Special Thanks

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The SAFAC committee, for conference funding
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#CollinResearch

Collin College
Undergraduate Interdisciplinary
Student Research Conference

April 12-13, 2017

UISRC
Undergraduate Interdisciplinary
Student Research Conference
Welcome and Good Morning!
Help yourself to breakfast and coffee, Conference Room C

Sessions: 9:00 – 9:50 a.m.

Room A > History of Contemporary America
Kyle Wilkison, Chair
- Fatima Sharaaz, “A History of Islam in America”
- Yael Vasilkovsky Karabilo, “America and the Founding of Israel”

Room B > Medical Concerns
Greg Fox, Chair
- Kelly Partin, “Ebene: Psychedelic Snuff of the Yanomami”
- Mary Cronin, “Mycobacterium tuberculosis: A Survey”
- Jibin Jacob, “Kinematic Analysis of Universal Joint using Catia V5”
- Patricia J. Campos, “Effects of Preterm Birth”
- Katy N. Lee, “Proposal for ETT Research using Picture-Induced Neural Signatures”
- Batoul C. Zalkout, “Severe Mental Illness in the Homeless”

Room D > Politics & Red Tape
Scott Cheney, Chair
- Alexandra Quinn Domingue, “The Outcome of the Forgotten”
- John Frick, Texas A&M university-Commerce, “The Echo Chamber”
- Christian Alonso Hernandez, “Why Do American Consider Mexican Immigrants a Problem?”
- Caroline Dillard, “Immigration: Criminal or Constructive?”

Room E > Culture Shock: Representation and Presentation
Whitney Pisani, Chair
- Hannah Chirwa, “Grounded Theory”
- Ashley Cunningham, University of North Texas, “The Effects of Police Killings on African American Adolescents’ Internalized Behaviors”
- Julian P. Quinn, University of North Texas, “The Socioeconomic Effects on the Use of Prepositions in Titles”
- Sarah Neeley Ocanas, “Deaf Culture: An Analysis of Cultural Legitimacy”

Room E > Considering Global Novels in English Panel
Gretchen Busl, Chair, Texas Women’s University
- Jaclyn Kliman, Nadiyah Suleiman, Elizabeth Headrick, Karen Meacham

BB-118 > Exploring Genetic Modification: The Future of Class, Culture, and Modification
Toni McMillen, Chair
- Susan Nkoma, “Critical Analysis of Genetic Modification: Consequences of Genetic Modification of Human Beings”
- Tyler Menses, “Genetic Modification: For Purpose or Pleasure?”
- Gregory Emerick, “Genetic Modification: Depictions of Modifications and the Future”
- Vanessa Lozoria, “Genetic Modification”

Please Take a Moment to Help Us Make Our Conference Even Better!

Attendees: https://www.surveymonkey.com/r/DD7TXZ2

Presenters: https://www.surveymonkey.com/r/DWTXDPF
Room BB 107 > Discrimination, Violence, and Other Challenges Faced by Minority Populations in the United States  
Thomas Pickens
- Dani Hristova, “Stereotypes of Immigrants”

Sessions: 2:30 – 3:45 p.m.

Room A > Mass Media in Society Panel  
Lisa Vazzi, Chair
- Sarah Mathis, “The Effects of Media on Women’s Body Image”
- Douglas Laman, “Autism, Actually: A Look at Representation of Autism in Pop Culture”
- Amanda Crotzer, “Truth in Advertising: Targeting Children in and Age of Privatized Media Consumption”
- Veronica Nicole Liang, “Gender Roles in Children’s Media: Disney’s Role in Perpetuating Toxic Masculinity”

Room B > Overdue Investigations into Popular Beliefs  
Susan Grimland, Chair
- Megan Greer, “The True Case of Amelia Earhart’s Disappearance”
- Trace Hughes, “Is Chinua Achebe Right about Conrad’s Heart of Darkness?”
- Rebecca Netherton, “Pharmageddon or Pharamehaven”
- Jordan La Grenade, “PTSD and Walt Whitman’s ‘The Wound Dresser’”

Room D > Researching the Visual Arts: Four Artists’ Views on Building a Body of Work  
Jennifer Seibert, Chair
- Colleen Gutschenritter, “Painting with Wax: From Fayum Tombs to Contemporary Fine Art”
- Michael Orr, “Conflict in Texture: The Story Behind the Mark”
- Marli Davis, M.A.S.S. “The Book of Kells: An Interdisciplinary Form of Art”
- Josh Jalowiec, “Creative Interference: Using Art, Humor, and Mischief to Bust Through Bureaucracy and be Heard”

Sessions: 10:00 – 10:50 a.m.

