropology/Physical Therapy/Psychology

Biopsychosocial Factors of Positivity and Resilience in Adult Cancer Patients Currently Undergoing Treatment
Kaitlin Puckett, Social Work, Abilene Christian University

Is an Increased BMI a Prevalent Symptom of Chronic Post-Concussion Syndrome?
Sean A. Buchner, Denise Gobert, Jace L. Kerby, Steven M. Nelson, & David L. Rouse, Physical Therapy, Texas State University

Daily Hassles, HIV Stigma and Positive States of Mind: an Exploration of Stress Perception in People Living with HIV (PLH)
Stephen Ramos, Psychology, Texas State University, AJ Guerrero, Psychology, University of Massachusetts at Boston, & Mark Vosvick, Psychology, University of North Texas

Respondent: Dr. Catherine Hawkins, Social Work, Texas State University

Graduate Student Volunteers (6:00p.m.-7:30p.m.): Dannon Cox, Health and Human Performance and Rebecca Silvas, Mass Communication, Graduate House Representatives, Texas State University
Wednesday, November 18

LBJ Student Center

Registration desk opens at 8:00 a.m.

Concurrent Sessions
9:00 a.m.-10:30 a.m.
(Coffee Break: 10:30 a.m.-10:45 a.m.)

Concurrent Sessions
10:45 a.m.-12:15 p.m.

Keynote Address and Awards Luncheon
12:30 p.m.-2:00 p.m.

Concurrent Sessions
2:15 p.m.-3:45 p.m.
Concurrent Sessions, Wednesday, November 18

9:00a.m.-10:30a.m.

LBJSC 3-3.1

Panel 1--Biology

Revising the Federal Protocol for Conducting Presence/Absence Surveys for the Endangered Houston Toad (Bufo houstonensis)
Andrew R. MacLaren, Shawn F. McCracken, & Michael R. J. Forstner, Biology, Texas State University

Does the Density of Males Influence Sexual Segregation in Roosevelt Elk?
Leah M. Peterson & Floyd W. Weckerly, Biology, Texas State University

Diel and Lunar Influences on Hunting Behaviors of the Mountain Lion: America’s Most Widely Distributed Carnivore
Kendall J. AuBuchon, Floyd W. Weckerly, & T.R. Simpson, Biology, Texas State University, L.M. Elbroch, Wildlife, Fish, and Conservation Biology, University of California

Inducing Environmental Biofilm Detachment
Sara Robertson & Bob McLean, Biology, Texas State University

Panel Chair: Dr. Kristy Daniel, Biology, Texas State University

LBJSC 3-5.1

Panel 2--International

Can Energy Efficiency Save Energy? An Economy-Wide Rebound Effect Simulation for Turkey
Tuğba Somuncu and Christopher Hannum, Economics, Instanbul Technical University

How do United States Citizens Who Visit Dental Clinics in Mexico Perceive the Violence Along the Border
Caleb Miller, Anthropology, Texas State University

Constructed dreams: Stories of identity and Language Reveal Educational Challenges and Goals in Rural South Africa
Kristie Carol O’Donnell & Lori Czop Assaf, Curriculum and Instruction, Texas State University

Migrant Education in Shanghai: Policy Implementation and Impact
Dongmei Li, Educational Administration, University of Texas at Austin, Tak Cheung Chan, Educational Leadership, Kennesaw State University

Impact of the 2014-15 Ebola Outbreak on Feelings of Community Belonging Among the Liberian Community of the Dallas Metroplex
Rex Long, Anthropology, Texas State University

Panel Chair: Dr. Michelle Hamilton, Anthropology, Texas State University

Graduate Student Moderator: Maureen Schaetz, Graduate House Representative, Texas State University
LBJSC 3-9.1

Panel 3-- Mass Communication

Connected: The Emotional Reward of Social Media Sharing
Mark Wilson, Candice Brusuelas, Joshua Morrison, Amy Arnold, & Ana Gallegos, Mass Communication, Texas State University

The Internet and Dating: Pros and Cons of Online Dating
Sarah Abass, Paul Moreno, Maria Scardetta, Jeff McDaniel, & Jay Martinez, Mass Communication, Texas State University

“Life is Short, Have an Affair” The Ideology of Noel Biderman
Terri Manley, Media and Communication, Texas Tech University

Video Game Character Design and Affects on User Relationships
Jonathan Riedel, Mass Communication, Texas State University

Panel Chair: Dr. Dave Nolan, Mass Communication, Texas State University

LBJSC 3-10.1

Panel 4—Anthropology/Communication and Information

How Visual Cues in Advertisements Affect The Lesbian, Gay, Bi-Sexual, and Transgender (LGBT) Community
Mackenzie Sawyer, Tasha Hendershot, & Shala Nettles, Communication and Information, Florida State University

