Welcome to Oklahoma Research Day!

Fifteen years ago representatives from Oklahoma’s regional universities met to plan this day for the first time. Since then the event has grown in scope and participants to what you will see here today, a statewide meeting recognized by the Council on Undergraduate Research as one of the largest and most unique of its type in the nation. It is an event that promotes cross-campus and cross-disciplinary research and scholarly work among all institutions of higher education in the state.

What a memorable day this will be for advancing knowledge and showcasing creativity in all academic disciplines. Students and faculty mentors will make presentations demonstrating that research, creative and scholarly activity is alive and well on Oklahoma’s campuses. Oklahoma Research Day is the largest demonstration of creativity in the state and each of you is part of this effort.

Faculty members engage students in research, creative and scholarly work because they know that these are activities that will connect students with their discipline and thus encourage them to stay in college, complete a degree and graduate. The new knowledge that results adds to the excitement and to the resolve to further pursue their interests. It is a
proven pathway to life-long learning.

It is not necessarily easy to involve students in scholarly work. In fact, it is often challenging to find the time, resources and support required. But annually at Oklahoma Research Day, we are reminded by the enthusiasm, the anxious faces, and the pervasive sense of accomplishment that these investments are worth the effort.

While you are on the UCO campus today, I invite you to explore beyond the Wellness Center and the Nigh University Center. Take a moment to visit our Center for Transformative Learning or the Forensic Science Institute. You are invited to visit any of our classroom buildings, museums, studios and laboratories. I think you will find that UCO is redesigning and redefining itself both visually and academically. We are here to help students learn by providing transformative experiences so that they may become productive, creative, ethical and engaged citizens.

Welcome to UCO and thank you for gathering here on this special day.

Sincerely,

Don Betz, Ph.D.
President
Dr. Duane C. Anderson  
Provost & Vice President, Academic Affairs  
East Central University

Dr. John Barthell  
Provost & Vice President, Academic Affairs  
University of Central Oklahoma

Dr. Daphne Burns  
Director, Office of Sponsored Programs & Continuing Education  
Southwestern Oklahoma State University

Dr. Marvin Burns  
Dean, School of Agriculture and Applied Sciences  
Langston University

Dr. Pamela Fly  
Acting Vice President for Academic Affairs  
Northeastern State University

Dr. Shawn Hollicay  
Associate Dean of Graduate Studies  
Northwestern Oklahoma State University

Dr. Tom L. Jackson  
Assistant Vice President, Academic Affairs  
Dean, Graduate Studies/Research for Graduate Office  
Northeastern State University

Dr. Larry Minks  
President  
Southeastern Oklahoma State University

Dr. Clyde Montgomery  
Vice President, Academic Affairs  
Langston University

Dr. S. Narasinga Rao  
Dean Emeritus, Jackson College of Graduate Studies and Research  
University of Central Oklahoma

Ms. Kathryn Schoonover  
Director of Research & Sponsored Programs  
Northeastern State University

Dr. Eric Schmaltz  
Associate Professor of History  
Northwestern Oklahoma State University

Dr. James South  
Provost and Vice President, Academic Affairs  
Southwestern Oklahoma State University

Ms. Nancy Thomason  
Director, Office of Sponsored Programs and Research  
East Central University

Dr. Ronna Vanderslice  
Vice President, Academic Affairs  
Cameron University

Dr. Tony Wohlers  
Director, Academic Research  
Cameron University

Dr. Gregory M. Wilson  
Assistant Vice President, Office of Research & Grants  
University of Central Oklahoma
8:00 – 9:30 am
Registration
Hamilton Field House

Breakfast
Wellness Center

8:30 – 11:45 am
Poster Presentations
Wellness Center

12:30 – 3:00 pm
Banquet and Keynote Speech
Nigh University Center

Welcome
Dr. John Barthell,
University of Central Oklahoma

President Address
Dr. Don Betz,
University of Central Oklahoma

Chancellor Address
Dr. Glen D. Johnson,
Oklahoma State Regents for Higher Education

Keynote Introduction
Dr. John Barthell,
University of Central Oklahoma

Keynote Address
Mr. James Milt Heflin, Jr.,
Retired Officer, NASA

Closing Remarks
Dr. Gregory Wilson,
University of Central Oklahoma

Thank you to the following sponsors: Oklahoma State Regents for Higher Education (OSRHE); Oklahoma Experimental Program for Stimulating Competitive Research (EPSCoR) - National Science Foundation; Oklahoma Idea Network for Biomedical Research Excellence (INBRE) - National Institutes of Health; Oklahoma Regional Universities
PLANNING COMMITTEE
Dr. Gregory M. Wilson
Pamela McDown, Liliana Renteria, Blair Goforth

OKLAHOMA RESEARCH DAY LOGO DESIGN
Ms. Joanna Meachum
InkTank, Department of Design, University of Central Oklahoma

COMMUNICATION AND MARKETING
Prof. Ruki Ravikumar,
Department of Design, University of Central Oklahoma
Prof. Amy Johnson,
Department of Design, University of Central Oklahoma
Prof. Lanie Gabbard,
Department of Design, University of Central Oklahoma

VENUE LOGISTICS
Ms. Amanda Tucker, UCO Conference and Events Services,
Nigh University Center
Mr. Mark Herrin, Assistant Vice President, Wellness Center
Ms. Danielle Dill, Assistant Director, Wellness Center
Dr. Scott Williams, Senior Associate Athletic Director/Operations, Hamilton Field House

PROMOTIONAL ITEMS
Will Lamb & David Harlow,
IMAGENation Promotional Group Inc.
Jeff Buchanan, Integrity Promotional Solutions

PRINTING
Kera Don Skidmore,
University of Central Oklahoma Print Shop
Will Ciston, Vital Signs of Edmond
Enrique Ruiz, Safeguard OKC, Inc.
Alex Albers, Impressions Printing & Copying
Neal Zucker, Southern Tailors

CAMPUS LOGISTICS AND SAFETY
Mr. Fred Fieth, Director UCO Physical Plant
Mr. Raul Martinez, Director UCO Transportation and Parking Services
UCO Safety and Transportation Services, Emergency Management, and Police Services

COMPUTING AND TECHNOLOGY
Mr. Julio Mata, UCO Office of Information Technology
Jump Technology Services
Cory’s Audio Visual

CATERING
Mr. Bruce Barringer, Director, Chartwells
Ms. Kaycee Matthews, Catering Director, Chartwells

VOLUNTEERS
Thank you to faculty, staff and numerous University of Central Oklahoma Students! We could not have hosted such a successful event without the help from so many on campus. We hope we did not forget anyone!
01. ACCOUNTING

01.01.01
Oil and Gas Accounting and Taxation
Richard Alltizer - University of Central Oklahoma
Leah Gary - University of Central Oklahoma

01.01.02
Hobby or Business
Richard Alltizer - University of Central Oklahoma
Gia Madole - University of Central Oklahoma

01.01.03
Image Manipulation in the Media: a One Sided Story
Austin Kendrix - Cameron University

01.01.04
Fraud and the American Opportunity Tax Credit
Mary Sheets - University of Central Oklahoma
Douglas Yost - University of Central Oklahoma
Thomas Austin - University of Central Oklahoma

01.01.05
The Tax Treatment of Dividends
Mary Sheets - University of Central Oklahoma
Lynna Ho - University of Central Oklahoma
Fnu Ricky - University of Central Oklahoma

01.01.06
Committing Tax Fraud
Mary Sheets - University of Central Oklahoma
Sasha Mathura - University of Central Oklahoma
Leah Tomlin - University of Central Oklahoma

01.01.07
Nonresident Aliens vs Citizen Taxpayers
Mary Sheets - University of Central Oklahoma
Di Lin - University of Central Oklahoma
Roger Malin - University of Central Oklahoma
01.01.08
Value Added Tax
Mary Sheets - University of Central Oklahoma
Allan Eastham - University of Central Oklahoma
Ryan Thomas - University of Central Oklahoma
Rachel Koester - University of Central Oklahoma

01.01.09
Tax Refund Fraud in the United States
Mary Sheets - University of Central Oklahoma
Austin Foust - University of Central Oklahoma
Kathy Tholen - University of Central Oklahoma

01.01.10
Researching the Codification
Charles Gray - University of Central Oklahoma

01.01.11
Does the Use of Program Accounting Affect the Market Capitalization of Companies in the Aerospace Industry?
Edward Walker - University of Central Oklahoma
Charles Gray - University of Central Oklahoma

01.01.12
The Natural Gas Industry
Edward Walker - University of Central Oklahoma

01.01.13
Bridging the Gap Between Theory and Practice: How to Make the AIS Course Relevant
Edward Walker - University of Central Oklahoma
Katherene Terrell - University of Central Oklahoma
Robert Terrell - University of Central Oklahoma

01.01.14
The Migration And Academic Tenure Of Marketing Phds: A Review Of 11 Years Of The “Who Went Where” Report
Trevor Sutton - East Central University

02 BUSINESS

01.02.01
Maturity, Gender and Their Influence on Ethical Orientations of Future Business Managers
Marty Ludlum - University of Central Oklahoma
Sergey Moskalionov - Ulyanovsk State Univ., Russia
Vijay Ramachandran - Oklahoma City Community College
Justin Teeman - University of Central Oklahoma

01.02.02
Job satisfaction and media image for workers in the Texas funeral industry: A preliminary investigation
Laura Alsobrook - University of Central Oklahoma
Marty Ludlum - University of Central Oklahoma
01.02.03
Northeastern State University Undergraduate Student Health Care Perceptions
Teresa Barnes - Northeastern State University
Shae Foutch - Northeastern State University

01.02.04
Current Status of sustainability Reporting
Julia Kwok - Northeastern State University
Mai Anh Vu Tran - Northeastern State University
Mitch Ricketts - Northeastern State University
Elizabeth Rabe - Northeastern State University

01.02.05
Compiling a Comprehensive Database of Oklahoma-Based Start-ups
Joshua King - University of Central Oklahoma

03 ECONOMICS

01.03.01
Economic Growth and Scientific Advancement of X-Rays in 100 years
Narasinga Rao - University of Central Oklahoma

01.03.02
Merger and Acquisition Activities in the U.S. Oil and Gas Industry
Michael Wright - University of Central Oklahoma
Zhen Zhu - University of Central Oklahoma
Kuang-Chung Hsu - University of Central Oklahoma

01.03.03
Is the Stock Market Sticker Shocked? A Study of Market Response to Recent CAFE Regulations in the U.S.
Michael Wright - University of Central Oklahoma
Mariya Burdina - University of Central Oklahoma
Zhen Zuh - University of Central Oklahoma

01.03.04
The Net Effect of Access to Education on Economic Growth
Mihai Nica - University of Central Oklahoma
Susanne Rassouli-Currier - University of Central Oklahoma

01.03.05
Performance Under Pressure on the PGA Tour
Neil Metz - University of Central Oklahoma
Michael Yost - University of Central Oklahoma
Chris Stiles - University of Central Oklahoma
01.03.06
**Competitive Balance: Championship Future Wagering Market in the NFL and NBA**
Steven McEwen - University of Central Oklahoma
Neil Metz - University of Central Oklahoma

01.03.07
**State Incentive Programs and Their Effect on Wind Energy Expansion**
Christopher Stiles - University of Central Oklahoma
Evrard Koffi - University of Central Oklahoma
Zhen Zhu - University of Central Oklahoma

01.03.08
**Experimental Evidence on the Performance of Emission Trading Schemes In The Presence of an Active Secondary Market**
Chintamani Jog - University of Central Oklahoma
Georgia Kosmopoulou - University of Oklahoma

01.03.09
**A New Approach to College Student Retention: Facts and Opinions**
Susanne Rassouli-Currier - University of Central Oklahoma
Suzanne Clinton - University of Central Oklahoma
Kristofer Thompson - University of Central Oklahoma

01.03.10
**Student Engagement: The Key to Student Retention**
Susanne Rassouli-Currier - University of Central Oklahoma
Suzanne Clinton - University of Central Oklahoma
Christofer Graff - University of Central Oklahoma

01.03.11
**Instrumental Variable Estimates of the Effect of Management Practice on Korean Firm Performance**
Jieun Chang - Southeastern Oklahoma State University
Youngho Kang - Samsung Economic Research Institute

01.03.12
**The Energy Markets Impact On The Oklahoma Economy**
Devin Usher - University of Central Oklahoma
Michael Phillips - University of Central Oklahoma

01.03.13
**Power Consumption and Prices of Coal and Natural Gas**
Zachary Perkins - University of Central Oklahoma
Steven McEwen - University of Central Oklahoma
Dacus Doornbos - University of Central Oklahoma
01.03.14
**U.S. Natural Gas Futures And Spot Prices**
Brandon McLean - University of Central Oklahoma
Ben Soumahoro - University of Central Oklahoma
Zhen Zhu - University of Central Oklahoma

01.03.15
**How can Blue Cross Blue Shield Maintain a High Market Share?**
Cody Woods - University of Central Oklahoma
Kuang-Chung Hsu - University of Central Oklahoma

01.03.16
**Energy Consumption and State Economics**
Kayleigh James - University of Central Oklahoma
Diego Rodriguez - University of Central Oklahoma
Zhen Zhu - University of Central Oklahoma

01.03.17
**An Investigation Into the Frequency of Alcohol References in Popular Genres of American Music**
John Gutierrez - University of Central Oklahoma
John Maisch - University of Central Oklahoma
Sofia Price - Northeastern State University

04 FINANCE

01.04.01
**Determinants of Dividend Payout**
Zane Swanson - University of Central Oklahoma
Sivarama Krishnan - University of Central Oklahoma

01.04.02
**Rent or Sell: An Investment Decision**
Sivarama Krishnan - University of Central Oklahoma

01.04.03
**How do Bank Charge-offs Affect Bank ROA?**
Sudan Ghimire - East Central University

01.04.04
**The Reaction of Blockholders to the Changes in Market Conditions**
Halil Kaya - Northeastern State University
Nancy Lumpkin - Georgetown College, Ky

01.04.05
**Debt Financing Activities in Hot Equity Markets**
Halil Kaya - Northeastern State University

01.04.06
**Does the Culture Matter for Community Banks’ Risk Taking?**
Zhimin Wang - East Central University
Sudan Ghimire - East Central University
01.04.07
Personal Finance Distance Education Curriculum Development and Course Design
Allen Arnold - University of Central Oklahoma

01.05.04
Risks Associated with External Storage Devices
Uchechi Amaeze - University of Central Oklahoma
David Noel - University of Central Oklahoma

01.05.01
Supply Chain Learning, Integration, and Flexibility Performance: An Empirical Study in India
Geoff Willis - University of Central Oklahoma

01.05.05
Event-Driven Object Modeling for Information Requirements Analysis
I-Lin Huang - Langston University
Judy Hsu - Creative Process Research

01.05.02
Disaster Planning and Recovery for Small and Medium Sized Businesses: A Guide to Success
Michelle Hepner - University of Central Oklahoma
Sajana Shrestha - University of Central Oklahoma

01.05.06
Business and the Spring Framework
Colton Nohelty - East Central University

01.05.03
A Government-Industry-University (GUI) eCareer Model for Building 21st Century Skills
Joselina Cheng - University of Central Oklahoma
Keia Atkinson - University of Central Oklahoma

01.06.01
The Sandwich Feedback Method: Not Very Tasty
Clarence Von Bergen - Southeastern Oklahoma State University
Martin Bressler - Southeastern Oklahoma State University
Kitty Campbell - Southeastern Oklahoma State University
Sarah Roberts - Southeastern Oklahoma State University

01.06.02
MGMT 4813: Course Redesign To Provide Students With a Transformative Learning Experience
Lalit Manral - University of Central Oklahoma
01.06.03
Preparing Our Students for Their Futures: Sustainability in the University and Colleges of Business
Cuong Doan - University of Central Oklahoma
John Camey - Cameron University
Suzanne Clinton - University of Central Oklahoma
Kimberly Merritt - Oklahoma Christian University

01.06.04
Supplementing Student Learning with BOOKS
Kim Pham - University of Central Oklahoma
Lee Tyner - University of Central Oklahoma
Suzanne Clinton - University of Central Oklahoma
Robert Epstein - University of Central Oklahoma
Abbie Lambert - University of Central Oklahoma

01.06.05
Relationship Between Gender And Work Related Attitudes: A Study Of Temporary Employees
Jeffrey Slattery - Northeastern State University

01.06.06
Does Gender Matter? Follower’s Gender Effects on Authentic Leadership.
Lan Pham - University of Central Oklahoma
Victoria McKee - University of Central Oklahoma

01.06.07
Evaluation of the Feasibility of Establishing a Student Consulting Organization at the University of Central Oklahoma
Duong Dang - University of Central Oklahoma

01.06.08
Safety Training Videos
Michael Turner - Northeastern State University
Katy Ellis - Northeastern State University
Butler Bridgette - Northeastern State University
Perrin Kelsey - Northeastern State University
Carter Adam - Northeastern State University
Bowen Mark - Northeastern State University

07 MARKETING

01.07.01
Exploring the Persuasive Impact of Message Medium in Stealth Marketing Campaigns
Jeanetta Sims - University of Central Oklahoma
Sarah Neese - University of Central Oklahoma
Atoya Sims - University of Central Oklahoma
Jalea Shuff - University of Central Oklahoma
LeeAnn Floyd - University of Central Oklahoma
01.07.02
Thwarting the Influence of Stealth Marketing Campaigns through Arousing Suspicion
Jeanetta Sims - University of Central Oklahoma
Atoya Sims - University of Central Oklahoma
Sarah Neese - University of Central Oklahoma
Angelia Barrera-Medina - University of Central Oklahoma
Hung-Lin Lai - University of Central Oklahoma