Room A > Immigration  
Kay Mizell, Chair
- Bawm Long, Nick Magnarelli, Rangina Murad, Jeremy Brown

Room B > M’mm Branding: Marketing, Music, and Merchandise  
Lisa Roy-Davis, Chair
- Miaojian Zheng, TCU, “Personality or ‘Impersonality’? A Case Study of a Niche Luxury Brand’s Online Emotional Branding Strategies”
- ..., “Confront the ethical issue: the luxury industry’s lack of transparency: An ethical ad campaign by Maison Martin Margiela”
- Paul Z. Armstrong, “The Future of the Fashion Industry”
- Hannah Neeley, “Beauty Standards: An Historical Exploration”
- Emily Keene, “The 1950s: American Fashion at Midcentury”

Room D > Economics: Show Me the Money  
Jennifer Seibert, Chair
- Yingchao Sun, “Are you the 99% or the 1%?”
- Layal Zalkout, University of Texas at Dallas, “The Impact of Minimum Wage on Women”

Room E > Uncertain Future: A Brave New World?  
Marta Moore, Chair
- Devyn Gulickson, “Science Fiction Future: Do We Want It?”
- Makaya Thornton, “Importance of Ice Caps”
- Ao Liu, University of Texas at Austin, “The Relationship of the Second Light Treatment to Cell Germination and Polarization in Ceratopteris Fern Spores”
Sessions: 11:00 – 11:50 a.m.

Room A > Environmental Science
Melanie Kneen, Chair

- Camryn Brill, “The Environment Relative to Nutrition”
- Andrew Barba, “The Effects of Gluten on the Body”
- Phong Bui, “Time to Go Ecofriendly”
- Emma Erwin, “Electric vs Gasoline”
- Ryan Phillips, “Lead Poisoning at Outdoor Gun Ranges”

Room B > History of Mental Health
Kyle Wilkison, Chair

- Ashley Henderson, “The Mentally Ill and the ’Criminally’ Insane”
- Natasha Pinter, “Mental Disorders Among American Serial Killers”
- April Kitch, “Mental Health throughout History: Public Beliefs and Practices”
- Daylia Hollins, “Bizarre Treatments for the Mentally Ill”

Room D > Modest Proposals: Abortion, Sex Trafficking, Animal Rights, Global Warming, and Child Marriage
Kay Mizell, Chair

- Sarah Minich and Suraya Motahary, “The Unknown Horror of Sex Trafficking”
- Stephanie Crahal, “The Great Responsibility of Animal Welfare”
- Dominic Marin, Taylor Simon “The Safety for the Woman’s Body”
- Alexandra Hicks, “Marriage: An Immodest Proposal”

Room E > Sexuality & Perspective
Whitney Pisani, Chair

- Emma Tabei, “Siren’s Song of Sapiosexuality”
- Emily Ellison, “The Soiled Fertility of Female Script”
- Tyrell J. Osborne, “You are What You Repeat”
- Ileana Garmand, “The Perspective of Crush”

11:55 a.m. – 12:15 p.m. Lunch

- > FREE LUNCH: pasta bar lunch served in Conference Center hallway.

Please make your way into Conference Room C to dine.

Sessions: 1:00 – 2:15 p.m.

Room A > Her Voice is Full of Money: Considering Social Class and the American Dream in Fitzgerald’s The Great Gatsby
Lisa Kirby, Chair

- Emily Cavanaugh, Collin College; Tyler Freeman, Tarleton State University; Daniel Smeraldo, University of Texas at Austin

Room B > Observations as Research in Creative Writing: Poetry & Discussion
Scott Yarbrough, Chair

- Andrew Barba, “Pancakes”
- Daniel Hawkins, “Where Did They Go?”
- David Goldenberg, “Poppin’ Wheelies”
- Alex Miles, “Flight 2354”
- Trace Hughes, “Little Light”
- Arianna McDonald, “Fireflies”
- Chisom Ogoke, “Waiting to Find Parking Outside Nigerian Mass”
- Kateri Whitfield, “Room Overfull”
- Chloe Dockter, “I’m Getting Very Tired of the Sound of the Door Opening”
- Madison Muniz, “Cell Phones”
- Christian James Clarke, “a death in the family”

Room D > Irish Poetry: War Rhetoric, A Texas Christian University Panel
Nathanael O’Reilly, Chair, Texas Christian University