An Ethnographic study of the Metropolitan Community Church in Austin, Texas
James R. Basler, Anthropology, Texas State University

A Comparative Analysis of the Impacts of Premarital Abstinence Discourses on Young Christian’s Sex Lives
Katherine Barax & Ana Juarez, Anthropology, Texas State University

Emerging Adult Perspectives on Pornography
Rebecca Densley, Media and Communication, Texas Tech University

Panel Chair: Dr. Rich Warms, Anthropology, Texas State University
LBJS 3-11.1

Panel 5--Modern Languages *(The presentations on this panel will be made in Spanish)*

*Bildungsroman's Features and The Social Image as a Destroyer of the Family Institution and as a Reformer of the Identity in "Todos Mienten" by Soledad Puértolas*
Estefania David, Modern Languages, Texas State University

*El Carnavalesco en el *Amante Bilingüe* de Juan Marsé*
Caitlin Peters, Modern Languages, Texas State University

*Spain's Political Transition Through the Novel *The Mystery of the Enchanted Crypt*
Alyssa Dalley, Modern Languages, Texas State University

*The Inadequate Approach in the Acquisition of Lexicon and Semantics in Textbooks Used to Teach Spanish as a Second Language*
Julia Sainz, Modern Languages, Texas State University

*Pablo Larrain's "NO" and the Memory Market*
Emily Hammett, Modern Languages, Texas State University

Panel Chair: Dr. Catherine Jaffe, Modern Languages, Texas State University
Moderator: Dr. Yuri Porras, Modern Languages, Texas State University

LBJS 3-14.1

Panel 6--Sociology/Social Work/Communication

*Career Support for Former Foster Care Students in Higher Education*
Christine Lynn Norton, Dawn Flores, Social Work, Naomi Valdez, Retention, Management, and Planning, Texas State University

*Student Opinions of Xenotransplantation*
Leah Colsch & Wayne Paris, Social Work, Abilene Christian University

*The Influence of an Interprofessional Simulation Exercise on Gender, Ethnicity, and Professional Perceptions*
Sarah Floyd, Irene Fuentes, Taylor Nix, Kaitlin Roberts, & Wayne Paris, Social Work, Abilene Christian University

*Student Perceptions of Teacher Power and the Relationship with Engagement and Social Presence*
Joseph Provencher, Mass Communication, Adam Testerman, Communication Studies, Texas Tech University

Panel Chair: Dr. Catherine Hawkins, Social Work, Texas State University
Moderator: Dr. Christine Lynn Norton, Social Work, Texas State University
Coffee Break: 10:30a.m.-10:45a.m., Room 3-15.1

10:45a.m.-12:15p.m. Concurrent Sessions Continued…

LBJSC 3-3.1

Panel 1-- Physics

New Geometric Figure: A Perfect Astroid
Fidele Twagirayezu, Physics, Texas State University

Study of the Electronic Structure of Fe-doped NiO Using First-principles Calculations
Fidele Twagirayezu, Pablo D. Borges, Gabriel Leitao, Luisa Scolfaro, & Wilhelmus J. Geerts Physics, Texas State University

Study of the Crystal Properties of Iron Doped NiO Using an X-ray Diffractometer
MD Abdul Ahad Talukder, Yubo Cui, & Wilhelmus J. Geerts, Physics, Texas State University

Iron Doped NiO Based Resistive RAM Test Chip
Yubo Cui, MD Abdule Ahad Talukder, Greg McClendon, Xi Tang, & Wilhelmus J. Geerts, Physics, Texas State University

Panel Chair: Dr. Nikoleta Theodoropoulou, Physics, Texas State University

LBJSC 3-5.1

Panel 2-- Advertising and consumer behavior

Celebrity Endorsements in Native Advertising on Twitter and their Impact on Consumer Attitudes
Derrick W. Holland, Media and Communication, Texas Tech University

Promoting Sustainable Consumption Through The Use of Social Media
Desiree Hazel & Jiyun Kang, Family and Consumer Sciences, Texas State University

Twitter and Native Advertising: Affects on User Perception and Purchase Decisions
Tyler Hammond, Mass Communication, Texas State University

The effects of Native Advertisements on Online Consumer-Buying Behavior
Andrea Alvarez, Erika J. Jasso, Melanie Morales, Sara Shields, Mary C. Underbrink, Mass Communication, Texas State University

Fashion Blogging and the New Consumer-centric Fashion Leadership
Aimee Jones, Jiyun Kang, Family and Consumer Sciences, Texas State University

Panel Chair: Dr. Coy Callison, Media and Communication, Texas Tech University

Graduate Student Moderator: Maureen Schaetz, Graduate House Representative, Texas State University
LBJSC 3-9.1