01.07.03
Understanding the Dialectical Tensions Negotiated by African American Entrepreneurs
Jeanetta Sims - University of Central Oklahoma
Peggy Anderson - University of Central Oklahoma

01.07.04
Notions in Their Heads: Exploring the Discrepant Selves of African American Entrepreneurs
Jeanetta Sims - University of Central Oklahoma
Sarah Neese - University of Central Oklahoma
Atoya Sims - University of Central Oklahoma
Peggy Anderson - University of Central Oklahoma

01.07.05
Toward a Research Agenda for Communicating Diversity: The Most Prevalent Diversity Initiatives with Message Design Implications
Jeanetta Sims - University of Central Oklahoma
Angelia Barrera-Medina - University of Central Oklahoma
Hung-Lin Lai - University of Central Oklahoma

01.07.06
Not All The Carrots Are Equal: Comparing The Profitability Of Reward/Loyalty Programs
Thanh Tran - University of Central Oklahoma
Kanghyun Yoon - University of Central Oklahoma

01.07.07
Designing Effective Coupons: The Modifying Effect of Product Type (Goods versus Services) on Coupon Framing
Huong Nguyen - University of Central Oklahoma

01.07.08
Current and Potential Customer Preferences Regarding Group Exercise Services
Maryfer Abreu Roman - Oklahoma Christian University
Raquel Rojas - Oklahoma Christian University

01.07.09
Emotion-driven Outsourcing: Lessons From the Equine Industry
Debra McClure - University of Central Oklahoma
Stacia Wert-Gray - University of Central Oklahoma
Stefan Genchev - University of Central Oklahoma
Jennifer Blunt - University of Central Oklahoma
01.07.10
Potential Customer Perceptions and Preferences for a Novel Exercise Experience
Emily Lundblad - Oklahoma Christian University
Molly Gettle - Oklahoma Christian University
Paige Criswell - Oklahoma Christian University

01.07.11
Should Salespeople Flatter their Customers? – The Impact of Flattery on Sales Performance.
Manoshi Samaraweera - University of Central Oklahoma

01.07.12
A Quantitative Analysis Of Ethical Positions of Business Majors Versus Non-Business Majors
Grant Aguirre-Y-Luker - University of Central Oklahoma
Darrell Goudge - University of Central Oklahoma
Kathryn Holliday - University of Central Oklahoma

01.07.13
Reconceptualizing the Role of Product in the Value Creation Process from the Total Solution Perspective
Yura Kang - University of Central Oklahoma
Kanghyun Yoon - University of Central Oklahoma

01.07.14
Linking the Effectiveness of Loyalty Programs to Firm’s Performance
Minh Ha - University of Central Oklahoma
Kanghyun Yoon - University of Central Oklahoma

01.07.15
If you Book it, They Should Come: A Market Study for the Hallie Brown Ford Fine Arts Center
Matthew Roland - East Central University
01. EDUCATION

02.01.01
Prospective Memory and Task Complexity: Is Familiarity Important?
Thomas Hancock - University of Central Oklahoma

02.01.02
Blended Education: A Case Study at the University of Central Oklahoma (UCO)
Len Bogner - University of Central Oklahoma
Bucky Dodd - University of Central Oklahoma

02.01.03
Combat to College: University-level Student Veterans’ Perceptions of Traumatic Brain Injury and Their own Cognitions
Chas Riden, M.Ed. - University of Central Oklahoma
Malinda Green, Ph.D. - University of Central Oklahoma

02.01.04
Effectiveness of the Urban Teacher Preparation Academy
Mike Nelson - University of Central Oklahoma

02.01.05
Bringing Service Learning Into the Graduate Classroom
Ed Cunliff - University of Central Oklahoma
Rachel Winters - University of Central Oklahoma
Shannon Dennis - Possibilities Inc.

02.01.06
Academic Entitlement and Self-Esteem Among University Students
Karin Hickenbotham - University of Central Oklahoma
Karen Barnes - University of Central Oklahoma
02.01.07
**Cognitive Rehearsal and Payment Mechanism: Cash has a Rehearsal Role in Spending Less**
Yaser Dorri - University of Central Oklahoma
Heather Martin - University of Central Oklahoma
Fatemeh Sabeghi - Karaj Azad University, Iran
Janelle Grellner - University of Central Oklahoma

02.01.08
**The Effects of Undergraduate Students Viewing Their Teacher as a Creator of Music**
James Lindroth - Northeastern State University

02.01.09
**Student Perceptions of Service-Learning & Plans for Continued Service**
Rachel Winters - University of Central Oklahoma
Karen Barnes - University of Central Oklahoma

02.01.10
**Student Development Theory to Practice**
Rachel Winters - University of Central Oklahoma
Ed Cunliff - University of Central Oklahoma

02.01.11
**Decreasing self-injurious behavior through Differential Reinforcement of Other Behaviors (DRO) with Response Blocking**
Shanna Riley - University of Central Oklahoma

02.01.12
**Anxious Individuals Show Greater Physiological Response to Humorous Stimuli**
Deon Hall - University of Central Oklahoma
Sean McMillan - University of Central Oklahoma
Caleb Lack - University of Central Oklahoma

02.01.13
**Increasing Mands for Information**
Derrick Meyers - University of Central Oklahoma

02.01.14
**TRIPS: Teaching Reading Intervention Proficiency Skills**
DiAnn McDown - University of Central Oklahoma
Keith Higa - University of Central Oklahoma
Emmanuella Smith - University of Central Oklahoma
Laura Branch - University of Central Oklahoma
02.01.15  
Production of Academic Journals and Conferences Administrative Issues Journal: Education, Practice, and Research  
Patsy Parker - Southwestern Oklahoma State University  
Frederic Murray - Southwestern Oklahoma State University  
Carey Smith - Southwestern Oklahoma State University

02.01.16  
Increasing Contact With At-Risk Students Through a Referral Guide  
Andrea Velsor - Northeastern State University  
Olaf Standley - Northeastern State University

02.01.17  
Sex Differences in the Electromyography of Microexpressions  
Kiersten Durning - University of Central Oklahoma

02.01.18  
Parent Education, Socio-Economic Status and Student Achievement in English and Mathematics in Nigeria.  
Yetunde Quadri - University of Central Oklahoma

02.01.19  
Back to School and S.H.E. Studies:  
Shannon Altom-Deckard - Northeastern State University

02.01.20  
The Effects of Training Head Start Parents in Dialogic Reading Practices and its Impact on Language Acquisition  
Jennifer Coscia - Northeastern State University  
Sophia Sweeney - Northeastern State University

02.01.21  
Increasing Task Performance: Interdependent Group Contingency in the Workplace  
Sam Smith - University of Central Oklahoma  
Leila Keihani - University of Central Oklahoma

02.01.22  
Intrusive and Holistic Advising in Practice  
Kristal Soderstrom - Northeastern State University  
Erik Wilkinson - Northeastern State University  
Kaydee Dyer - Northeastern State University

02.01.23  
Effective Application of ABA With a Non-Verbal Child With Autism  
Donna Kearns - University of Central Oklahoma

02.01.24  
Academic Writing Apprehension in a Blended Learning Environment  
Dohwon Kim - University of Central Oklahoma  
Karen Barnes - University of Central Oklahoma
02.01.25
Understanding the Differences in State Reported Recidivism Rates: The Highs and the Lows.
Kelly Cowan - University of Central Oklahoma

02.01.26
Increasing Attention Using Single-Subject Design In a Child With Traumatic Brain Injury And Autism.
Gabriela Escobar - University of Central Oklahoma

02.01.27
Predictors of Sprint Performance
Terry Taylor - University of Central Oklahoma

02.01.28
The Vietnam War: the Great Divide that Brought us Together
Anthony Reynolds - Southeastern Oklahoma State University

02.01.29
Default-Mode Network Interference as a Predictor of Behavioral Inhibition Deficits in Adults with ADHD
William Scott Sims - University of Central Oklahoma

02.01.30
Modifying Curriculum to a General Education Personal Health Course by Means of University Student Responses
Tia Bennett - Northeastern State University
Mark Giese - Northeastern State University

02.01.31
Indigenizing The Curriculum: Content And Ways Of Learning In Water Issues
Jennifer McCann - Northeastern State University
Christine Hallman - Northeastern State University

02.01.32
Charting New Ground: Assessing overall American Indian satisfaction with the NSU Experience
Jennifer McCann - Northeastern State University
Tom Jackson - Northeastern State University
Phyllis Fife - Northeastern State University
Rachel Green - Northeastern State University

02.01.33
Learning Management Systems, Frustration and Learning Success
Renee Jones - University of Central Oklahoma
Karen Barnes - University of Central Oklahoma
02.01.34  
**Perceived Willingness to Intervene in Sexual Assault Scenarios**  
Adrienne Martinez - University of Central Oklahoma  
Robert Mather - University of Central Oklahoma  
Wayne Lord - University of Central Oklahoma

02.01.35  
**Effects of Rest Period Length on Exercise Volume In Older Adults**  
Brandon Hamill - University of Central Oklahoma

02.01.36  
**Service Learning: University Students’ Attitudes, Skills, and Experiences**  
Tracey Romano - University of Central Oklahoma

02.02.01  
**Surrogacy: A Lived Experience**  
Cori-Jo Black - University of Central Oklahoma

02.02.02  
**Communication Styles of Coping with Life Threatening Illness**  
Jeanetta Sims - University of Central Oklahoma  
Jalea Shuff - University of Central Oklahoma

02.02.03  
**Intergenerational Studies: Developing College Bound Students Raised by Grandparents**  
Glee Bertram - University of Central Oklahoma  
Kaye Sears - University of Central Oklahoma  
Jenifer Fuller - University of Central Oklahoma  
Katelyn Green - University of Central Oklahoma

02.02.04  
**Teaching Relationship Education in the College Classroom**  
Katelyn Green - University of Central Oklahoma  
Tiffany Stepp - University of Central Oklahoma  
Brandon Burr - University of Central Oklahoma  
Glee Bertram - University of Central Oklahoma

02.02.05  
**Constructing a Grounded Theory Of Father Involvement In The Treatment Of Children With Type-1 Diabetes**  
Shaun Calix - Cameron University

02.02.06  
**Family Typology and Health Care Providers**  
Margaret Eagler - Northeastern State University  
Steven Byers - Northeastern State University
03 HEALTH STUDIES

02.03.01  
**Exercise and Media Influences on Women’s Body Image**  
TaNiqua Ward - Oklahoma State University

02.03.02  
**Neuropsychological Effects of Sport-related Concussions in Student Athletes**  
Kathleen Olson - Oklahoma State University

02.03.03  
**Newly Diagnosed vs. Current Dialysis Patients’ Perceptions About Nutrition**  
Shaina George - University of Central Oklahoma  
Huey Chan - DaVita  
Tawni Holmes - University of Central Oklahoma

02.03.04  
**The Stability of Low-Top versus High-Top Basketball Shoes**  
Ruth Gillespie - University of Central Oklahoma  
Paul House - University of Central Oklahoma

02.03.05  
**Creating Resources for Navigating and Utilizing the University of Central Oklahoma Campus Labyrinth**  
Shelby Graves - University of Central Oklahoma  
Diane Rudebock - University of Central Oklahoma

02.03.06  
**Evaluating the Impact of Healthy Vending Machines at the University of Central Oklahoma (UCO)**  
Kuan Yen Siew - University of Central Oklahoma  
Tawni Holmes - University of Central Oklahoma

02.03.07  
**Undergraduate Students’ Attitudes Toward Older Adults After Intergenerational Learning Projects**  
Laura Gregory - University of Central Oklahoma  
Diane Rudebock - University of Central Oklahoma  
Melissa Powers - University of Central Oklahoma

02.03.08  
**Determination of Log P values of New Cyclen Based Antimalarial Drug Leads Using RP-HPLC**  
Apoorva Rudraraju - Southwestern Oklahoma State University  
Prince Amoyaw - Southwestern Oklahoma State University  
Mohammad Hossain - Southwestern Oklahoma State University  
Faruk Khan - Southwestern Oklahoma State University
02.03.09
Metabolic Stability Study of New Cyclen Based Antimalarial Drug Leads Using RP-HPLC
Apoorva Rudraraju - Southwestern Oklahoma State University
Anjuli Shrestha - Southwestern Oklahoma State University
Prince Amoyaw - Southwestern Oklahoma State University
Faruk Khan - Southwestern Oklahoma State University

02.03.10
Formulation, Characterization And Antimicrobial Efficacy Of Cinnamon Oil Emulsion Against Staphylococcus Aureus
Kanika Bhargava - University of Central Oklahoma
Sarvenaz Vandyousefi - University of Central Oklahoma
Ashley Park - University of Central Oklahoma
Yvonne Daugherty - University of Central Oklahoma
Hari Kotturi - University of Central Oklahoma
Lilian Chooback - University of Central Oklahoma
Pritika Khadka - University of Central Oklahoma

02.03.11
Effects of Resistance Training on Cognitive Function Among Older Adults
Simon Smith - University of Central Oklahoma
Brandon Hamill - University of Central Oklahoma
Cody Sodowsky - University of Central Oklahoma
Melissa Powers - University of Central Oklahoma
Michelle Gray - University of Arkansas

02.03.12
Formulation, Physical and Chemical Characterization of Lentil Based Yogurt and its Comparison with Traditional Dairy Yogurt
Carissa Jetto - University of Central Oklahoma
Kanika Bhargava - University of Central Oklahoma

02.03.13
Predictors of Vertical Jump Performance in Women Ages 35-50
Simon Smith - University of Central Oklahoma
Paul House - University of Central Oklahoma

02.03.14
Student Stress, an Outdoor Labyrinth and Managing Wellness
Jenine Kern - University of Central Oklahoma
Diane Rudebock - University of Central Oklahoma

02.03.15
Quality of Care in the Rural Health Care Setting
Mary Grace Schurter - Northwestern State University
Kelsey Gingrich - Northwestern State University
Karlea Pearson - Northwestern State University
02.03.16
**A Comparison of Publication Metrics Among Regional Universities in Oklahoma**
Krista Brooks - Southwestern Oklahoma State University
Dennis Thompson - Southwestern Oklahoma State University

02.03.17
**Antimalarial Activity of Metal Complexes of Cross-bridged Tetraazamacrocyclic Ligands**
Prince Amoyaw - Southwestern Oklahoma State University

02.03.18
**Physical Activity, Weight Status, and Feeling Overwhelmed among College Students**
Antonio Ross - University of Central Oklahoma

02.03.19
**Determining How Individual Experiences Describe Societal Obstacles And Identify Health Disparities For The Homeless And Impoverished In Oklahoma City Through PhotoVoice.**
Haleigh Larkin - University of Central Oklahoma

02.03.20
**Evaluation of a Fitness-based Intergenerational Transformative Learning Experience**
Terry Taylor - University of Central Oklahoma

02.03.21
**The Affordable Care Act and The Practice of Optometry in Oklahoma**
Casey Wright - Northeastern State University
Amanda Herrera - Northeastern State University

02.03.22
**Impact of Cooperative Learning Elements in Group Work on Students’ Academic Achievement and Satisfaction**
Michelle Miller - University of Central Oklahoma
Christine Cobb - University of Central Oklahoma
Jacilyn Olson - University of Central Oklahoma
Jeff King - University of Central Oklahoma

02.03.23
**Physico-Chemical Characteristics of Yogurt Supplemented With Roasted Chick Pea Flour**
Xi Chen - University of Central Oklahoma
Kanika Bhargava - University of Central Oklahoma

02.03.24
**Differences in the Judged Direction of Gaze Imaged in 3-D vs. 2-D**
Charles Gallegos - Northeastern State University
John Johnson - Northeastern State University
Roger West - Northeastern State University
04 NURSING

02.04.01
**SANE Nursing in Oklahoma**
Drew Hunter - Northwestern Oklahoma State University
Kelly Nech - Northwestern Oklahoma State University

02.04.02
**Topiramate vs. Complimentary Therapies in Prevention of Chronic Migraines**
Alisha Shrum - Northwestern Oklahoma College
Courtney Beck - Northwestern Oklahoma State University

02.04.03
**Elective Induction vs. Spontaneous Labor**
Molly Brooks - Northwestern State University
Carley Thompson - Northwestern State University
Brooke Dewald - Northwestern State University

02.04.04
**Mental Illness**
Colton Palmer - Northwestern State University
Kasey Miller - Northwestern State University
Courtney Goodwin - Northwestern State University

02.04.05
**Hand Washing vs. Hand Sanitizer**
Karlie Parker - Northwestern Oklahoma State University - Nursing
Sandy Turner - Northwestern State University

02.04.06
**Communication in the Critical Care Unit**
Renata Simpson - Northwestern State University
Krystal Elliott - Northwestern State University
Roxanne Bridges - Northwestern State University

02.04.07
**Tai Chi in Fall Prevention**
Amy Quesada - Northwestern Oklahoma State University
Angela Shuman - Northwestern State University
Benita Coffin - Northwestern Oklahoma State University

02.04.08
**What is the Difference in Obesity Rates Between Breastfed and Bottle-fed Infants Through Adolescents?**
Natasha Kelso - Northwestern Oklahoma State University
Jenniffer Warfield - Northwestern Oklahoma State University
Beth Inman - Northwestern Oklahoma State University
02.04.09
Hydrotherapy Treatment for Osteoarthritis
Kaitlin Hostetler - Northwestern Oklahoma State University
Traci Cook - Northwestern Oklahoma State University
Brandon Wheelock - Northwestern Oklahoma State University

02.04.10
Exercising to Happiness
Zac Floyd - Northwestern State University
Tabitha Diefenbach - Northwestern State University