- Aarika Novelli, “Patrick Kavanagh’s Criticism of Cultural Identity in ‘The Great Hunger’”
- Austin Shaw, “Between a Thought and a Hard Place: A Discussion on Seamus Heaney as a Poet of the ‘In-Between’”

Room E > GlobalEX: Building a Co-learning Third Space of Global Learning, A Texas Christian University Panel
Sarah Robbins, Chair, Texas Christian University

- Meagan Gacke, Brian Niebuhr, Sonia Graciano, Claire Nguyen, Joyce (Ye) Shen

Room B-148 > Performance
Brad Baker, Chair

- Written and performed by Viktoria Boos, Wen-Chieh Chi, Victoria Diaz-Garcia, Marianna Harris, Michael "Indy" Kendrick, Mary Kim, Audrey Lewis, Sydney Perry, and Madison Teeter
Room D > History of People
Angela Payne, Chair

- Caleb Robb, “Ben Carson: The Humble Essence of America”
- Emily Ellison, “The Passing of Hettie Jones: Transition of the Harlem Renaissance into the Beat Generation”
- Sarah Hornstein, “Defying the Odds: A Brief Overview of the Life of Alexander Hamilton”
- Mays Salama, “To What Extent Was Lawrence of Arabia Responsible for the Dissolution of the Ottoman Empire (1870-1923)”

Room E > Departmental Honors Projects across Disciplines Panel
Wendy Williams, Chair, Texas Christian University, John V. Roach Honors College

- Zach Gutierrez, TCU, Film, Television, Digital Media. “4 Videos for Religious and Spiritual Life’s New Website”
- Meraleigh Randle, TCU, AddRan and John V. Roach College, Major Political Science, Minor Middle East Studies and History. “Memory and Remembrance Abroad: Comfort Women Memorials in the United States”
- Kendall Richey, TCU, Geography. “A Post-Fordist Art Colony”
- Nathan Berry, TCU, Theatre. “Son of Man”

Session: 11:30 a.m. – 12:25 p.m.

Student Success Workshops

Conference Room A/B

- APPLICATION & RESUME WRITING
  - Alex Williams, Annenberg School of Journalism

Conference Room D/E

- BUSINESS ETIQUETTE
  - J.D. Isip, Collin College

Workshops are 20-minutes in length Students who participate will receive a free pizza lunch!

12:15 – 12:55 p.m.

Conference Room C

- Welcome, delivered by Collin College District President, Dr. Neil Matkin.
- Top Paper awards & scholarships, presented by Executive VP Dr. Brenda Kihl

Keynote Speaker: Brandy Spencer

In December of 2016 Brandy D. Spencer graduated Magna Cum Laude from Southern Methodist University, earning her BA in English and History with distinction in both departments. However, this was not Brandy’s first foray into the world of academia. Like many typical American kids, she was pushed into college directly out of high school. In 1991 she enrolled in Collin County Community College, but the typical American path was not quite the journey the universe had in mind for her. After fighting a proliferative cellular disorder throughout her adolescence, Brandy was ready to live her life rather than spend four-plus years in college working toward an unknown destination. After one aimless semester at Collin, she opted instead for a quick ten-month cosmetology program and spent her twenties dressing fabulous hair and living an overindulgent, glamorous lifestyle in University Park. By 2001 she had become restless in her superficial routine, so she sold all of her possessions and spent most of the next decade traveling the globe. As she met new people and discovered different cultures Brandy became fascinated with food and its significant relationship with community. In 2010 she enrolled in Le Cordon Bleu where she began her research in food history. Earning an AAS in Culinary Arts led her to a position as the research assistant on a highly acclaimed, narrative cookbook, which won the prestigious James Beard Award the year following its publication. After completing the cookbook project in 2012 her desire to continue researching and writing provoked her to test the waters of traditional college once again.