Panel 3-Psychology

Correlations of Alcohol Use, Anxiety, and Depression in Military Veterans Attending College
Julia Moore & Ashley Sailors, Psychology, Texas State University

An Overview of School Psychology Services in Portugal
Sofia A. Mendes, Isabel M. Pinto, Leandro S. Almeida, Psychology, Faculdade de Psicologia e de Ciências da Educação da Universidade do Porto

Communication Apprehension with a Future Mother-in-law Examined via Memorable Messages and Sources of Memorable Messages
Mary S. Norman, Media and Communication, Texas Tech University

Harmony and Nature: Exploring the significance of harmony between the mind and the natural state of affairs
Stefan Sanchez, Philosophy, Texas State University

Panel Chair: Dr. Wayne Paris, Social Work, Abilene Christian University

LBJSC 3-10.1

Panel 4--Geography/Sustainability

A Method for Assessing Debris Flow Risk: An Application in Glacier National Park, Montana
Laura Engells & David R. Butler, Geography, Texas State University

An Insight into Groundwater Management and Policy in Texas
Shadi Maleki & J. Craig Hanks, Philosophy, Texas State University

Rocks, Memetics, and the Hermeneutical Reconciliation: Bridging the Gap Between the Cultural Evolution from Primitive to Modern Environmental Values
Luna Wilson, Interdisciplinary Sustainability Studies, Texas State University

Panel Chair: Dr. Yongmei Lu, Geography, Texas State University
LBJSC 3-11.1

Panel 5—Biology/Agriculture/Population and Conservation Biology

Ecotype Assessment for Guiding Arid Land Restoration Efforts in the Mojave Desert
Nathan Custer, Susan Schwinning, Biology, Texas State University, Lesley DeFalco, Todd Esque, U.S. Geological Survey

The Relationship of Compost Knowledge, Compost Attitudes, Environmental Locus of Control and Environmental Attitudes of College Students
Megan E. Holmes & Tina M. Cade, Agriculture, Texas State University, Amy McFarland, Honors College, Grand Valley State University

Site Factors Influencing Tree Mortality During Drought in Texas
Sarah Crouch, Susan Schwinning, Jennifer Jensen, & Ben Schwartz, Population and Conservation Biology, Texas State University

Panel Chair: Dr. Shannon Weigum, Biology, Texas State University

LBJSC 3-14.1

Panel 6—Gender/Mass Communication

Music Video Portrayals: A Content Analysis of Latina Portrayals in Music Videos
Issa Galvan, Mass Communication, Texas State University

Media Portrayals of African American Women in Rap Music Videos: The International Impact
Jessica Foumena, Media and Communication, Texas Tech University

Disney and Feminism: A Look at the Growth of the Disney Prince and the Spread of Gender Equality
Megan Mendiola, Mass Communication, Texas Tech University

Heroines Like Me: The Portrayal of Strong Women in Contemporary Science Fiction and Fantasy Cinema
Rebecca Larson, Mass Communication, Texas State University

Panel Chair: Dr. Audwin Anderson, Sociology, Texas State University
Keynote Address and Awards Luncheon

12:30p.m.-2:00p.m.

LBJ Student Center Ballroom

Welcoming Remarks

Dr. Andrea Golato, Dean of The Graduate College, Texas State University

Speaker Introduction

Dr. Sandy Rao, Assistant Dean of The Graduate College, Texas State University

Keynote Address

“Ensuring the Success of Latina/o Students Across the P-20 Education Pipeline”

Dr. Victor B. Saenz, Associate Professor in the Department of Educational Administration and the Center for Mexican American Studies at the University of Texas at Austin

Top Student Paper Award Presentation
LBJSC 3-3.1

Panel 1-- Engineering/Engineering Technology/Science

A Text Mining Technique for Manufacturing Supplier Classification
Peyman Yazdizadeh, Farhad Ameri, Engineering Technology, Texas State University

An Experimental Investigation of the Environmental and System Setting Factors Affecting the Photovoltaic Panel Energy Output Efficiency
Zaid Almusaied, Engineering Technology, Bahram Asiabanpour, & Semih Aslan, Ingram School of Engineering, Texas State University

Spontaneous Stripe Pattern Formation of NanoParticles During Self Assembly
Sayantan Das, Gary Beall, El-Shazly M. Duraia, MSEC, Texas State University

Talk Math 2 Me: A Study of Mathematical Identity
Joni Schneider, Mathematics, Texas State University

Panel Chair: Dr. Vishu Viswanathan, Engineering, Texas State University

LBJSC 3-5.1

Panel 2--Sports/Mass Communication

Mainstream Sports Network Gender Bias of Professional Female Basketball Players
Taleya Mayberry, Mass Communication, Texas State University