05 PHYSICAL EDUCATION

02.05.01
Efficacy Beliefs of Physical Education Teacher Education Candidates
Kay Daigle - Southeastern Oklahoma State University

02.05.02
Factors Influencing the Academic Performance of Division II Football Student Athletes
Tia Bennett - Northeastern State University
Mark Giese - Northeastern State University
Robert Hubbs - Northeastern State University

02.05.03
Body Composition in Health and Physical Education Undergraduate Students
Yoonsin Oh - Cameron University
Stephanie Boss - Cameron University
Angelica Lopez - Cameron University

02.05.04
The Effect of Student Status on Study Time
Mark Giese - Northeastern State University
Chance Bates - Northeastern State University

02.05.05
The Preferred Method of Weight Loss Among College Men and Women Seeking to Lose Weight
Mark Giese - Northeastern State University
James Estes - Northeastern State University

02.05.06
Differences in Physical Activity Patterns of University Students
Mark Giese - Northeastern State University
Timothy Fleetwood - Northeastern State University

02.05.07
The Effectiveness of the Influenza Vaccination Among University General Education Students
Mark Giese - Northeastern State University
Macy Hudson - Northeastern State University
02.05.08
Effects of Motivational Music on a 1.5 Mile Running Time Trial
Jamie Aweau - University of Central Oklahoma

02.05.09
The Relationships Between a 300 Yard Shuttle Run and Peak Blood Lactate of College Male Soccer Players
Ahmet Ozturk - Northeastern State University

02.05.10
Ammunition Comparison - Reloaded Vs Commercial
Thomas Salmon - Northeastern State University
Erika Salmon - Northeastern State University

02.05.11
Physical Activity Patterns of Health and Physical Education Majors Compared to Non-Majors
Mark Giese - Northeastern State University
Kassandra Peck - Northeastern State University

02.05.12
Effect of Static Stretching on Muscle Flexibility of Division II Women’s Soccer Team
Tia Bennett - Northeastern State University
Royan Forester - Northeastern State University
Mark Giese - Northeastern State University

02.05.13
Creating a Children’s Program to Combat Childhood Obesity
Mary Nix - University of Central Oklahoma
Rachelle Franz - University of Central Oklahoma

06 PROFESSIONAL TEACHER EDUCATION

02.06.01
The Interpersonal Dimension of Maximizing Potential: A Grounded Theory Study
Mark Maddy - University of Central Oklahoma

02.06.02
Grammar Knowledge and Response to Instructional Methodology in SLP Graduate Curriculum
Linda Sealey-Holtz - University of Central Oklahoma
Stephanie Oxford - University of Central Oklahoma
Lauren Mays - University of Central Oklahoma

02.06.03
Transforming Clinical Teacher Preparation and Performance: A Pilot Project Using edTPA Assessment and Feedback for Pre-Service Teachers
Allyson Watson - Northeastern State University
Debbie Landry - Northeastern State University
Vanessa Anton - Northeastern State University
02.06.04
Indications of Pre-Service Teacher Success: A Pilot Study Using the Haberman Star Teacher Survey
Allyson Watson - Northeastern State University

02.06.05
NSU-CAPA: A Professional Development Program to Increase the Number of Teachers Certified in Chemistry and Physics
April Adams - Northeastern State University
Saeed Sarani - Northeastern State University
Sophia Sweeney - Northeastern State University
Jessica Martin - Northeastern State University
James Hicks - Northeastern State University

02.06.06
A School-University Partnership in Teacher Education: Comparison of Two Course Formats
Regenia James - University of Central Oklahoma
DeeAnn Roach - University of Central Oklahoma

02.06.07
Error Management Theory: The Social Dynamics of Gender on Sexual Intent and Commitment Perception
Amelia Brewer - University of Central Oklahoma
Christy Singletary - University of Central Oklahoma
Gabriel Rupp - University of Central Oklahoma
01. ART

03.01.01
Art and Urban Space in Late Medieval Bohemia, the Polish Kingdom, and Prussia
Teresa Pac - University of Central Oklahoma

03.01.02
The Birth of Portraiture Photography: A Comprehensive History of The Daguerreotype & Its Societal Presence
Amanda Meyer - University of Central Oklahoma

03.01.03
Sulawesi Ancestor Figure
Leah Neumann - East Central University

03.01.04
Two Bodies, One Soul: Cultural Impact of the ibeji Twins
Mickayla Fisher - University of Central Oklahoma

03.01.05
Robert Rauschenberg: The Modern Interpretation of Hell and Purgatory
Miranda Reeves - University of Central Oklahoma

02 DANCE

03.02.01
The Discovery Of Hidden Beauty
Caitlin McManigell - University of Central Oklahoma
03 DESIGN

03.03.01
Design for Good: Clocktower and Inktank Studios
Amy Johnson - University of Central Oklahoma

03.03.02
Collaborative Competition: Generating Excellence in the Design Classrooms of the Austere Economy
Amy Johnson - University of Central Oklahoma

03.03.03
The Fast and Slow of Letterpress
Amy Johnson - University of Central Oklahoma

03.03.04
Using Modern Technology to Develop and Design a Sustainable, Eco-Friendly, and Self-Reliant Home
Victoria Morris - University of Central Oklahoma

03.03.05
The Design of Information Graphics and Bias in times of War and Peace
Amanda Horton - University of Central Oklahoma

03.03.06
My Solution: A Brand Strategy to Help End Multiple Sclerosis
Nichole Thompson - University of Central Oklahoma

03.03.07
Freshman to Pressman: The Potential Opportunities of the Integration of Letterpress Printing into Graphic Design History Pedagogy
Stephen Treadwell Jr. - University of Central Oklahoma

03.03.08
Typographic Difficulties: Understanding Issues of Learning Typography
Lanie Gabbard - University of Central Oklahoma
Miranda Lloyd - University of Central Oklahoma

03.03.09
From Manuscript to iPad: The Effects of Technology on Magazine Design Layouts Across Printed and Touch Screen Tablet Formats.
Brock Wynn - University of Central Oklahoma

03.03.10
One-Man Operas: Technical Design and Production Research Apprenticeship
Catherine Mosley - University of Central Oklahoma
04 MULTIMEDIA DESIGN

03.04.01
Expanded Use of Light Motion for Video
Tan Le - University of Central Oklahoma

03.04.02
The Importance and Role of The Prisoner’s Dilemma in Teaching and Simulation
Kenneth Austion - Cameron University

03.04.03
Mixed Reality
Jonathan Watson - Cameron University

03.04.04
The Efficiency of Simulations in Traffic Education for Young Children
Anke Melvin - Cameron University

03.04.05
Simulations on Statistics
David Chatman - Cameron University

05 MUSIC

03.05.01
Inviting Undergraduate Research
Jeri Walker - Southeastern Oklahoma State University
Brett Elliot - Southeastern Oklahoma State University

03.05.02
French Grand Opera
Aaron Williams - Southeastern Oklahoma State University

03.05.03
Seventeenth-Century Opera
Cynthia Estrada - Southeastern Oklahoma State University

03.05.04
One-Person Opera: Production, Performance, and Recording of Two One-Act One-Person Operas
Robert Glaubitz - University of Central Oklahoma
Barbara Caprilli - University of Central Oklahoma
Michael Geib - University of Central Oklahoma
Christopher Domanski - University of Central Oklahoma
Jose Batty - University of Central Oklahoma
Kangwa Mundende - University of Central Oklahoma
Catherine Mosley - University of Central Oklahoma
03.05.05
An One-Person Opera: Rehearse. Record. Perform.
Jose Batty - University of Central Oklahoma
Michael Geib - University of Central Oklahoma
Kangwa Mundende - University of Central Oklahoma

03.05.06
Italian Renaissance Vocal Improvisation
Tookah Sapper - University of Central Oklahoma

03.06.01
Developing a historically-based production design for an original Native American musical
Robyn Pursley - Northeastern State University
Christopher Miller - Northeastern State University
Scott Pursley - Northeastern State University

03.06.02
Women in Shakespeare
Dell McLain - Southeastern Oklahoma State University

03.06.03
Naumachia
Dell McLain - Southeastern Oklahoma State University

03.06.04
A Kingdom Divided
Dell McLain - Southeastern Oklahoma State University

03.06.05
To Drag or Not to Drag
Dell McLain - Southeastern Oklahoma State University

03.06.06
Japanese Kabuki Make-up
Dell McLain - Southeastern Oklahoma State University

03.06.07
From the Stage to the Street: Parallel Between Sweeney Todd and Jack the Ripper
Dell McLain - Southeastern Oklahoma State University

03.06.08
Stock Characters
Dell McLain - Southeastern Oklahoma State University

03.06.09
Arthur Miller
Dell McLain - Southeastern Oklahoma State University

03.06.10
All My Sons
Dell McLain - Southeastern Oklahoma State University
03.06.11  
**History of “All My Sons”**  
Dell McLain - Southeastern Oklahoma State University

03.06.12  
**Footsteps through Fleet Street: A History of Sweeney Todd**  
Dell McLain - Southeastern Oklahoma State University

03.06.13  
**Who Needs a Chorus?**  
Dell McLain - Southeastern Oklahoma State University

03.06.14  
**To Us, It Wasn’t Code**  
Dell McLain - Southeastern Oklahoma State University

03.06.15  
**How a Brand is Born!**  
Dell McLain - Southeastern Oklahoma State University

03.06.16  
**Creativity In Our World**  
Noel McDaniel - Southeastern Oklahoma State University

03.06.18  
**Stock Characters**  
Trent Pratt - Southeastern Oklahoma State University

03.06.19  
**Lookingglass Theatre**  
Justice Graham - Southeastern Oklahoma State University

03.06.20  
**Manhattan Theatre Club**  
Sarah Felder - Southeastern Oklahoma State University

03.06.21  
**Which Witch is Which?**  
Noel McDaniel - Southeastern Oklahoma State University

03.06.22  
**Education of Parkour in Theatre**  
Tanner Risner - Southeastern Oklahoma State University
01. COMMUNICATION

04.01.01
A Netnography of Baby Boomers’ Adaptation of Social Media and Evolving Communication Devices
Thomas Johnson - Northeastern State University

04.01.02
Nudity in Advertisement Against Fur: The Ethical Issue of Nudity in Animal Rights Campaign
Michelle McAdoo - Cameron University

04.01.03
Abstract Unethical Use of a Cow Picture
Jennifer Landers - Cameron University

04.01.04
Celebrities vs. Paparazzi: Who has a right to privacy?
Mikaela Emmells-Greene - Cameron University

04.01.05
Homosexuality is A Sin: The Story of Phil Robertson
Aaron Gill - Cameron University

04.01.06
Tabloid Gossip: An American Obsession?
Sklar Williams - Cameron University

04.01.07
Altered Media
Tarayn McMillan - Cameron University

04.01.08
Who is in Danger from Second-hand Smoke?
Sadie Jones - Cameron University

04.01.09
Why do Photos look this way?
Jamal Parker - Cameron University
04.01.10
Minutes After the Twin Towers Attack
Dena Jennings - Cameron University

04.01.11
Photojournalist vs. Human Being
Meredith Lucus - Cameron University

04.01.12
Abu Ghraib Prison Scandal
Nicole Hartvigs - Cameron University

04.01.13
Photo Manipulation in the Media - When is it Too Much?
Ekanem Ekpenyong - Cameron University

04.01.14
Photojournalism Ethical Issue in Covering Tragedies: The Helpless Lens
Steve Orwel - Cameron University

04.01.15
Covering Tragedy and Grief in Photojournalism: Ethical or not?
Christina Nalsen - Cameron University

04.01.16
The Importance of Being Earnest: A Discourse Analysis of Public Apologies in Taiwan
Hsin-I Sydney Yueh - Northeastern State University

04.01.17
A Textual Analysis of the Ideal Female Image in the U.S. through Cosmopolitan Magazine during 2001-2011
Jacqueline Alworden - Northeastern State University

04.01.18
Obamacare Cartoon Analysis
Mikaela Emmells-Greene - Cameron University

04.01.19
Propaganda: Helping the Allied War Effort in World War II
Bradley Johnson - Cameron University

04.01.20
“Ours was Always Aimed at Higher Education”: Discussing the Design of Lottery Scholarship Legislation
Kristopher Copeland - Northeastern State University
04.01.21
City of Muskogee: Examining the Marketing and Branding Strategy within the City
Kristopher Copeland - Northeastern State University
Dana Boren Boer - Northeastern State University
Dana Eversole - Northeastern State University

04.01.22
Using Icebreakers to Reduce Social Awkwardness
Dell McLain - Southeastern Oklahoma State University

04.01.23
A Content Analysis of Compliance-gaining Strategies in the Workplace
Dell McLain - Southeastern Oklahoma State University

04.01.24
The Effects of TV Violence on Viewers
Dell McLain - Southeastern Oklahoma State University

04.01.25
Investigating the Effects of Media on Society
Dell McLain - Southeastern Oklahoma State University

04.01.26
Investigating the Effects of Social Media Outlets
Dell McLain - Southeastern Oklahoma State University

04.01.27
Sharing Private Information in Business Settings
Dell McLain - Southeastern Oklahoma State University

04.01.28
A Look at Children-Free Couples: An Application of the Communication Privacy Management Theory
Dell McLain - Southeastern Oklahoma State University

04.01.29
Breast Cancer Awareness Campaign
Dell McLain - Southeastern Oklahoma State University

04.01.30
Breast Cancer Awareness Campaign: Describing the Target Audience
Dell McLain - Southeastern Oklahoma State University

04.01.31
A Health Care Campaign: Preventing the Spread of Disease in the Workplace
Dell McLain - Southeastern Oklahoma State University

04.01.32
Barack Obama’s 2013 Inaugural Address (Through the Lens of Dramatism)
Dell McLain - Southeastern Oklahoma State University
04.01.33
Radio Show Project Legacy 2.0: Comparing Original Songs to Cover Versions  
Dell McLain - Southeastern Oklahoma State University

04.01.34
Argument Quality: An Examination of the Washington Post’s Pulitzer Prize Winning Journalism on The Democracy Exportation Project in Yemen  
Dell McLain - Southeastern Oklahoma State University

04.01.35
Argument Quality: An Examination of the Boston Globe’s Pulitzer Prize Winning Journalism on Stem Cell Research  
Dell McLain - Southeastern Oklahoma State University

04.01.36
Critical Media Inquiry: Infographic Sex/Gender  
Dell McLain - Southeastern Oklahoma State University

04.01.37
Problem-Based Learning: The Three Valley Museum as the Public Relations Classroom  
Dell McLain - Southeastern Oklahoma State University

04.01.38
Logo Development and Style Guide!  
Dell McLain - Southeastern Oklahoma State University

04.01.39
Ada Recycling Coalition Strategic Communications Service Learning Project Fall 2014  
Bruce Hartley - East Central University  
Emily Starkey - East Central University  
Katelyn Holmes - East Central University

04.01.40
We Can Do It  
Jamal Parker - Cameron University

04.01.41
Bar Talk: A Discourse Comparison of the Communication in Heterosexual and Homosexual Singles Bars  
James Rae - Northeastern State University

04.01.42
Advertisements: Evolving Trends  
Isaac Smith - Cameron University

04.01.43
Helping On the Home Front: An Analysis of World War II Propaganda  
Lora Miller - Cameron University
04.01.44  
**Will This be on the Test? Student-Teacher Interactions in a College Classroom Setting**  
Christopher Rudick - Northeastern State University

04.01.45  
**Bridgegate Political Retribution Scandal**  
Scott Krapff - Cameron University

04.01.46  
**Improving Student Engagement in Learning Multimedia**  
Abbas Johari - Cameron University  
Mellisa Merrifield - Cameron University

04.01.47  
**Nonverbal Communication in Group Meetings**  
Christian Madera - Southeastern Oklahoma State University

04.01.48  
**Nonverbal Communication in Group Meetings**  
Jessica Gray - Southeastern Oklahoma State University

04.01.49  
**A Case Study: Ford Motor Company – From The Industrial Revolution To The Modern Era**  
Kristi Ryan - Southeastern Oklahoma State University

04.01.50  
**Developing Effective Decision Making Techniques**  
Sydney Greenwood - Southeastern Oklahoma State University

04.01.51  
**Building a Successful Virtual Small Group**  
Dario Bellettini - Southeastern Oklahoma State University

04.01.52  
**Active Learning in Photojournalism Ethics**  
Yanjun Zhao - Cameron University

04.01.53  
**100 Years of Pharmaceutical Advertisements**  
Tiffany Williams - Cameron University

02 ENGLISH

04.02.01  
**Wichita Mountain Wildlife Refuge Clean-up**  
Rhiannon Poolaw - Cameron University  
Kitty Johnson - Cameron University

04.02.02  
**Virtual Collaborative Writing: An Exploration into the Future of Group Work**  
Kaitlyn Stockton - Cameron University
04.02.03  
Digital Manipulation use in Media  
Shelby Stancil - Cameron University

04.02.04  
The Interaction of Language Transfer and Language Processing in Second Language Acquisition  
John Hitz - University of Central Oklahoma  
Nawal Alhodithi - University of Central Oklahoma

04.02.05  
I Choose My Parents: The Use of Surrogacy in Disney Animated Films  
Joy Morrow - Northeastern State University

04.02.06  
“As You Wish”: Analyzing the Use of Austin’s Performative Utterances in The Princess Bride  
Carson Stringham - Cameron University

04.02.07  
Interpretation of Dreaming: Denis Johnson’s use of Theme in Train Dreams.  
Casey Brown - Cameron University

04.02.08  
Lewis Carroll and Stevie Smith: Similarities Between a Nonsense Victorian and a Modernist Writer  
Karri Wheat - East Central University