Twenty years after her first attempt she enrolled in the rebranded Collin College. By this time both Brandy and the college had grown and changed, and she then found Collin to be her perfect match. Brandy’s two years at Collin College taught her that formal education is a reward that isn’t limited to only one demographic, and she sings the school’s praises to anyone who will listen!
Room A > Environmental Science
Melanie Kneen, Chair
- Zackary Vogt, Gabrielle Popp, Erin Brownlee, Thalia King, Grayson Schulz, Michael Parker

Room B > The Year’s Best: Top Papers 2017
Kerry Byrnes-Loinette, Chair
- Rozen Gilerman, Department of Biology: The University of Texas at Dallas Senior Honor’s Thesis, “Quantifying Apoptosis Induced by the Fusion of EWS-FLI1 by Means of Terminal Deoxynucleotidyl Transferase (TdT) dUTP Nick-End Labeling (TUNEL) Using the Zebrafish Model”
- Daisy Jaimez, Department of Economics and the Honors College: Texas State University, “How Economic Indicators Influence Mexican Immigration and Mexican Immigrant Success in the United States”
- Lindy Winter, Collin College, “Biblical Allusions in the Brothers Karamazov”

Room D > Innovation and Controversy in Children’s Literature
Sean Ferrier-Watson, Chair
- Madeline Keck, “Once Upon a Time: The Origin of Gender Stereotypes”
- Danielle Sullivan, “Childhood Lost: The Hunger Games”
- Hannah Hightower, “Damsels, Babes, and Heroes: The Evolution of the Female Avengers from Avengers #1 to A-Force”
- Kathryn Foshee, “Death and Violence in Children’s Literature”

Room E > Forbidden Knowledge: Literary Research and College Writing
Scott Cheney, Chair
- Laura Eads, Lexie Mendez, Billye Silander

Sessions: 10:00 – 11:15 a.m.
Room A > Avenues for Social Change
Lari Ranta and Zach Shipley, Chairs
- Brianne Kankel, Macy Reynolds, Emily Winn

Room B > The Power of Persuasion: Exploring Current Issues
Lisa Kirby, Chair
- Mahlet Asnake, Stefan Washington, Jon Cortez

Room C > Poster Board Session
- Kathleen Sanchez, “Design and Function of MRI Scanners”
- Anh T. Vo, “Do We Need Another Cosmetic Product?”
- April R. Boyd, “Students at Work”
- Zaynab Adeola Omisade, University of Texas, Arlington “Screening of Iotrochota Birutula extracts with chloroform and Methanol/toluene (3:1) for anti-bacteria activity”
- Sarah Minich, Collin College
- Shannon McCraw, Ph.D. & Madison Poteet, Southeastern Oklahoma State University, “Exploring Individual Communication Traits: Assessing the Relationship Between Willingness To Communicate, Self-Esteem, And Individual Entrepreneurial Orientation”
- Shelby Garza, Texas State University, “Examining Differences in the Rate of Decomposition between Frozen and Not Frozen Human Remains using the Accumulated Decomposition Score”
- Meagan Lindamood, “Exploration into the Attitudes and Behaviors Toward Sex Education”
- Patrick Larue, Ph.D., Vignesh Murugavel and Ajay Somaraju, University of Texas, Dallas, “Applying Cultural Models to Terrorist Organizations”
- Toby Anderson, “A Nomad’s Traveler’s Charm”
- Jacob Oxford, “The Time of My Life”
- Alexandra LaFon, “The Fountain”
- Karina Garner, “Film Dreams”
- Chiedza Faith Mutindori, “Is Reverse Racism Real?”
- Anisa Bhatti, “The Way Society Increases Sexualization”
- Michael Leyzerzon, “The Enemy of Our Enemy: Our Friend the Bacteriophage”
- Jason A. Estes, “Evaluating Truthfulness and Detecting Deceit”
- Anastasiya Chernova, “Causes of Ballet/Sports Injury”

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THURSDAY

8:00 – 8:30 a.m.

Good Morning! Help yourself to breakfast, Conference Room C

Sessions: 8:30 – 9:45 a.m.

Room A > Classrooms & Curriculum
Lisa Roy-Davis, Chair

- Devin Walz, “Should the State of Texas Allow Public Universities and Colleges to Permit Guns on Campus?”
- Anh Doan, “Pets in the Elementary Classroom”
- Cathy Tran, “Technology Case Study of K-12 Students”

Room B > Religion
Marta Moore, Chair

- Alexandra Mendez, “The Acceptance of Fate from a Man of God”
- Kane Stanglin, “Acceptance is Peace”
- Laura A. Eads, “Hindu Beliefs in the Bhagavad-Gita”
- Kyle Crosslin, “Analysis of ‘The Sovereignty and Goodness of God’”

Room D > Reconsidering the Past: Historical Approaches
Jenny Warren, Chair

- Katelyn Shykes, “The Backlash of WWII Fears”
- Meraleigh Randle, “Memory and Remembrance Abroad: Comfort Women Memorials in the United States”
- Anthony Di Biasi, “Economy of the American South: Pre and Post Civil War”
- Bridget Scott-Shupe, “Historic Cannibalism: Categories and Purposes”
- Taylor Benavides, “Bebop: The Evolution of a 1940s American Music”

Room E > Biology: Weird Science?