College Students Preferred Sports Media Platform
Joe. C. Hernandez, Mass Communication, Texas State University

How Media Representations of Female Athletes and Fitness Models Affect the Body Image of Athletic College-Aged Women
Jenna Cheyenne Meyer, Mass Communication, Texas State University

Instagram Use in NCAA-Division I College Athletics: How Personal Accounts Can Promote Women’s Sports
Charlotte Singleton, Mass Communication, Texas State University

Banging Heads – Media Portrayals of Injuries in Professional Football Before and After the Death of Mike Webster
Alexander Moe, Media and Communication, Texas Tech University

Panel Chair: Dr. Trent Seltzer, Media and Communication, Texas Tech University

Student Moderator: Rebecca Silvas, Mass Communication, Texas State University
LBJSC 3-9.1

Panel 3--Mass Communication/History/International Studies

"Pass the Ban!" A Visual Analysis of Anti- and Pro-Fracking Websites in the Denton, Texas, Fracking Ban Debate
Judson Meeks, Media and Communication, Texas Tech University

Ranch Hands and Orange Clouds: Herbicidal Warfare and Counterinsurgency Doctrine in the Vietnam War
Heather M. Haley, History, Texas State University

The Democratic Security Dilemma
Ryan Elliott, International Studies, Texas State University

Is Scholarship Advancing?: An Analysis of Thirteen Years of Framing Research
Joseph Provencher, Mass Communication, Texas Tech University

Panel Chair: Dr. Nandhini Rangarajan, Political Science, Texas State University

LBJSC 3-10.1

Panel 4--English

Connecting Past to Present: Using New Media Theory in Museum Website Development
Danielle McEwen, English, Texas State University

Renovating the House on Mango Street: Expanding Latinx Literature in First-Year Composition Classes
Edward S. Garza, English, Texas State University

The Subject is the Matter: Towards a More Inclusive Understanding of Hybrid Racial Identity in Technical Communication
Amanda Scott, English, Texas State University

Coleridge and the Hypnagogic State: Blending Folklore and Fairy Tale to Create the Unconscious in “Christabel”
Tyler Dukes, English, Texas State University

Panel Chair: Dr. Rebecca Bell-Metereau, English, Texas State University
LBJSC 3-11.1

Panel 5—Music

Unraveling the Threads of Madness: Henry Russell’s “The Maniac”
T.J. Laws-Nicola, Music, Texas State University

Toward an Understanding of “Sphinx”: Assessing the Relationship between Jean Paul Richter’s writing and Robert Schumann’s Carnaval, Op.9
Mijung An, Music, Texas State University

The Sociological Norming of Members’ Concepts of “Violent Music”
Bernard Glowinski, Sociology, Texas State University

Communicating Across Boundaries: South Korean Popular Culture (KPop) and The Korean Wave (Hallyu) as a Global Imagined Community of Practice
Susan Schaefer, Anthropology, Texas State University

Panel Chair: Dr. Ludim Pedroza, Music, Texas State University

LBJSC 3-13.1

Panel 7—Theatre and Dance

Morning, Midnight, Spring and Summer: Expressionistic Techniques in Wedekind’s Spring’s Awakening and Kaiser’s From Morn to Midnight
Sara Brooke Christian, Theatre and Dance, Texas State University

The Bold, The Beautiful, The Bacchae: Camping up a Classic
J. Robert Moore, Theatre and Dance, Texas State University

The Hidden and The Given: Names, Authority, and Power in Susan Glaspell’s Trifles
Amelia Bahr, Theatre and Dance, Texas State University

Death of a Salesman and the Mentally Unstable Willy Loman
T.J. Young, Theatre and Dance, Texas State University

Panel Chair: Dr. Sandra Mayo, Theatre, Texas State University
LBJSC 3-14.1

Panel 6--Mass Communication

Uses and Gratifications of Space: Understanding How and Why College Students Do Or Do Not Engage with NASA’s Social Media
Jeremy Mullins, Qian Yu, Colin Woods, Carl Clark, Mass Communication, Texas State University

Visual Iconography in Social Media: Factors Influencing Voter Candidate Selection
Nathaniel Smith, Mass Communication, Texas State University

The Use of Religious Emotional Appeals in Political Advertising and its Effects on Intention to Vote
Kimberly Hurst, Mass Communication, Texas State University

Use of Color to Convey Emotion in The Economist Magazine
Qian Yu, Mass Communication, Texas State University

Tapping Into the Essence: An Examination Of Images In Essence Online
Dana Kelly, Mass Communication, Texas State University

Panel Chair: Dr. Kelly Kaufhold, Mass Communication, Texas State University