04.02.09  
Little Magazines Shaping Modernism with Ezra Pound  
Amria Norman - East Central University

04.02.10  
Personal Connections in Modernism  
Molly Trimmer - East Central University

04.02.11  
A Peak Through “A Passage To India”, the Bridge That Binds, and Social Issues That Transcend Time  
Amber Huffman - East Central University

04 FOREIGN & MODERN LANGUAGES

04.04.01  
Contemporary French Film as a Teaching Tool: Caché and Memory  
Catherine Webster - University of Central Oklahoma

04.04.02  
Helping native Spanish speakers master Spanish grammar (a pilot study)  
Maria Teresa Moinette - University of Central Oklahoma
05 GEOGRAPHY

04.05.01
Landscape-level Mapping of Eastern Redcedar Encroachment at the Selman Living Laboratory
Brad Watkins - University of Central Oklahoma
Gloria Caddell - University of Central Oklahoma
Shey Ramsey - University of Central Oklahoma

04.05.02
The Economic and Cultural Impacts of Tornadoes in Oklahoma: A Case Study of Moore
Keana Dixon - University of Central Oklahoma

04.05.03
Maps or GPS: Can you find your way during an emergency?
Toni Trim - Northeastern State University

04.07.02
The Rise and Fall of the Civil War Aeronautic Corps: An Operational Review of its Service from 1860 to 1863.
Forrest Paige - University of Central Oklahoma

04.07.03
Lady Waterford, Louisa Anne Beresford, A Woman of Substance
Cheryl Caffee - University of Central Oklahoma

04.07.04 Balfouria
J Michael Johnson - University of Central Oklahoma

04.07.05
Huaihai Campaign: Chinese Civil War
Kevin Yang - University of Central Oklahoma

04.07.06
From 50 to 8,000 Confucius Students: Why Oklahoma kids want to learn Chinese?
Yue Guo - University of Central Oklahoma

07 HISTORY

04.07.01
The Value of Marriage: Exploring the Plight of Victorian Irish Birth Mothers in London, 1842-1859
Jessica Sheetz-Nguyen - University of Central Oklahoma

08 POLITICAL SCIENCE

04.08.01
Blue to Red: Oklahoma Uncontested and Uncompetitive Elections and Partisan Change
John Ulrich - East Central University
Charles Peaden - East Central University
The Plight of the Roma: The Politics of the United Kingdom, France, and Germany
Jacqueline Watson - Northeastern State University

Networking for Political Voice among Women in Disrupted Societies of the Middle East and Africa
Cheryl Van Den Handel - Northeastern State University
Jennifer Edwards - Northeastern State University
Jacqueline Watson - Northeastern State University

Indigenous Rights and Resource Capture: The National and International Law Nexus - The Keystone XL Pipeline
Louis Furmanski - University of Central Oklahoma

A Solution to Illegal Immigration
Hunter Bailey - Southwestern Oklahoma State University

Criminal Proceedings and Rights of Foreign Prisoners
Brandy Hollis - Southwestern Oklahoma State University
Brooke Christensen - Southwestern Oklahoma State University

Taking Over the Criminal Justice System: The Impact of the Private Prison System in America
Marshall Flowers - Southwestern Oklahoma State University

International Financial Crisis Deteriorated by Monetary Policies: U.S., EU, and China
Cody Woods - University of Central Oklahoma
Youngtae Shin - University of Central Oklahoma

An Ethical Analysis of Joe Paterno: Unmasking Administrative Evil at Penn State University
Brett Sharp - University of Central Oklahoma
Rusty Olson - University of Central Oklahoma

Mass Immigration and Conflicting Ethnic Interests
Joseph Plummer - Southwestern Oklahoma State University

Compulsory DNA Testing in The American Criminal Justice System: Pursuit Of Justice Or An Injustice?
Dan Brown - Southwestern Oklahoma State University
04.08.12
The Impact of Private Prisons on the Criminal Justice System
Courtney Beattie - Southwestern Oklahoma State University

04.08.13
Modern Sequoyah: Native American Political Power in Oklahoma
Christine Pappas - East Central University

04.08.14
Forfeitures: Are They Legal?
Jessica Goetzinger - Southwestern Oklahoma State University

04.08.15
The Failure of Immigration Reform
Tanner Boyd - Southwestern Oklahoma State University

04.08.16
Failures on Past Immigration Reform and Future Attempts to Change the Trend
Ashley Mbaneme - Southwestern Oklahoma State University

04.08.17
Marcus Tullius Tiro: The First Paralegal
Jenna Owens - East Central University

04.08.18
The Real Watergate: Water Policy in Oklahoma
Kaylin Cullum - East Central University

04.08.19
Immigration in the United States: Policy and Reform
Jeff Miller - Southwestern Oklahoma State University

04.08.20
The Story of Four Little Girls: Northern and Southern Media Coverage of Birmingham’s 16th Street Baptist Church Bombing
Jaysa Hutchings - East Central University

04.08.21
Crimes Against Humanity
Davi Peetoom - Southwestern Oklahoma State University
Otoneil Soza - Southwestern Oklahoma State University

09 SOCIOLOGY

04.09.01
CIA Fieldwork and Seminar: No Spooks Here Just Students, Practitioners, and Research
Elizabeth Maier - University of Central Oklahoma
Alina Istrate - University of Central Oklahoma
04.09.02
**Geographical Disparities in Wrongful Conviction Cases**
Christina Buchanan - University of Central Oklahoma

04.09.03
**Attitudes, Perceptions, and Beliefs of First-Generation College Going Students**
Stephanie Smith - University of Central Oklahoma
Jay Corwin - University of Central Oklahoma

04.09.04
**A Phenomenological Study of Post-Divorce Adjustment As Seen In Midlife**
Joanni Sailor - Cameron University
Griselda Lloyd - Cameron University

04.09.05
**Prevention and Mitigation of Modern Transit Crime: Applied Victimology**
Nicholas Petschel - University of Central Oklahoma

04.09.06
**Corporations: Friend or Foe of Rural America?**
Brittany Harlow - Northeastern State University

04.09.07
**Studying International Methamphetamine Trends**
Rashi Shukla - University of Central Oklahoma

04.09.08
**Crime Analysis Pro-Seminar: Mental Health Project**
Elizabeth Maier - University of Central Oklahoma
Alina Istrate - University of Central Oklahoma
Michael Siany - University of Central Oklahoma

04.09.09
**Determining Correlations in Suicide among Adolescents and Young Adults**
Shawna Ward - University of Central Oklahoma
Kelsie Witt - University of Central Oklahoma

04.09.10
**Perceptions Regarding Human Trafficking**
Essance Moore – University of Central Oklahoma, Forensic Science
Jennifer Barger-Johnson – University of Central Oklahoma, Finance

04.09.11
**Structured Reminiscence**
Aesha John - Northeastern State University
Michael Witham - Northeastern State University
04.09.12
The Perceived Impact of Living/Learning Communities on the Persistence Rates of Low-Income Freshmen
Patrick Harrel - University of Central Oklahoma

04.09.13
Access Programs and Higher Education
Fabian Hernandez - University of Central Oklahoma
Christopher Wise - University of Central Oklahoma
02. ANIMAL SCIENCE

05.02.01
**Effects of Levels of Boer Goats and Dorper Sheep on Feed Intake, Digestibility, Growth, and Slaughter Characteristics in the Central Highlands of Ethiopia**
Arthur Goetsch - Langston University
T Mekonnen - Sirinka Agricultural Research Center
Kefele Kefelegn - Haramaya University
Girma Abebe - Ethiopia Sheep & Goat Productivity Program

05.02.02
**Effects of Stocking Rate and Physiological State of Meat Goats Grazing Grass/Forb Pastures on Forage Intake, Selection, and Digestion, Grazing Behavior, and Performance**
Arthur Goetsch - Langston University
Ahmed Askar - Desert Research Center
Ryszard Puchala - Langston University
Terry Gipson - Langston University
Tilahun Sahlu - Langston University

05.02.03
**Effects of Conditions between Periods of Studies to Evaluate Electric Fence Additions to Barb Wire Fence for Goat Containment**
Arthur Goetsch - Langston University
Yoko Tsukahara - Langston University
Terry Gipson - Langston University
Ryszard Puchala - Langston University
Tilahun Sahlu - Langston University

05.02.04
**Effects of Adaptation and Meat Goat Breed in a Method to Evaluate Electric Fence Additions to Barb Wire Fence for Goat Containment**
Arthur Goetsch - Langston University
Yoko Tsukahara - Langston University
Terry Gipson - Langston University
Ryszard Puchala - Langston University
Tilahun Sahlu - Langston University
05.02.05  
*Effect of a Cellulase Enzyme Additive on Hay Intake and Fiber Digestion in Goats*  
Arthur Goetsch - Langston University  
Steven Hart - Langston University

05.02.06  
*Effects of Level and Length of Supplementation on Carcass Amounts and Percentages of Ash, N, Water, Total Fat, and Energy*  
Arthur Goetsch - Langston University  
Roger Merkel - Langston University  
Terry Gipson - Langston University  
Zaisen Wang - Langston University

05.02.07  
*GIS Hot-Spot Analysis of Pasture Utilization of Two Separate Herds of Goats over Time*  
Arthur Goetsch - Langston University  
Terry Gipson - Langston University  
Steven Hart - Langston University  
Richard Heinemann - Oklahoma State University

05.02.08  
*Validation of New SNAP® Beta-Lactam Antibiotic Residue Test Kit for Goat Milk Screening*  
MiC Ahrasbrak - Langston University  
Terry Watson III - Langston University  
Kesete Testfi - Langston University  
Eva Vasquez - Langston University  
Italo Portugal - Langston University

05.02.09  
*Performance of Steers Wintered on Bermudagrass Fed Liquid or Dry Protein Supplement*  
Jefferson Sutton - Redlands Community College  
William Phillips - Redlands Community College

05.02.10  
*Stocker and Feedlot Performance of Angus, Brahman and Romosinuano Steers*  
William Phillips - Redlands Community College  
Makayla Leslie - Redlands Community College  
Sam Coleman - USDA-ARS El Reno, OK

05.02.11  
*Determining Stocker Performance in an Extended Grazing Season Using a Combination of Fescue and Wheat Pastures*  
William Phillips - Redlands Community College  
Jordan Jett - Redlands Community College  
Brian Northup - USDA-ARS El Reno, OK

05.02.12  
*The Effect of Long-Term Diet-Induced Hyperglycemia and Hyperlipidemia on Oxidative Balance in Mouse Heart.*  
Abby McKisson - Southwestern Oklahoma State University  
Asitha Silva - Oklahoma State University  
Pamela Lloyd - Oklahoma State University
05.02.13
Implications of Sexual Differences in Space Use and Seasonal Variation in Movements on Core Area Conservation in Sonoran Mud Turtles
Sean Laverty - University of Central Oklahoma
Paul Stone - University of Central Oklahoma

03 BIOLOGY

05.03.01
DOK3 Negatively Regulates Rankl-Induced Osteoclastogenesis
Sapana Kadel - Northwestern State University
Mary Humphrey - University of Oklahoma

05.03.02
Analysis of Human Umbilical Cord Mesenchymal Stem Cells’ Expansion Capability In Human Platelet Lysate
Eugene Deloach - Langston University

05.03.03
Biological Effects of the Neonicotinoid Pesticide Thiamethoxam in Honey Bees
Lauren Blatzheim - Southwestern Oklahoma State University
Corey Bower - Bloomsburg University, Pennsylvania
Ahmed Karahn - Uludag University, Bursa, Turkey
Dilan Ikizoglu - Uludag University, Bursa, Turkey
Brianna Levinson - University of California, La Jolla

05.03.04
Sterile Technique
Allison Arnold - Northwestern State University
Shala McIntosh - Northwestern State University

05.03.05
Therapeutic Hypothermia in Cardiac Arrest Patients
Heather Collins - Northwestern Oklahoma State University
Heather Newlin - Northwestern Oklahoma State University
Alex Meltabarger - Northwestern Oklahoma State University

05.03.06
The Effects of Climate Change on the Distribution of Harris’s Sparrow
Lindsay Jones - University of Central Oklahoma
Chris Butler - University of Central Oklahoma

05.03.07
Relationships between Foraging Strategy and Ectoparasite Load of Neotropical Bats
Ashley Lonetree - Oklahoma State University

05.03.08
A Systematic Review of Prehabilitation
Jana Washington - Northwestern State University
The Effect of Light Intensity on the Growth and Reproduction of Chaetomium Globosum, a Common Indoor Mold
Tara Gurung - East Central University

Endophytes and Possible Pathogens of Greenbrier (Smilax sp.)
Caleb Biles - East Central University

The Effect of Imidacloriprid on Sucrose Sensitivity of the Honey Bee Proboscis Extension Reflex
T. Polk - Southern Nazarene University

Experimental Design of the Expression of Sir-2 Levels in Organ Tissues of Calorie Restricted Mice vs. Non-Calorie Restricted Mice
Zach Zaaza - Northeastern State University
Kathi McDowell - Northeastern State University

Ethnomelittological Classification and Knowledge by a Mixtec Speaking Community of Guerrero, Mexico
V.H. Gonzalez Betancourt - Southwestern Oklahoma State University
Jonathan Amith - National Museum of Natural History, Smithsonian
Timothy Stein - Southwestern Oklahoma State University

Non-Steroidal Anti-Inflammatory Drugs Inhibit Growth and Reproduction of Chaetomium Globosum
Taylor Glasco - East Central University

Experimental Design: Determination if Rapamycin Treatment of Human Cells Enhances the Association of Sir2 and rDNA
Amina Gilling - Northeastern State University
Kathi McDowell - Northeastern State University

Age Structure of a Cross Timbers Forest within an Urban Landscape in Central Oklahoma
Chad King - University of Central Oklahoma
Abby Ferguson - University of Central Oklahoma
Justin Cheek - University of Central Oklahoma
Effects of Osteopathic Manual Manipulation on Asthma
Joseph Peters - Northeastern State University
Kevin Wang - Northeastern State University

Trimethoxy-Cis-Stilbene Exhibits Potent Anti-Tumor Activities via Suppression of AKT Signaling and Cell Cycle Arrest in Virus-Induced Hepatocellular Carcinoma
Hari Kotturi - University of Central Oklahoma
Charles Nguyen - University of Central Oklahoma
Naushad Ali - University of Oklahoma

Assessing Black Rail Detection Probability and Habitat along the Texas Gulf Coast
Jeffrey Tibbits - University of Central Oklahoma
Chris Butler - University of Central Oklahoma

β2 glycoprotein I–derived Peptides Alter Angiogenesis in Melanoma Tumors
Kellyn Pollard - Langston University

Taylor Dismuke and K.J. Abraham, Department of Biology Langston University, Langston, Oklahoma 73050
Taylor Dismuke - Langston University

The Potential Value of Biopharmaceuticals to the Developing World
Holly McIntyre - Northeastern State University
Kevin Wang - Northeastern State University

The Effect of LKE on Autophagy in N2 C. Elegans
Melissa Brewer - Southwestern Oklahoma State University
Ashley Rodriguez - Southwestern Oklahoma State University
Michael Caniglia - Southwestern Oklahoma State University
Andrea Holgado - Southwestern Oklahoma State University

Angiotensin II Increases TRPV4 Localization to Plasma Membrane in Hypothalamic Neuronal Cell Line 4B: Implications for Water and Electrolyte Homeostasis
Nile McCullough - Southwestern Oklahoma State University
Ashwini Saxena - University of North Texas Health Science Center
J. Thomas Cunningham - University of North Texas Health Science Center
05.03.25
Wound Healing in a Petri Dish?
Danielle Perlingiere - University of Central Oklahoma
Seth Hiddink - University of Central Oklahoma
Cynthia Murray - University of Central Oklahoma
Evon Yap - University of Central Oklahoma
Kyle Williams - University of Central Oklahoma

05.03.26
Role of Mcm10 in Maintenance of Genome Stability
Lakelen Crain - Northeastern State University
Sapna Das-Bradoo - Northeastern State University
Stephen Cates - Northeastern State University

05.03.27
Comparison of Survival Rates in Out-Of-Hospital Cardiac Arrest With the use of Continuous Chest Compression Versus Survival Rates of Compression With Rescue Breathing.
Sugandha Aggarwal - Northwestern Oklahoma State University
Jeff Howard - Northwestern Oklahoma State University
Shannon Germain - Northwestern Oklahoma State University

05.03.28
Relationships of Coleopterans and Oklahoma Fleshy Fungi
Clark Ovrebo - University of Central Oklahoma
Jessica Price - University of Central Oklahoma
Wayne Lord - University of Central Oklahoma
Craig Koenigs - University of Central Oklahoma

05.03.29
An Improved Tissue Culture Protocol for Direct Shoot Organogenesis in Peanut Mature Dry-Cotyledon and Root Tissues
Ning Wu - Langston University
Kanyand Matand - Langston University
Morgan James - Langston University
Nicole Newman - Langston University

05.03.30
Staphylococcus Aureus Biofilm Secreted Products, Inflammation, and Chronic Wound Healing
Robert Brennan - University of Central Oklahoma
Melissa Reeves - University of Central Oklahoma
Melville Vaughan - University of Central Oklahoma

05.03.31
Characterization of Three Major Histocompatibility Complex Class II Loci in Neotoma albigula
Lindsay Stone - University of Central Oklahoma
Michelle Haynie - University of Central Oklahoma