- Elizabeth Stephenson, “A Mathematical Model of Skeletal Muscle Regeneration”
- Audrey J. Hendrickson, “Chronically Underwhelmed: The Modern Journey Back to Happiness”

Sessions: 2:30 – 3:45 p.m.

Room A > The Representation of Immigrants in Literature and Film: A Roundtable
Dulce de Castro, Chair

- Paige Ballard, Catherine Chong, Peris Gacheru, Emily Rogers, Yohanes Tanugrah, Brooklyn Herle

Room B > LOOTED! Art History through the Stolen Object Panel
Letha Claire Robertson, Chair

- Carl Pruett, “Fabergé Eggs: Treasure Within a Treasure”
- Andrew Calkin, “Cellini’s Salt Cellar”
- Tyler Sanders, “The Power and Belief of The Storm on the Sea of Galilee”

Room D > Making Research Tangible: The Multiple Genre Research Project
Scott Cheney, Chair

- Allison Corona Del Cid, Chiedza Mutindori, Job Osorio, John Paul O’Brien, Shelby Edge, Lindsey Hettish, Abigail McKevitt, Chris Na, Calley Nixon

Room E > Representations & Biography in History and Literature
Camin Melton, Chair

- Niall E. Walsh, “Muted Group Theory: A Struggle for Representation”
- Lindsay Kline, “Cloelia: Breaking Glass Ceilings Before it was Cool (and How it Inspired Me).”
- Crystal O. Nwokoro, “Exploring Coming of Age & Criticism in The Secret Life of Bees”
- BelLynn Hollers, “Anne Bradstreet and Counter Culture”
- Paul Z. Armstrong, “‘Heart of Darkness’: A Journey Through the Unconscious Mind”
- Lindsay Caudill, “Edgar Allan Poe: From Shame to Fame”
EVENING SESSIONS

Sessions: 5:00 – 5:45 p.m.

Room A > Poster Boards

- Megan Farrell and Martha Brown, “Reproductive System: Know the risks not the myths”
- Teresa Dao, Sanchit Jain, and Angela Atkins, “Diseases and Treatments of the Thyroid”

Room B > Stress, a Roundtable
Robert Brown, Chair

- Jarely Michelle Mejia, Jessica Arroyo & Ola-Olu Marie Olaleye, “Stressed Out: How Physiological Stress Effects the Heart”
- Samrah Jankowiak and Camryn Williams, “What’s Your Type?”

Room D > The Brain
Tayna Sanchez, Chair

- Ashmima Brown, Jamila James, and Cara Clark, “The Brain’s Power on Personality Development”
- Mikayla Rolda and Anna Le, “The Brain’s Highway”
- Jourdan Lawrence and Brylea Huit, “Let’s Split! How the Effects of a Hemispherectomy of the Right Side of the Brain Compares to the Removal of the Left Side”

Room E: The Body Creates
Ajoj Jones, Chair

- Hala M. Akhtar and Benjamin Ly, “Correlation of Skeletal Muscles and Vitamin D”
- Henry Nguyen, Anna Villarreal, and Ryleigh Bryant, “There is More than Meets the Eye”

Sessions: 6:00 – 6:30 p.m.

Conference Room C

Welcome, delivered by UISR Conference Coordinator Jenny Warren.
Top Paper awards & scholarships, presented by H.S.A. Professor, Karrie Newby

Sessions: 6:45 – 7:30 p.m.

Room B > Bad Medicine
Zuleica De Cruz, Chair

- Alanah Raianne Williams, Alex Do, Emma Erskine, Page Lemont, and Sarah Zaidi, “Spread the News, Do Not Abuse”

Room D > Top Papers
Jill Kleiber, Chair

- Minh Luong and Madaline Ngo, “Research of a New Medical Innovation: The Bioartificial Liver”
- Van Chung, Joiada Munoz, Chelsey Damasco, “Usage of Electronic Cigarettes and Vaping and Their Effect on the Lungs and the Lung Function”

Room E > Vascular, a Roundtable
Nazha Syed, Chair

- Marian Hamilton, and Bridger Antonsen, “Peripheral Vascular System”
- Thien Nguyen and Noelia Valle, “Floating Drug Delivery in the Stomach”

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