05.03.32
Effects of Narciclasine on Invasive Properties of H-Ras Keratinocytes
Jing Herwig - University of Central Oklahoma
Melville Vaughan - University of Central Oklahoma
<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>05.03.33</td>
<td>Review of Transposon-Based Techniques for the Removal of Molecular Marker Genes</td>
<td>Jonathan Nahmias - Northeastern State University</td>
</tr>
<tr>
<td>05.03.34</td>
<td>An Example of Possible Martian Life Using Earth Bacteria Found in Icy Lava Rock Similar to Environments Found on Mars</td>
<td>Patricia Cooper - Northeastern State University, Kevin Wang - Northeastern State University</td>
</tr>
<tr>
<td>05.03.35</td>
<td>Long Term Responses of Rocky Mountain Tailed Frog Tadpoles (Ascaphus montanus) to Wildfire</td>
<td>A.M. Chicas-Mosier - Oklahoma State University</td>
</tr>
<tr>
<td>05.03.36</td>
<td>The Diet of Cercobrachys Winnebago (Ephemeroptera: Caenidae) in two Western Oklahoma Sandy Bottom Streams</td>
<td>Amber Rymer - Southwestern Oklahoma State University, Peter Grant - Southwestern Oklahoma State University</td>
</tr>
<tr>
<td>05.03.37</td>
<td>Antimicrobial Effect of Silver(I) Cyanoximate - Coated Surfaces on Biofilm Formation of Human Pathogens</td>
<td>Sarah Hamilton - Oklahoma State University, Shalaka Lotlikar - Oklahoma State University</td>
</tr>
<tr>
<td>05.03.38</td>
<td>Experimental Design of Lifespan Extension Involving Sir2 and Calorie Restriction in Saccharomyces Cerevisiae Supplemented with Resveratrol</td>
<td>Kimberly Pahsetopah - Northeastern State University, Kathi McDowell - Northeastern State University</td>
</tr>
<tr>
<td>05.03.39</td>
<td>Sex Differences In Blood Pressure And Renal Handling Of Sodium In Mice On A High Salt Diet.</td>
<td>Heba Hammami - Northeastern State University, Alexander Rouch - Oklahoma State University</td>
</tr>
<tr>
<td>05.03.40</td>
<td>Mistletoe’s Cancer Treatment Potential: A Review of Down-Regulation of Some Mirnas by Degrading Their Precursors Contributes to Anti-Cancer Effects of Mistletoe Lectin-1 by Lin-Na Li, Hua-Dong Zhang, Daniel Tinervia</td>
<td>Lin-Na Li, Hua-Dong Zhang, Daniel Tinervia - Northeastern State University</td>
</tr>
<tr>
<td>05.03.41</td>
<td>Bioinformatics of the Apolipoprotein E protein in Alzheimer’s Disease</td>
<td>Deborah Bowman - Langston University</td>
</tr>
</tbody>
</table>
05.03.42
Elucidation of the Bile Salt Sensitivity Gene Locus in Escherichia coli
Jim Bidlack - University of Central Oklahoma
Angeline Satchell - University of Central Oklahoma
Anna Graves - University of Central Oklahoma
Sandra Leke-Tambo - University of Central Oklahoma
Rachael Scott - University of Central Oklahoma
Jonna Whetsel - University of Central Oklahoma

05.03.43
Further Investigations of Photovoltaic Cells Using Plant Pigments
Jim Bidlack - University of Central Oklahoma
Hunter Porter - University of Central Oklahoma
Brian Tetreault - University of Central Oklahoma
Baylee Tatum - University of Central Oklahoma

05.03.44
Assessment of the Bile Salt Sensitivity Gene Locus in Escherichia coli
Jim Bidlack - University of Central Oklahoma
Anna Graves - University of Central Oklahoma
Angeline Satchell - University of Central Oklahoma
Sandra Leke-Tambo - University of Central Oklahoma
Rachael Scott - University of Central Oklahoma
Jonna Whetsel - University of Central Oklahoma

05.03.45
The Economic Impact of Plant Molecular Farming and it’s Increasing Popularity of Potential Use in the Medical Community
Shaina Riggs - Northeastern State University
Kevin Wang - Northeastern State University

05.03.46
A Proteomic Approach to Identify Novel Interactions of MCM10
Bobby Bezinque - Northeastern State University
Dillon Cave - Northeastern State University
Chance Hendrix - Northeastern State University
Sapna Das-Bradoo - Northeastern State University

05.03.47
Elimination Processes of the Selectable Marker
Samantha Huffman - Northeastern State University

05.03.48
Effect of Membrane Elasticity on the Assembly of HIV Gag Proteins in vitro
Rui Zhang - Northeastern State University
Donghua Zhou - Oklahoma State University
Christine Morse - Northeastern State University
05.03.49
An Organotrophic Medium as a Substitute for Stolen Chloroplasts
Stephen Fields - East Central University
Kaitlyn Riddle - East Central University

05.03.50
A Helminth Parasite Survey of the Sonoran Mud Turtle (Kinosternon sonoriense): Implications of the Evolution of Parasite Resistance
Kristen Bliss - University of Central Oklahoma
Wayne Lord - University of Central Oklahoma
Chris Butler - University of Central Oklahoma
Paul Stone - University of Central Oklahoma

05.03.51
The Transcriptome of a Kleptoplastidic Dinoflagellate and its Cryptomonad Prey
Stephen Fields - East Central University
Brent Biddy - East Central University
Josh Belcher - East Central University

05.03.52
Molecular Mechanisms of Calcium Regulation in Pseudomonas Aeruginosa
Michelle Waner - Oklahoma State University
Manita Guragain - Oklahoma State University
Kerry Williamson - Montana State University
Micheal Franklin - Montana State University
Marianna Patrauchan - Oklahoma State University

05.03.53
Two Proteins may Preserve Red Algal Photosynthesis from High Light Damage
Sukyoung Kwak - University of Central Oklahoma
Steven Karpowicz - University of Central Oklahoma

05.03.54
A Review of Moxibustion
Tanner Ryan - Northeastern State University

05.03.55
Caffeine Effects on Myofibroblasts: A Class Research Project
Melville Vaughan - University of Central Oklahoma

05.03.56
A review of Electronic Cigarettes Student: Doreen Yang
Instructor: Dr. Kevin Wang, Northeastern State University
Doreen Yang - Northeastern State University

05.03.57
Initial Steps towards Understanding the Role of Autophagy in Neurons
Elizabeth Jansing - Southwestern Oklahoma State University
Timothy Stein - Southwestern Oklahoma State University
Austin Bradshaw - Southwestern Oklahoma State University
Andrea Holgado - Southwestern Oklahoma State University
05.03.58
Traditional Chinese Medicine and Its Impact on Western Medicines
Ofelia Patrick - Northeastern State University
Kevin Wang - Northeastern State University

05.03.59
VGLL4 Functions as a New Tumor Suppressor in Lung Cancer by Negatively Regulating The YAP-TEAD Transcriptional Complex (Review)
Ahmed Zendah - Northeastern State University

05.03.60
Determining the Effects of Narciclasine on Myofibroblast Differentiation
Madeline Mahoney - University of Central Oklahoma
Marko Ilikj - University of Central Oklahoma
Melville Vaughan - University of Central Oklahoma

05.03.61
Chinese Herbology
Wyell Okda - Northeastern State University
Kevin Wang - Northeastern State University

05.03.62
Phylogeography of Sonoran Mud Turtles in a Fragmented Landscape
Laura Kimmel - University of Central Oklahoma
Michelle Haynie - University of Central Oklahoma
Paul Stone - University of Central Oklahoma

05.03.63
Mapping AvaII and PvuII Restriction Enzymes on pUC19 is affected by Methylation
Muatasem Ubeidat - Southwestern Oklahoma State University
Nick Whalen - Southwestern Oklahoma State University
Shasta Jones - Southwestern Oklahoma State University

05.03.64
Mycosporine-like Amino Acids in Oscillatoria Limnetica
Murray Verbonitz - Northeastern State University
Ratnakar Deole - Northeastern State University

05.03.65
Biodegradation of an Azo dye by Citrobacter Freundii
Kj Abraham - Langston University
Nicholas Simon - Langston University
Chelsi Black - Langston University

05.03.66
Generating Caenorhabditis elegans UNC-33 Antigens to be Used for the Synthesis of Polyclonal Antibodies
Mason Howe - Southeastern Oklahoma State University
Matthew Abbott - Southeastern Oklahoma State University
Jacob Fuller - Southeastern Oklahoma State University
Michael Caniglia - Southeastern Oklahoma State University
Andrea Holgado - Southeastern Oklahoma State University
Minimum Tensional Requirement for Proliferative Myofibroblasts
Julie Hamilton - University of Central Oklahoma

Review: Rice-Based Oral Antibody Fragment Prophylaxis and Therapy Against Rotavirus Infection
Ricky Yang - Northeastern State University

The Role of CRMP in Proper Synapse Formation in Drosophila
Caleb Hubbard - University of Oregon

High Success Of Subordinate Male Social Tactics And Female Promiscuity Promote Sexual Conflict In Collared Lizards
Joshua York - University of Central Oklahoma
Troy Baird - University of Central Oklahoma
Michelle Haynie - University of Central Oklahoma

Ampicillin Resistant Bacteria From Waste Water Treatment Plant
Eric Paul - Southwestern Oklahoma State University
Cody Moulton - Southwestern Oklahoma State University

Orientation of Burrows in Cynomys ludovicianus
Matthew Bryson - University of Central Oklahoma
Chris Butler - University of Central Oklahoma
William Caire - University of Central Oklahoma

Response of Chlamydomonas reinhardtii to Medium Viscosity
Thi Nguyen - University of Central Oklahoma
Huong Do - University of Central Oklahoma
Gang Xu - University of Central Oklahoma
Steven Karpowicz - University of Central Oklahoma

Scientists Easing Concerns about Genetically Modified Food by Removal of the Selectable Marker
Alexia Dickey - Northeastern State University
Kevin Wang - Northeastern State University

Plankton Survey of Tulsa Botanic Garden Lake
Patty Smith - Tulsa Community College
Dalia Acosta - Tulsa Community College
05.03.76
Molecular Cloning and Protein Expression of a Heart Disease-Indicator Protein
Eun Kyung Shin - University of Central Oklahoma
Mohammad Hossan - University of Central Oklahoma
Steven Karpowicz - University of Central Oklahoma

05.03.77
Chemical Composition of Femoral Gland Secretions in Male Collared Lizards
Abigail McGee - University of Central Oklahoma
F.N. Albahadily - University of Central Oklahoma
John Bowen - University of Central Oklahoma
Thomas Jourdan - University of Central Oklahoma
Wayne Lord - University of Central Oklahoma
Troy Baird - University of Central Oklahoma

05.03.78
Review of Traditional Chinese Medicine versus Western Culture Drugs in the Treatment of Alzheimer’s Disease
Kelsey Perry - Northeastern State University
Kevin Wang - Northeastern State University

05.03.79
Bioinformatics Of Dihydropyrimidinase–Related Protein 2 In Schizophrenia
Amber German - Langston University
Sharon Lewis - Langston University

05.03.80
Review of Plant Pharming of a Full-sized, Tumour-targeting Antibody Using Different Expression Strategies
Shaman Kidd - Northeastern State University

05.03.81
Expression of an Endogenous, Motorless Transcript of Myosin V
Stephen Fields - East Central University
Desiree’ Lyon - East Central University

05.03.82
Does Habitat Geometry Influence the Social Behavior of Male Collared Lizards?
Cody Braun - University of Central Oklahoma
Troy Baird - University of Central Oklahoma

05.03.83
Examining the Relationship between Pollinator Size and Nectar Standing Crop Levels in Invasive Plant Populations in Greece and the USA
John Barthell - University of Central Oklahoma
V.H. Gonzalez Betancourt - Southwestern Oklahoma State University
J. R. Redd - University of Central Oklahoma
J. M. Hranitz - Bloomsburg University Pennsylvania
T. Petanidou - Univ. Aegean
H. Wells - University of Tulsa
05.03.84
Using Optogenetics to Study Exocytosis in C. Elegans Motor Neurons
Wil Markus - Southwestern Oklahoma State University
Elizabeth St. John - Southwestern Oklahoma State University
Andrea Holgado - Southwestern Oklahoma State University

05.03.85
Using Transgenic Plants to Produce Blood Clot-Dissolving Proteins
Lauren Tull - Northeastern State University
Kevin Wang - Northeastern State University

05.03.86
Bee Pollinator Visitation at Two Color Morphs of Chasteberry Bushes on the Greek Island of Lesvos
John Barthell - University of Central Oklahoma
C. J. Pascual - University of Maryland, College Park
T. Petanidou - University of the Aegean, Lesvos, Greece
C. Bower - Bloomsburg University Pennsylvania
S. Burrows - Utah State University
B. Levinson - University of California, San Diego
T. Polk - Southwestern Nazarene University
L. Blatzheim - Southwestern Oklahoma State University
V. H. Gonzalez Betancourt - Southwestern Oklahoma State University

05.03.87
Biotechnology of Plants and Pharmaceuticals
Mohammed Shaban - Northeastern State University
Kevin Wang - Northeastern State University

05.03.88
Molecular Farming: Using Transgenic Plants in the Production of Human Recombinant Proteins
Lyndsey Weeks - Northeastern State University
Kevin Wang - Northeastern State University

05.03.89
Review on Bacteria
Shafiq Al-Rifai - Northeastern State University
Kevin Wang - Northeastern State University

05.03.90
Analysis of Marine Derived Fungal Siderophores by LC-MS
Monica Stalls - Northeastern State University
Jessica Martin - Northeastern State University

05.03.91
Agoutis on the Alert!
Sharonda Carson - University of Central Oklahoma
Enzo Aliaga-Rossel - San Andres La Paz- Bolivia
05.03.92  
**Precipitation Effects on Tree Ring Width for Ulmus Americana L. in Oklahoma City**  
Carmen Cowo - University of Central Oklahoma  
Chris Butler - University of Central Oklahoma  
Chad King - University of Central Oklahoma

05.03.93  
**Results Not Typical: A Review of Obesity Science, Mythos, and Media**  
Rose Welch - Cameron University

05.03.94  
**Necrophagous Honeybees: Evolutionary Conservation of Predatory Foraging Behavior**  
J. R. Redd - University of Central Oklahoma  
John Barthell - University of Central Oklahoma  
Thomas Jourdan - University of Central Oklahoma  
Wayne Lord - University of Central Oklahoma

05.03.95  
**Antimicrobial Plant Proteins**  
Tahzeeba Frisby - Cameron University  
Elizabeth Carter - Cameron University  
Dennis Frisby - Cameron University

05.03.96  
**Optimizing Protocols for Measurement of Ion Leakage and Chlorophyll Content in Dark Stressed Plants.**  
Gnanambal Naidoo - Langston University  
Allan Eastham - Langston University  
Eugene Deloach - Langston University

05.03.97  
**Neural Circuits of Disgust Induced By Sexual Stimuli in Homosexual and Heterosexual Men: An fMRI Study**  
Zinar Simsek - Northeastern State University

05.03.98  
**Different Durations of Electroacupuncture Stimulations and Its Effect on Skin Blood Flow and Muscle Blood Volume**  
Mahmood Khattab - Northeastern State University  
Kevin Wang - Northeastern State University

05.03.99  
**The Climate Change Conundrum of the Lesser Prairie-Chicken**  
Tegan Boyd - University of Central Oklahoma  
Zoha Qureshi - University of Central Oklahoma  
Chris Butler - University of Central Oklahoma
05.03.100
Enzymatic Activity and Azo dye Metabolism in Sarcina Aurantiaca
Kj Abraham - Langston University
Tiffany Glover - Langston University
Tanjanique Reed - Langston University

05.03.101
Do the Cucumbers Still Squirt in a Drought? Population Fluctuations of Squirtling Cucumber, Cyclanthera Dissecta
Alfa Abame - Southwestern Oklahoma State University

05.03.102
Review: The Role of Flavonoid Didymin in Ras Kinase Inhibitory Protein Cancer Pathways.
Mark Cox - Northeastern State University

05.03.103
Association Between Bronchial Asthma and TNF
Tiffani Wood - Northeastern State University
Kevin Wang - Northeastern State University

05.03.104
Effects of Hyperglycemia and Advanced Glycation End-Products on Actin Cytoskeleton and Focal Adhesions in Wound Healing in Vitro
Michael Williams - University of Oklahoma
Barbara Safiejko-Mroczka - University of Oklahoma

05.03.105
Preventative Measures Against Diabetes and Obesity among Native American Communities: Exploring the Impact of Environmental Interventions (A Review)
Jiles Pourier - Northeastern State University

05.03.106
Effect of Estradiol on c-Fos Immunolabeling in the Brain of Furosemide Treated Female Rats
Sheri Toal - Oklahoma State University
Kathleen Curtis - Oklahoma State University

05.03.107
Identification of Microbes
Kameron Lindsay - Langston University

05.03.108
Mps1 Protein Kinase Acts Through Dam1 to Regulate Chromosome Segregation
Jamin Brown - Southwestern Oklahoma State University
Regis Meyer - Oklahoma Medical Research Foundation
Dean Dawson - Oklahoma Medical Research Foundation

05.03.109
Decision-Making in Conflicting Behaviors of Field Collected Fruit Flies (Drosophila Melanogaster)
Irene Lopez - Southwestern Oklahoma State University
Jimena Aracena - Southwestern Oklahoma State University
05.03.110
Integrative Biological Effects of the Neonicotinoid Pesticide Imidacloprid in Honey Bees
Trimelle Polk - Southern Nazarene University
Lauren Blatzheim - Southwestern Oklahoma State University
Corey Bower - Bloomsburg University, Bloomsburg, Pennsylvania
Dilan Ikizoglu - Uludag University, Bursa, Turkey
Ahmed Karahan - Uludag University, Bursa, Turkey
Brianna Levinson - University of California, San Diego, La Jolla, California
John M. Hranitz University of Central Oklahoma

05.03.111:
Hormesis An Integrative Model for Stressors Affecting Honey Bees
Corey Bower - Bloomsburg University, Bloomsburg, Pennsylvania
Charles I. Abramson – Oklahoma State University, Stillwater Nazmiye Gunes - Uludag University, Bursa, Turkey
Ibrahim Cakmak - Uludag University, Bursa, Turkey
John M. Hranitz University of Central Oklahoma

04 BOTANY
05.04.01
Using Digital Photography to Estimate Canopy Development of ‘Noiret’ Grape Vines After the Second Growing Season
William Phillips - Redlands Community College
Caleb Kimberling - Redlands Community College
Bill Baker - Redlands Community College
Laura Gruntmeir - Redlands Community College

05.04.02
Using the At-Risk Tool to Assess the Vulnerability of Native Edible Plants to Over Harvest
Zella Classen - Southwestern Oklahoma State University

05.04.03
Collection, Identification, and Preservation Techniques of Plant Samples Collected in the Field
Mandi Foutch - Southwestern Oklahoma State University

05.04.04
Preliminary Search for Biologically Active Secondary Metabolites from Cyclanthera Dissecta
Ashlie Walker - Southwestern Oklahoma State University
Lisa Castle - Southwestern Oklahoma State University
05 CHEMISTRY

05.05.01
Development of a Paper Based Biosensor for the Detection of Antibodies in Serum
John Bowen - University of Central Oklahoma
Nicolas Shafer - University of Central Oklahoma
Mary Tappert - University of Central Oklahoma
William Wilson - ARS USDA
Robert Brennan - University of Central Oklahoma
F.N. Albahadily - University of Central Oklahoma
Hazim Amairah - University of Central Oklahoma

05.05.02
Development of a SPME GCMS Method for the Analysis of Phthalate Esters in Surface Waters
John Bowen - University of Central Oklahoma
Evan McIntyre - University of Central Oklahoma
Keith Jackson - University of Central Oklahoma
Erin Brooks - University of Central Oklahoma
Juliette Chisom - Edmond North HS
Dalton Lewis - Edmond North HS
Thomas Briscoe - University of Central Oklahoma
F.N. Albahadily - University of Central Oklahoma

05.05.03
Characterization of Odors from Four Species of Stinkhorn Mushrooms Using Solid Phase Micro Extraction and GC MS
John Bowen - University of Central Oklahoma
Kaci Rosales - University of Central Oklahoma
Clark Ovrebo - University of Central Oklahoma
Mark Anton - University of Central Oklahoma

05.05.04
Structural Determination in Chemistry from the Mid-Nineteenth Century to Today
Luis Montes - University of Central Oklahoma

05.05.05
Cloning, Expression, and Purification of Aromatic Aminotransferase Ar09
Russell Evans - University of Central Oklahoma
Chirstian Fleming - University of Central Oklahoma
Lilian Chooback - University of Central Oklahoma

05.05.06
Cloning, Expression and Characterization of Dihydrodipicolinate Reductase
Lilian Chooback - University of Central Oklahoma
05.05.07
Cloning, Expression and Characterization of Dihydrodipicolinate Reductase
Yvonne Daugherty - University of Central Oklahoma
Russell Evans - University of Central Oklahoma
Lilian Chooback - University of Central Oklahoma
William Karsten - University of Oklahoma

05.05.08
NMR Relaxation Times From a Spreadsheet: Nonlinear Curve Fitting Using Microsoft Excel and Visual Basic for Applications
James Dechter - University of Central Oklahoma

05.05.09
Zinc Determination in Hair with Flame Atomic Absorption Spectrometry
Jennifer Chen - University of Central Oklahoma
Issa Nour-Mohammadi - University of Central Oklahoma
John Bowen - University of Central Oklahoma

05.05.10
Acid- Base Mechanism of the Dihydropicolinate Synthase from Escherichia Coli
Lilian Chooback - University of Central Oklahoma
William Karsten - University of Oklahoma

05.05.11
The Design, Synthesis, and Application of a Series of Ni(II) Complexes of Glycine Derived From Metal Coordinated Secondary Amines
Trevor Ellis - Southwestern Oklahoma State University
Mackenzie Bergagnini - Southwestern Oklahoma State University

05.05.12
Polymeric Sutures in the Teaching Lab: Synthesis, Degradation, and Mechanical Testing
Lindsay Davis - Langston University

05.05.13
Discovery of Novel Lanthanum Ruthenate Phase of La2.5RuO6.25
Evann Comeaux - Langston University

05.05.14
Reactions of Molybdenum(VI)Oxide with Water Vapor at High Temperatures
Dwight Myers - East Central University
Kaysi West - East Central University
05.05.15
Oxygen Content and X-ray Diffractometry of Yttrium-Barium-Copper Oxide Superconductors Doped with Cobalt, Nickel, or Zinc
Dwight Myers - East Central University
Tyler Griffin - East Central University

05.05.16
Synthesis and Application of Immobilization-specific Molecules for Use in SPR Experiments
Skylar Snowden - University of Oklahoma

05.05.17
Computational Investigation of Metallocene-Mediated Polyethylene Chain Propagation with Ethylene Approaching from Back Side of Growing Polymer Chain
Paritosh Das - Cameron University
Matthew Hunt - Cameron University

05.05.18
A Laser Flash Photolysis Study of Fragmentation Modes and Kinetics of Radical Cations Photogenerated from Aryl Alkanes
Paritosh Das - Cameron University
Douglas Cyr - Chevron Products Company

05.05.19
Quantitative Analysis of Alanine in Urine
Jennifer Fessler - University of Central Oklahoma

05.05.20
Protein Engineering: Designing an Artificial Nuclease
Lori Gwyn - Southwestern Oklahoma State University
Jordan Thompson - Southwestern Oklahoma State University

05.05.21
Preliminary Search for Biologically Active Secondary Metabolites from Cyclanthera dissecta
Ashlie Walker - Southwestern Oklahoma State University

05.05.22
Teaching Stereochemistry in an Undergraduate Organic Chemistry Course: A More Efficient Arrangement
Daniel McInnes - East Central University

05.05.23
Using a Picospin NMR Spectrometer in an Undergraduate Organic Course
Charles Crittell - East Central University

05.05.24
Synthesis and Purification of Flexible Heteroatinoids E1 and E9
Audrey Johnston - University of Central Oklahoma
Luis Figueroa - University of Central Oklahoma
05.05.25
The Mechanisms of Various Radical Inhibitors
Mehdi Drissi - Oklahoma School of Science and Mathematics

05.05.26
Comparison of the Functionality of High Density Lipoprotein Cholesterol in Overweight Youth Before and After an Exercise Trial
Britani Vann - Langston University

05.05.27
The Effect of Macromolecular Architecture on Functional Group Accessibility in Poly(4-hydroxystyrene) Blends
Carl Aronson - Northeastern State University
Mark Williams - Northeastern State University
Tia Dunn - Northeastern State University
Christine Hellard - Northeastern State University

05.05.28
Photochemistry in Undergraduate Organic Laboratories
Roosevelt Mathews - Cameron University
Truman Deeb - Cameron University
Kristen Worthen - Cameron University
Elizabeth Nalley - Cameron University

05.05.29
Fluorinated Graphene: A Density Functional Theory Study
Ryan Johnson - Langston University

05.05.30
Dye-Sensitized Solar Cells: Energy for the Future
Roosevelt Mathews - Cameron University

05.05.31
Dye-Sensitized Solar Cells: Energy for the Future
Ciara Kelley - Cameron University
Seth Geiger - Cameron University
Jennifer Green - Cameron University
Sidney McCormack - Cameron University
Elizabeth Nalley - Cameron University

05.05.32
Microwave Synthesis in Undergraduate Organic Labs
Dane Swinford - Cameron University
Truman Deeb - Cameron University
Kristen Worthen - Cameron University
Taj Ahmad - Cameron University
Jessica Gesell - Cameron University
Elizabeth Nalley - Cameron University
05.05.33  
Crystallization of HRasG13D for Structural Determination  
Njemile Miro - Langston University

05.05.34  
Global Warming: Absorption of Carbon Dioxide Emissions by Trees to Reduce Global Warming  
Gabrielle Williams - Langston University

05.05.35  
Using the Vernier Polarimeter to Determine the Effect of PH on Optical Activity of Amino Acids  
Jessica Gesell - Cameron University  
Philip Worthen - Cameron University  
Elizabeth Nalley - Cameron University

05.05.36  
Carbon Nanotubes: Past, Present, and Future  
Avinash Deshmukh - Oklahoma School of Science and Mathematics  
Soorajnath Boominathan - Oklahoma School of Science and Mathematics

05.05.37  
Utilization of Iodine Crystals to Prevent Depletion of Ozone Layer  
Danielle Wright - Langston University

05.05.38  
Identification and Manipulation of Lignin Degrading Genes in Swithgrass  
Rajah Singh - Langston University

05.05.39  
Green Energy: Blends Of Biodiesel And Ethanol  
Joseph-Michael Fields - Langston University

05.05.40  
Effect of Global Warming on Sea Level Rise  
Ariana McCoy - Langston University

05.05.41  
Compound X: Treating Type II diabetes  
Denzel Pugh1, Bing Zhu2, Rong Ma2, Chem. Dept., Langston University, Langston, OK, 73050, Integrative Physio., UNT Health Science Center, Fort Worth, TX 76107  
Denzel Pugh - Langston University

06 COMPUTER SCIENCE

05.06.01  
Artificial Neural Networks: A Study of XOR  
Patrick Harrington - Northeastern State University  
Curtis Roberts - Northeastern State University
05.06.02
The Controversial Picture of Michael Jackson: Fear Vs. Trust
Taylor Fisher - Cameron University

05.06.03
Fast Comprehensive Planner for Fully Observable Nondeterministic Problems
Andres Calderon Jaramillo - University of Central Oklahoma
Jicheng Fu - University of Central Oklahoma

05.06.04
A Computer Science Approach To Mobile Apps Development
Rad Alrifai - Northeastern State University

05.06.05
Mining Stock Market Data
Rad Alrifai - Northeastern State University
Maurice Gatlin - Northeastern State University

05.06.06
Using CMMI to Improve Computer Science Capstone Projects
Rad Alrifai - Northeastern State University
Allan Eastham - Northeastern State University

05.06.07
Android RSS Aggregator
Rad Alrifai - Northeastern State University
Chris Garrett - Northeastern State University

05.06.08
CS Job Finder
Rad Alrifai - Northeastern State University
Jerry Capps - Northeastern State University

05.06.09
Kids: Let’s Learn
Rad Alrifai - Northeastern State University
Hue Xiong - Northeastern State University

05.06.10
Dynamic Charts
Rad Alrifai - Northeastern State University
Daniel Cooper - Northeastern State University

05.06.11
Using Machine Learning Techniques to Effectively Handle Collision in A Wheelchair Simulation System
Zhibin Zhang - University of Central Oklahoma
Jicheng Fu - University of Central Oklahoma

05.06.12
Decision Simulation Games for Bicycle Safety
Son Park - Cameron University

05.06.13
Towards a Mobile-Cloud System to Capture Wheelchair Data
John Sluder - University of Central Oklahoma
Jicheng Fu - University of Central Oklahoma
05.06.14
Development of a Smartphone App to Collect Wheelchair Maneuvering Data
Melicent King - University of Central Oklahoma
Jicheng Fu - University of Central Oklahoma

05.06.15
Using Grid Technology to Enhance Render Time for 3d Parallel Imaging and Animation
Charles Moseley - Southwestern Oklahoma State University
Mike Morrison - Southwestern Oklahoma State University
Mary Phillips - Southwestern Oklahoma State University
Hayden Harrington - Southwestern Oklahoma State University

05.06.16
Knowledge Management in a Malcolm Baldrige Framework for Small to Medium Business in Rural and Western Oklahoma
Charles Moseley - Southwestern Oklahoma State University

05.06.17
Wheelchair Simulation 3D System for Young Children with Severe Motor Impairments
Wenxi Zeng - University of Central Oklahoma
Jicheng Fu - University of Central Oklahoma
Sean Smith - University of Central Oklahoma

05.06.18
The Use of Design Patterns for Rapid Prototyping of 2D Video Games
Hong Sung - University of Central Oklahoma
Joel Darling - University of Central Oklahoma

05.06.19
A Research and Training System for Young Children With Severe Motor Impairments
Sean Smith - University of Central Oklahoma
Jicheng Fu - University of Central Oklahoma
Wenxi Zeng - University of Central Oklahoma

05.06.20
Optimizing the Network Structure for ANN in WEKA
Paul Wiechmann - University of Central Oklahoma
Jicheng Fu - University of Central Oklahoma

05.06.21
Implement the PaaS (Platform as a Service) on Windows Azure Cloud and Deploy a PHP-MySQL Cloud-based Online Registration Web Application Using FTP
Ryan Summit - Southeastern Oklahoma State University
Ming-Shan Su - Southeastern Oklahoma State University

05.06.22
Using QR Codes in Mobile Apps
Rad Alrifai - Northeastern State University
Mickey Barnett - Northeastern State University
05.06.23  
A Study of Background in a 10 Hour Exposure of NGC 4388 with the Swift BAT Telescope  
Julien Hill - Langston University  

05.06.24  
Baseline the Study for Skin Blood Flow Response to Wheelchair Tilt and Recline  
Yuan Zhou - University of Central Oklahoma  

05.06.25  
The Use of Simulation and Gaming to Improve Literacy  
Melissa Merrifield - Cameron University  

05.06.26  
A Web-based Visualization of Heuristic-based Query Optimization  
Gang Qian - University of Central Oklahoma  
Tuan Nguyen - University of Central Oklahoma  

05.06.27  
An In-Depth Study of the Ten Most Critical Web Application Security Risks  
Donghan Lee - University of Central Oklahoma  
Myung Park - University of Central Oklahoma  

05.06.28  
Establishing An HTTPS Connection Between An Android Device and A Web Server  
Gang Qian - University of Central Oklahoma  
Stan Gravchikov - University of Central Oklahoma  

05.06.29  
Future Web Application Pentesters: Equip Yourself with Top Learning Tools!  
Sachet Khanal - University of Central Oklahoma  
Myung Park - University of Central Oklahoma  

05.06.30  
The Implementation of KNN Algorithm in Wheelchair Maneuver Testing  
Chuanwei Chen - University of Central Oklahoma  

05.06.31  
Data Auto-Segmentation for Power Wheelchair Maneuver Analysis  
Tao Liu - University of Central Oklahoma  
Jicheng Fu - University of Central Oklahoma  
Gang Qian - University of Central Oklahoma
05.06.32
“The Modern Gyroscope: Using a Smart Phone to Improve the Quality of Living for People with Disabilities”
Sean Gausman, Stephen Vincent, & Dr. Jicheng Fu (Advisor)
University of Central Oklahoma
Stephen Vincent - University of Central Oklahoma

05.06.33
Global Grid Impact on Regional Universities in Oklahoma
Charles Moseley - Southwestern Oklahoma State University

05.06.34
Elucidation of Critical Skills Thinking with Visual Argumentation and Dialogue Mapping for Distributed Communities of Practice
Charles Moseley - Southwestern Oklahoma State University
J. Stout - Southwestern Oklahoma State University
Ryan Wood - Southwestern Oklahoma State University

05.06.35
Service-Oriented Architecture Within UMB
Jodeci Ross - Langston University

07 CRIMINAL JUSTICE

05.07.01
An Exploratory Analysis of Trends in Crime Related to Nursing Homes in Oklahoma over the Past 30 Years
Talisha Griffin - University of Central Oklahoma

08 ENGINEERING

05.08.01
Aerial K9 UAV System
Nick Rymer - Southwestern Oklahoma State University

05.08.02
Interaction and Dynamics of Bipolar Janus Particles in a Background Electric Field
Mohammad Hossan - University of Central Oklahoma
Matthew Benton - University of Central Oklahoma

05.08.03
Imaging Biological Tissues with Optical Coherent Tomography Based Elastography
Wei Chen - University of Central Oklahoma

05.08.04
Biological Mechanism of Nanotechnology and Near-Infrared Laser Irradiation
Wei Chen - University of Central Oklahoma
05.08.05
Suppression of Microglial-Induced Neuroinflammation in LPS-Activated Microglia by Low-Power Laser Irradiation (LPLI)
Wei Chen - University of Central Oklahoma

05.08.06
Inflatable Artificial Gravity Habitat Dynamics
Geoffrey Kibble - Oklahoma State University

05.08.07
Geometry Optimization of Aerodynamic Add-On Devices
Abdellah Ait Moussa - University of Central Oklahoma
Jeremiah Baker - University of Central Oklahoma
Justin Fischer - University of Central Oklahoma
Rohan Yadav - University of Central Oklahoma
Assal Alaee - University of Central Oklahoma

05.08.08
Design of an Unmanned Aerial Vehicle (UAV)
Baha Jassemnejad - University of Central Oklahoma
Josh Bischoff - University of Central Oklahoma
Tyler Grellner - University of Central Oklahoma
Ben Lamb - University of Central Oklahoma
Juan Orozco - University of Central Oklahoma

05.08.09
Development of Improved Autonomous Control System for Power Efficient UAV
Baha Jassemnejad - University of Central Oklahoma
Juan Orozco - University of Central Oklahoma

05.08.10
High-Efficiency Solar Panel Implementation in Unmanned Aerial Vehicles
Baha Jassemnejad - University of Central Oklahoma
Ben Lamb - University of Central Oklahoma

05.08.11
Determining Efficient Position Mapping and Navigation in Autonomous Aerial Vehicles
Baha Jassemnejad - University of Central Oklahoma
Josh Bischoff - University of Central Oklahoma

05.08.12
Utilizing Newly Available Frequencies for Communication with an Unmanned Aerial Vehicle
Baha Jassemnejad - University of Central Oklahoma
Tyler Grellner - University of Central Oklahoma
05.08.13
Design of a Digital Transmission Impairment Set
Baha Jassemnejad - University of Central Oklahoma
Stephen Frosch - University of Central Oklahoma
Keely Thompson - University of Central Oklahoma
Brandon Woodyard - University of Central Oklahoma
Montell Wright - University of Central Oklahoma
Jack Rouse - FAA

05.08.14
Automation and Control of a Switching System
Baha Jassemnejad - University of Central Oklahoma
Igor Ilikj - University of Central Oklahoma
Clinton Quisenberry - FAA

05.08.15
Stent Enhancement Using a Locally Adaptive Unsharp Masking Filter in Digital X-Ray Fluoroscopy
Dr. Yuhao Jiang - University of Central Oklahoma
Eranda Ekanayake - University of Central Oklahoma

05.08.16
The Effects of Laser Immunotherapy on Tumor Microenvironments
Joseph Acquaviva - University of Central Oklahoma
Wei Chen - University of Central Oklahoma
Ethan Wood - University of Central Oklahoma
Melville Vaughan - University of Central Oklahoma

05.08.17
Nanotechnology and Phototherapy: A Novel Treatment Modality for Metastatic Cancers
Joseph Acquaviva - University of Central Oklahoma
Wei Chen - University of Central Oklahoma
Feifan Zhou - University of Central Oklahoma

05.08.18
The Tension-Generating Ability and Appearance of Myofibroblast Tension Phenotype by Precancerous Cells, Ker-CT-Ras
Jessica Webb - University of Central Oklahoma
Melville Vaughan - University of Central Oklahoma
Sonnie Gainer - University of Central Oklahoma
Morgan Black - University of Central Oklahoma

05.08.19
Computational Model for Understanding Ciliary Mechanics
Miciah Guy - University of Central Oklahoma
Gang Xu - University of Central Oklahoma

05.08.20
Development of a Virtual Frequency Shift Keying Modem
Baha Jassemnejad - University of Central Oklahoma
Thiago Omena - University of Central Oklahoma
05.08.21
Statistical Analysis of Chemical Accidents
Stephen James - Oklahoma State University
Qingsheng Wang - Oklahoma State University

05.08.22
Data Acquisition System for Fluid Dynamics Research
Lillian Seay - University of Central Oklahoma

05.08.23
Probing Mechanical Stresses in Human Fibroblast Collagen Lattices
Lauren Tinnin - University of Central Oklahoma
Cory Anderson - University of Central Oklahoma
Gang Xu - University of Central Oklahoma
Melville Vaughan - University of Central Oklahoma
Khiet Tran - University of Central Oklahoma

05.08.24
A Controller of Laser Irradiation for the Treatment of Metastatic Cancer
Joseph Acquaviva - University of Central Oklahoma
Jacob Prichard - University of Central Oklahoma
Paul Faryna - University of Central Oklahoma
Nhung Ngo - University of Central Oklahoma

05.08.25
Design and Construction of Fatigue Test Setup to Evaluate Fiber Coated Hip Implant
Zhaotong Meng - University of Central Oklahoma
Kate Foran - University of Central Oklahoma
Paul Snow - University of Central Oklahoma

05.08.26
Alternative Monomer Effects on the Exothermic Temperature of PMMA
Zhaotong Meng - University of Central Oklahoma

05.08.27
Wind Tunnel Measurements of Aerodynamic Drag on Road Vehicles
Nick Chalifoux - University of Central Oklahoma
Jeremiah Baker - University of Central Oklahoma
Micah Guy - University of Central Oklahoma
Jeremiah Baker - University of Central Oklahoma
Abdellah Ait Moussa - University of Central Oklahoma

05.08.28
Home Automation System
Amy Gueye - University of Central Oklahoma
Charlotte Chea - University of Central Oklahoma
05.08.29
Quantitative Assessment of a Second-Order Bio-heat Transfer Model for Thermography-Derived Perfusion Imaging
Vasumathi Chalasani - Oklahoma State University
Daqing Piao - Oklahoma State University

05.08.30
Determination of Loss Coefficients and Entrance Lengths using the Entropy Generation Method
Brock Ring - University of Central Oklahoma
Evan Lemley - University of Central Oklahoma

05.08.31
Design and Implementation of a Multi-Dimensional Staging and Flow Measurement System for Particle Image Velocimetry-based Fluid Dynamics Research
Brock Ring - University of Central Oklahoma
Brody Tucker - University of Central Oklahoma
Rodney Worthen - University of Central Oklahoma
Evan Lemley - University of Central Oklahoma

05.08.32
Automation and Remote Control of an Astronomical Observatory in Northwest Oklahoma
Baha Jassemnejad - University of Central Oklahoma
Scott St John - University of Central Oklahoma

05.08.33
Modular Optical Tweezers as a Tool for Cancer Research
Baha Jassemnejad - University of Central Oklahoma
Brian Reed - University of Central Oklahoma
Gang Xu - University of Central Oklahoma
Cody Bahavar - University of Central Oklahoma
Wei Chen - University of Central Oklahoma

05.08.34
Single fiber reflectance spectroscopy measurements need to be normalized using geometry-specific methods
Nigar Sultana - Oklahoma State University
Daqing Piao - Oklahoma State University

05.08.35
Wireless Patient Vitals Monitor
Samuel Diaz - University of Central Oklahoma
Sagun Mishra - University of Central Oklahoma
Nitesh Basnet - University of Central Oklahoma
Dr. Yuhao Jiang - University of Central Oklahoma
Eranda Ekanayake - University of Central Oklahoma
05.08.36
**Biomechanical Characterization of Algal Motility in Response to Medium Viscosity**
Kara Clark - University of Central Oklahoma
Jordan Johnson - University of Central Oklahoma
Davis Kuriakose - University of Central Oklahoma
Daniel Fijalka - University of Central Oklahoma
McKayla Mashburn - University of Central Oklahoma
Gang Xu - University of Central Oklahoma
Steven Karpowicz - University of Central Oklahoma

05.08.37
**Design and Construction of a Micropipette Manipulation System for Cellular Biophysics Research**
Nikolas Wagner - University of Central Oklahoma
Gang Xu - University of Central Oklahoma

05.08.38
**Effects of laser immunotherapy with cyclophosphamide for the treatment of metastatic cancer**
Cody Bahavar - University of Central Oklahoma
Aamr Hasanjee - University of Central Oklahoma
Sheyla Rabei - University of Central Oklahoma
Wei Chen - University of Central Oklahoma
Joseph Acquaviva - University of Central Oklahoma

05.08.39
**Design of an Experimental Apparatus to Examine Inlet Geometries and Flow Characteristics of Developing Flow in Rectangular Channels**
Aric Gillispie - University of Central Oklahoma
Evan Lemley - University of Central Oklahoma
Brock Ring - University of Central Oklahoma
Grant Armstrong - University of Central Oklahoma
Brody Tucker - University of Central Oklahoma

05.08.40
**Energy Losses of Fluids as a Function of Entropy Generation**
James Stewart - University of Central Oklahoma
Brock Ring - University of Central Oklahoma
Evan Lemley - University of Central Oklahoma

05.08.41
**Three directional Accelerometer with application**
Quinten Walker - Langston University
05.08.42
Innovative Shear Stress Sensing Technique Using Liquid Crystal
Alaeddin Abu-Abed - University of Central Oklahoma

05.08.43
Optimization of Data Acquisition for Micro Fluid Systems
Daniel Atkinson - University of Central Oklahoma

09 ENVIRONMENTAL SCIENCE

05.09.01
Enhanced Microbial Remediation of Nitrate and Perchlorate in a Simulated Aquifer Through Electrical Proton Reduction
Linzi Thompson - East Central University
Guy Sewell - East Central University

05.09.02
Denning and Nesting Sites of Neotoma cinerea by Radio Telemetry
Mary Jordan - Langston University

05.09.03
A Novel and Economical Approach to Remote Sensing of Hydroperiods in Montane Desert Aquatic Systems
Jeremy Massengill - University of Central Oklahoma
Paul Stone - University of Central Oklahoma

05.09.04
Bioremediation of Chlordane by Indigenous Actinomycetes Bacteria
Jocelyn Bidlack - University of Central Oklahoma
Paul Olson - University of Central Oklahoma

05.09.05
Non-Occupational Noise Assessment Of Ear Pod Auditory Noise Exposure Among Southeastern Oklahoma State University Students
Chris Bradshaw - Southeastern Oklahoma State University

10 FORENSIC SCIENCE

05.10.01
Stability of Synthetic Cannabinoids in Biological Specimens: Analytical Analysis through Liquid Chromatography tandem Mass Spectrometry
Chelsea Fort - University of Central Oklahoma
Thomas Jourdan - University of Central Oklahoma

05.10.02
Enzymatic Means to Rehabilitate Degraded DNA
Nicole Sambol - University of Central Oklahoma
James Creecy - University of Central Oklahoma
05.10.03
A Validation Study of the Bloodstain Classification Decision Map
Kacey Brown - University of Central Oklahoma
Wayne Lord - University of Central Oklahoma
Mark McCoy - University of Central Oklahoma
Craig Gravel - University of Central Oklahoma
Tracy Morris - University of Central Oklahoma

05.10.04
Comparison and Assessment of Field Test Kits for Commonly Seized Drugs of Abuse
Viena Thomas - University of Central Oklahoma
Thomas Jourdan - University of Central Oklahoma
Heather Schafstall - University of Central Oklahoma

05.10.05
Practical Evidence Processing: Does Cyanoacrylate Fuming Hinder Firearms Analysis?
Elyse Owens - University of Central Oklahoma

05.10.06
A Comparative Study of CAD Zone and SceneVision 3D Software Programs for Creating 3D Models for Crime Scene Reconstruction
Robyn Mihandoost - University of Central Oklahoma

05.10.07
Assessing DNA Quantity and Quality Using Real-Time PCR
Danielle Rose - University of Central Oklahoma

05.10.08
Patterns of Cooling-off Periods in Serial Homicide Cases
Mia Solomon - University of Central Oklahoma
John Mabry - University of Central Oklahoma

11 GENETICS

05.11.01
Construction of Peanut Premature Stage Whole Plant cDNA library
Ning Wu - Langston University
Kanyand Matand - Langston University
Nicole Newman - Langston University
Morgan James - Langston University

05.11.02
Characterization of Developmental Gene Expression in a Dictyostelium Mutant Lacking ERK1 and RegA
Troy King Jr. - Oklahoma State University
David Schwebs - Oklahoma State University
Jeffrey Hadwiger - Oklahoma State University
05.11.03
**Genetic Analysis of Tetracycline Resistant Fecal Coliforms Isolated From Refuge Bison and Longhorn Cattle versus Agricultural Cattle**
Joseph Kheir - Cameron University
Tahzeeba Frisby - Cameron University
Dennis Frisby - Cameron University

05.11.04
**Dietary Restriction Suppresses Tumor Formation in a Drosophila Model of Cancer**
Joseph Ahlander - Northeastern State University
Jacob Yerton - Northeastern State University
Harsh Patel - Northeastern State University
Carla Horton - Northeastern State University

12 KINESIOLOGY

05.12.01
**Physiological Differences Between Indoor and Outdoor Climbing**
Brian Myers - University of Central Oklahoma

13 MATHEMATICS

05.13.01
**The Senior’s Dream**
Stephanie Duncan - East Central University

05.13.02
**The Golden Ratio in Geometric Figures**
Cady Murphy - East Central University

05.13.03
**Locating Roots of A Certain Class of Polynomials**
Akinola Akinlawon - Cameron University
Ioannis Argyros - Cameron University

05.13.04
**How Far is a Chicken McNugget From Being Prime?**
Staci Gleen - Langston University

05.13.05
**A Mathematical Model of Circadian Rhythms in Drosophila**
Alanna Riederer - University of Central Oklahoma
Brittany Myers - University of Central Oklahoma
Brittany Bannish - University of Central Oklahoma

05.13.06
**When is a Ride on Airport Pavement Too Rough For Humans?**
David Stapleton - University of Central Oklahoma

05.13.07
**A Within-Host Mathematical Model of HIV Infection during Combination Therapies**
Candace Baker - University of Central Oklahoma
Sean Laverty - University of Central Oklahoma
05.13.08
**Dynamics of Laser-Initiated Immunotherapy of Cancer**
Bryan Dawkins - University of Central Oklahoma
Sean Laverty - University of Central Oklahoma
Wei Chen - University of Central Oklahoma

05.13.09
**Modeling of Blood Clot Degradation Associated with TAFIa and tPA**
Hyunjong Kim - University of Central Oklahoma
Brittany Bannish - University of Central Oklahoma

05.13.10
**Jacobi vs. Gauss-Seidel**
Kendra Parker - East Central University

05.13.11
**Modeling The Relationship Between uPA and PAI-1, and Tumor Cell Growth**
Ara Han - University of Central Oklahoma
Brittany Bannish - University of Central Oklahoma

05.13.12
**Application of Least Square Problem to 3D Intensity Modulated Radiation Therapy Planning Problems - Part I**
Andrew Bucki - Langston University
Abebaw Tadesse - Langston University
Taylor Pleasant - Langston University
Tayla Vaughn - Langston University
Staci Gleen - Langston University
Laurence Smith - Langston University

05.13.13
**Application of Least Square Problem to 3D Intensity Modulated Radiation Therapy Planning Problems - Part II**
Abebaw Tadesse - Langston University
Taylor Pleasant - Langston University
Tayla Vaughn - Langston University
Staci Gleen - Langston University
Laurence Smith - Langston University
Andrew Bucki - Langston University
Franklin Fondjo - Langston University
05.13.14
**Counting Nonhomeomorphic Paintings of Noncut Points of Caterpillar Continua**
Michael McClendon - University of Central Oklahoma
Jonathan Yarbrough - University of Central Oklahoma
Mikasa Barnes - University of Central Oklahoma

05.13.15
**Convincing Students That Old Dogs Can Learn New Tricks**
Bradley Paynter - University of Central Oklahoma

05.13.16
**A Heuristic to Dynamically Determine the Minimum Graduation Time for Students**
Bradley Paynter - University of Central Oklahoma
Spencer Harris - University of Central Oklahoma
Kristina Sundy - University of Central Oklahoma

05.13.17
**Determining the Optimal Placement of the Quarantine Specialist in the Board Game “Pandemic”**
Bradley Paynter - University of Central Oklahoma
Spencer Harris - University of Central Oklahoma
Kristina Sundy - University of Central Oklahoma
Nicholas Hardwick-Hall - University of Central Oklahoma
Victoria Ford - University of Central Oklahoma
Dominic Romano - University of Central Oklahoma

05.13.18
**Proof Involving Biconditional Statements**
Beautiful-Joy Fields - Langston University

05.13.19
**A Biconditional Proof**
Kichelle Henderson - Langston University

05.13.20
**Explicit Formula Derivation of (a,b,c)−sequences using an Endomorphism Approach**
Richard Hwang - Oklahoma School of Science and Mathematics
Andrew Bucki - Langston University

05.13.21
**Computational Thinking and Programming Approach in Teaching and Learning Processes**
John Kreidler - Oklahoma School of Science and Mathematics
Andrew Bucki - Langston University

05.13.22
**Richard Courant: “Gottingen is Here”**.
Charlotte Simmons - University of Central Oklahoma
Effective Use of Online Video in Mathematics Education
Michael Fulkerson - University of Central Oklahoma
Kristina Stevenson - University of Central Oklahoma

Meibomian Gland Expression in Patients without Dry Eye Symptoms
Amy Dang - Northeastern State University
Shabree Nichols - Northeastern State University
Latricia Pack - Northeastern State University

Selective Laser Trabeculoplasty Long-Term Outcomes in Native American Glaucoma Patients
Trent Ott - Northeastern State University
Drew Heide - Northeastern State University

Curriculum across Schools and Colleges of Optometry
Courtney Bloodgood - Northeastern State University

Vault and Curvature Change of Jupiter Scleral Lenses using OCT
Kelly McLain - Northeastern State University
Thomas Salmon - Northeastern State University

The Effect of Automated Auditory Cues on Humphrey Visual Field Performance
Jamie Rodriguez - Northeastern State University

The Effect of Elastic Modulus of Soft Contact Lenses on Goldmann Applanation Tonometry
Lauren Claborn - Northeastern State University

Studying the Effect of Binasal Occlusion on Visual Function Using the DEM
Anthony Battese - Northeastern State University

Comparison of the Pacific Acuity Test to the Gold Standard Teller Acuity Card
Leslie Faulkner - Northeastern State University
05.14.09
**Comparison of Vertical Cup-to-Disc Ratio and Optic Nerve Head Size Using Fundus Photography vs. Cirrus SD-OCT**
Jason Dobson - Northeastern State University
Derek Wills - Northeastern State University
Leland Carr - Northeastern State University

05.15.01
**The Effect of Human Papillomavirus on the Adolescent Male Population**
Frannie Landrigan - Northwestern State University
Ryan Cooper - Northwestern State University
Toni Zumalt - Northwestern Oklahoma State University

05.15.02
**Prophage SF370.1 Is The Helper Phage Of Streptococcus Pyogenes Chromosomal Island SPYCIM1**
Craig Land - Redlands Community College

05.15.03
**Novel Cyclen Based Antimalarial Agent: In Vitro And In Vivo Studies**
Prince Amoyaw - Southwestern Oklahoma State University
Josiah Dittrich - Southwestern Oklahoma State University

05.16.01
**Attenuation Coefficient of Sunflower Oil**
Ashma Shiwakoti - East Central University
Shiela Pradhan - East Central University
Manju Maharjan - East Central University
Karen Williams - East Central University

05.16.02
**Storage of Solar Energy in a Proton Exchange Membrane Fuel Cell**
Saeed Ahmad - Cameron University
Sammie Powell - Cameron University
Brent Chappell - Cameron University

05.16.03
**Caffeine Determination in Energy Beverages**
Nik Razo - East Central University

05.16.04
**Solution Based Deposition of Antimony Doped Tin Oxide Films**
John Dale - East Central University

05.16.05
**Charged Particles in Chaotic Magnetic Fields**
Carolina Vega - Oklahoma State University
05.17.01
**Parent Cultural Differences in the Defensive Self-Esteem/Child-Mortality Salience Connection**
Jacob Jardel - Cameron University
Jenel Cavazos - Cameron University

05.17.02
**Wielding I: Weighing Evidence**
Valan Buccella - University of Central Oklahoma

05.17.03
**Personality and Situational Correlates of False Confessions**
Kathryn Schrantz - University of Central Oklahoma
Alicia Limke - Southern Nazarene University
Mickie Vanhoy - University of Central Oklahoma

05.17.04
**Parenting Styles and the Effects on Personality**
Katelyn James - Northwestern State University
Sherril Stone - Northwestern State University

05.17.05
**Relating Early Television Viewing to Current Aggressive Behaviors: A Retrospective Recall Approach**
Jeff Seger - Cameron University
Richard Potts - Oklahoma State University

05.17.06
**The Moderating Role of Actual-Desired Discrepancies in Priming Effects**
J. Adam Randell - Cameron University
Darcy Reich - Texas Tech University

05.17.07
**Temperature Perception and the Experience of Envy**
Kristofer Thompson - University of Central Oklahoma
Robert Mather - University of Central Oklahoma

05.17.08
**Ethnic and American Identity as Predictors for Self-Esteem Across Ethnicities**
Alicia Woodrum - Northeastern State University
Rachel Clinton - Northeastern State University
Kelin Stratton - Northeastern State University

05.17.09
**The Practice of Mindfulness**
Son Park - Cameron University

05.17.10
**A Replication, Evaluation, and Criticism of Unconscious Thought Theory**
Keia Atkinson - University of Central Oklahoma
Robert Mather - University of Central Oklahoma
<table>
<thead>
<tr>
<th>Date</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>05.17.11</td>
<td>Intelligence and Religiosity: Clearing the Muddy Waters</td>
<td>Kathryn Schrantz - University of Central Oklahoma, Alisa Huskey - University of Central Oklahoma, Caleb Lack - University of Central Oklahoma</td>
</tr>
<tr>
<td>05.17.12</td>
<td>Pet Ownership and Personality Type</td>
<td>Concetta Cline - Northwestern State University</td>
</tr>
<tr>
<td>05.17.13</td>
<td>Perception of Management: The Effects of Management on Employee Actions</td>
<td>Joey Smith - Northeastern State University, Steven Byers - Northeastern State University</td>
</tr>
<tr>
<td>05.17.14</td>
<td>Empathy and Law, Cross Study on How the Emotional Display and Gender of the Accused Can Effect Jury Verdict Decisions</td>
<td>Cody Soden - East Central University</td>
</tr>
<tr>
<td>05.17.15</td>
<td>Artificial Versus Real Animals in Nursing Homes</td>
<td>Ally McBee - Northwestern State University</td>
</tr>
<tr>
<td>05.17.16</td>
<td>Wedded Bliss: Dual Incomes and Shared Finances</td>
<td>Amanda Swope - Northeastern State University, April Phillips - Northeastern State University</td>
</tr>
<tr>
<td>05.17.17</td>
<td>School Satisfaction, Global Functioning, and the Parent-Child Relationship</td>
<td>James Haws - University of Central Oklahoma, Veronika Karpenko - University of Central Oklahoma, Julie Owens - Ohio University</td>
</tr>
<tr>
<td>05.17.18</td>
<td>The Mirror Neuron System and Empathy</td>
<td>Jennifer Hancock - University of Central Oklahoma, Justin Durham - University of Central Oklahoma, Deon Hall - University of Central Oklahoma, Robert Mather - University of Central Oklahoma</td>
</tr>
<tr>
<td>05.17.19</td>
<td>Oxytocin as a Mitigator of Aggression</td>
<td>Stephanie Menotti - University of Central Oklahoma, Lindsey Osterman - Roanoke College, Amelia Brewer - University of Central Oklahoma</td>
</tr>
<tr>
<td>Date</td>
<td>Title</td>
<td>Authors</td>
</tr>
<tr>
<td>-------</td>
<td>-------------------------------------------------------------------------------------------</td>
<td>----------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>05.17.20</td>
<td>Effect of Exposure to Profanity on use of Profanity in Live Environments</td>
<td>Christopher Stevens - Southwestern Oklahoma State University, Stephen Burgess - Southwestern Oklahoma State University</td>
</tr>
<tr>
<td>05.17.21</td>
<td>Community Service Through Service-Learning Through Service-Learning Assessment</td>
<td>Barbara Arnold - University of Central Oklahoma</td>
</tr>
<tr>
<td>05.17.22</td>
<td>Primary Motor Cortex Stimulation Affects Visual Guidance and Attention Systems</td>
<td>Thomas Taylor - University of Central Oklahoma</td>
</tr>
<tr>
<td>05.17.23</td>
<td>Sibling Influence on an Individual’s Autonomy in 1st, 1.5, and 2nd Generation Keralities Compared to European Americans.</td>
<td>Eunice Melakayil - University of Central Oklahoma</td>
</tr>
<tr>
<td>05.17.24</td>
<td>Mirror Neurons: A Potential key to Unlocking Child Behavior</td>
<td>Karie Cragg - Northeastern State University</td>
</tr>
<tr>
<td>05.17.25</td>
<td>The Influence of a Biological Explanation of Psychopathy in the Courtroom</td>
<td>Sean McMillan - University of Central Oklahoma</td>
</tr>
<tr>
<td>05.17.26</td>
<td>Sleep and Dreams</td>
<td>Brooke Beckner - Northwestern State University</td>
</tr>
<tr>
<td>05.17.27</td>
<td>Extending the Self-Esteem/Child-Mortality Salience Connection to Parental Status and Sex</td>
<td>Leanne Perales - Cameron University, Jenel Cavazos - Cameron University</td>
</tr>
<tr>
<td>18 STATISTICS</td>
<td>Variables Influencing Future Traffic Fatalities in Oklahoma</td>
<td>Brendon Balch - University of Central Oklahoma, Kristen Highful - University of Central Oklahoma, Tracy Morris - University of Central Oklahoma</td>
</tr>
</tbody>
</table>
05.18.02
A Statistical Analysis of the Influences on Historical Property Ownership in Oklahoma
Tracy Morris - University of Central Oklahoma
Jessica Sanders - University of Central Oklahoma
Ariel Webb - University of Central Oklahoma

05.18.03
A Study in Determining Predictive Models of Future Success for Students Applying to the UCO Nursing Program
Benjamin Suderman - University of Central Oklahoma
Brendon Balch - University of Central Oklahoma
Carl Slifer - University of Central Oklahoma
Tracy Morris - University of Central Oklahoma
Zindaba Tembo - University of Central Oklahoma
Ariel Webb - University of Central Oklahoma

19 ZOOLOGY

05.19.01
Anatomical and Morphometric Variations in the Arterial System of the Domestic Cat
V.H. Gonzalez Betancourt - Southwestern Oklahoma State University
Sue Ball - Southwestern Oklahoma State University
Anna Smith - Southwestern Oklahoma State University
Robert Cramer - Southwestern Oklahoma State University

05.19.02
Defensive Coloration in Long-nosed Snakes
Anjeela Shrestha - Northwestern Oklahoma State University
Aaron Place - Northwestern State University

05.19.03
Modelling the Potential Distribution of Henslow’s Sparrow (Ammodramus Henslowii) by the 2050s and 2080s Using Maxent
Katrina Hucks - University of Central Oklahoma
Chris Butler - University of Central Oklahoma

05.19.04
Effects of Climate Change on Niche Apportionment Models
Nathan Hillis - University of Central Oklahoma
Chris Butler - University of Central Oklahoma

05.19.05
Operant Conditioning in Anolis Lizards: Initial Shaping Procedure
Zoe Austin - Oklahoma State University
05.19.06
Macroinvertebrate Assemblages And Water Quality Analysis Of Spring Systems Associated With The Pontotoc Ridge Nature Preserve, Oklahoma
David Bass - University of Central Oklahoma
Kambridge Brown - University of Central Oklahoma

05.19.07
An Assessment of the Native Fishes of the Lower Pecos River, Texas
Cody Morris - Southeastern Oklahoma State University
Tim Patton - Southeastern Oklahoma State University

05.19.08
Competitive Dominance in Five Dove Species
Daniel Whalen - University of Central Oklahoma
Chris Butler - University of Central Oklahoma
A
Abame, Alfa .................. 05.03.101
Abbott, Matthew ............ 05.03.66
Abebe, Girma................ 05.02.01
Abraham, Kj .................. 05.03.100
Abraham, Kj .................. 05.03.65
Abreu Roman, Maryfer ..... 01.07.08
Abu-Abed, Alaeddin ......... 05.08.42
Acosta, Dalia................ 05.03.75
Acquaviva, Joseph ........... 05.08.16
Acquaviva, Joseph .......... 05.08.17
Acquaviva, Joseph ........... 05.08.24
Acquaviva, Joseph .......... 05.08.38
Adam, Carter ................ 01.06.08
Adams, April ................ 02.06.05
Aggarwal, Sugandha ......... 05.03.27
Aguirre-Y-Luker, Grant ..... 01.07.12
Ahlander, Joseph ............ 05.11.04
Ahmad, Saeed ................. 05.16.02
Ahmad, Taj ................... 05.05.32
Ahrasbrak, MGC ............... 05.02.08
Ait Moussa, Abdellah .......... 05.08.07
Ait Moussa, Abdellah .......... 05.08.27
Akinlawon, Akinola .......... 05.13.03
Aalae, Assal .................. 05.08.07
Albahadily, F.N. ............. 05.03.77
Albahadily, F.N. ............. 05.05.01
Albahadily, F.N. ............. 05.05.02
Alhodithi, Nawal ............ 04.02.04
Ali, Naushad .................. 05.03.18
Aliaga-Rossel, Enzo .......... 05.03.91
Alltizer, Richard ............. 01.01.01
Alltizer, Richard ............. 01.01.02
Airifai, Rad ................... 05.06.04
Airifai, Rad ................... 05.06.05
Airifai, Rad ................... 05.06.06
Airifai, Rad ................... 05.06.07
Airifai, Rad ................... 05.06.08
Airifai, Rad ................... 05.06.09
Airifai, Rad ................... 05.06.10
Airifai, Rad ................... 05.06.22
Al-Rifai, Shafiq ............... 05.03.89
Alsobrook, Laura ............. 01.02.02
Altom-Deckard, Shannon ... 02.01.19
Alworden, Jacqueline ....... 04.01.17
Amaeze, Uchechi ............ 01.05.04
Amaireh, Hazim .............. 05.05.01
Amit, Jonathan ............... 05.03.13
Amoyaw, Prince .............. 02.03.08
Amoyaw, Prince .............. 02.03.09
Amoyaw, Prince .............. 02.03.17
Amoyaw, Prince .............. 05.15.03
Anderson, Cory .............. 05.08.23
Anderson, Peggy ............. 01.07.03
Anderson, Peggy ............. 01.07.04
Anton, Mark .................. 05.05.03
Anton, Vanessa ............... 02.06.03
Aracena, Jimena .............. 05.03.109
Argyros, Ioannis ............. 05.13.03
Armstrong, Grant ............ 05.08.39
Arnold, Allen ................ 01.04.07
Arnold, Allison .............. 05.03.04
Arnold, Barbara ............. 05.17.21
Aronson, Carl ................. 05.05.27
Askar, Ahmed ................. 05.02.02
Atkinson, Daniel ............. 05.08.43
Atkinson, Keia ............... 01.05.03
Atkinson, Keia ............... 05.17.10
<table>
<thead>
<tr>
<th>Name</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butler, Chris</td>
<td>05.03.06</td>
</tr>
<tr>
<td>Butler, Chris</td>
<td>05.03.19</td>
</tr>
<tr>
<td>Butler, Chris</td>
<td>05.03.50</td>
</tr>
<tr>
<td>Butler, Chris</td>
<td>05.03.72</td>
</tr>
<tr>
<td>Butler, Chris</td>
<td>05.03.92</td>
</tr>
<tr>
<td>Butler, Chris</td>
<td>05.03.99</td>
</tr>
<tr>
<td>Butler, Chris</td>
<td>05.19.03</td>
</tr>
<tr>
<td>Butler, Chris</td>
<td>05.19.04</td>
</tr>
<tr>
<td>Butler, Chris</td>
<td>05.19.08</td>
</tr>
<tr>
<td>Byers, Steven</td>
<td>02.02.06</td>
</tr>
<tr>
<td>Byers, Steven</td>
<td>05.17.13</td>
</tr>
<tr>
<td>Chaddell, Gloria</td>
<td>04.05.01</td>
</tr>
<tr>
<td>Caffee, Cheryl</td>
<td>04.07.03</td>
</tr>
<tr>
<td>Caire, William</td>
<td>05.03.72</td>
</tr>
<tr>
<td>Çakmak, Ibrahim</td>
<td>05.03.03</td>
</tr>
<tr>
<td>Calderon Jaramillo</td>
<td>05.06.03</td>
</tr>
<tr>
<td>Calix, Shaun</td>
<td>02.02.05</td>
</tr>
<tr>
<td>Camey, John</td>
<td>01.06.03</td>
</tr>
<tr>
<td>Campbell, Kitty</td>
<td>01.06.01</td>
</tr>
<tr>
<td>Caniglia, Michael</td>
<td>05.03.23</td>
</tr>
<tr>
<td>Caniglia, Michael</td>
<td>05.03.66</td>
</tr>
<tr>
<td>Capps, Jerry</td>
<td>05.06.08</td>
</tr>
<tr>
<td>Caprilli, Barbara</td>
<td>03.05.04</td>
</tr>
<tr>
<td>Carr, Leland</td>
<td>05.14.09</td>
</tr>
<tr>
<td>Carson, Sharonda</td>
<td>05.03.91</td>
</tr>
<tr>
<td>Carter, Elizabeth</td>
<td>05.03.95</td>
</tr>
<tr>
<td>Castle, Lisa</td>
<td>05.04.04</td>
</tr>
<tr>
<td>Cates, Stephen</td>
<td>05.03.26</td>
</tr>
<tr>
<td>Cavazos, Jenel</td>
<td>05.17.01</td>
</tr>
<tr>
<td>Cavazos, Jenel</td>
<td>05.17.27</td>
</tr>
<tr>
<td>Cave, Dillon</td>
<td>05.03.46</td>
</tr>
<tr>
<td>Chalasani, Vasumathi</td>
<td>05.08.29</td>
</tr>
<tr>
<td>Chalfoux, Nick</td>
<td>05.08.27</td>
</tr>
<tr>
<td>Chan, Huey</td>
<td>02.03.03</td>
</tr>
<tr>
<td>Chang, Jieun</td>
<td>01.03.11</td>
</tr>
<tr>
<td>Chappell, Brent</td>
<td>05.16.02</td>
</tr>
<tr>
<td>Chatman, David</td>
<td>03.04.05</td>
</tr>
<tr>
<td>Chea, Charlotte</td>
<td>05.08.28</td>
</tr>
<tr>
<td>Cheek, Justin</td>
<td>05.03.16</td>
</tr>
<tr>
<td>Chen, Xi</td>
<td>02.03.23</td>
</tr>
<tr>
<td>Chen, Jennifer</td>
<td>05.05.09</td>
</tr>
<tr>
<td>Chen, Chuanwei</td>
<td>05.06.30</td>
</tr>
<tr>
<td>Chen, Wei</td>
<td>05.08.03</td>
</tr>
<tr>
<td>Chen, Wei</td>
<td>05.08.04</td>
</tr>
<tr>
<td>Chen, Wei</td>
<td>05.08.05</td>
</tr>
<tr>
<td>Chen, Wei</td>
<td>05.08.16</td>
</tr>
<tr>
<td>Chen, Wei</td>
<td>05.08.17</td>
</tr>
<tr>
<td>Chen, Wei</td>
<td>05.08.33</td>
</tr>
<tr>
<td>Chen, Wei</td>
<td>05.08.38</td>
</tr>
<tr>
<td>Chen, Wei</td>
<td>05.13.08</td>
</tr>
<tr>
<td>Cheng, Joselina</td>
<td>01.05.03</td>
</tr>
<tr>
<td>Chicas-Mosier, A.M.</td>
<td>05.03.35</td>
</tr>
<tr>
<td>Chisom, Juliette</td>
<td>05.05.02</td>
</tr>
<tr>
<td>Chooback, Lillian</td>
<td>02.03.10</td>
</tr>
<tr>
<td>Chooback, Lillian</td>
<td>05.05.05</td>
</tr>
<tr>
<td>Chooback, Lillian</td>
<td>05.05.06</td>
</tr>
<tr>
<td>Chooback, Lillian</td>
<td>05.05.07</td>
</tr>
<tr>
<td>Chooback, Lillian</td>
<td>05.05.10</td>
</tr>
<tr>
<td>Christensen, Brooke</td>
<td>04.08.06</td>
</tr>
<tr>
<td>Claborn, Lauren</td>
<td>05.14.06</td>
</tr>
<tr>
<td>Clark, Kara</td>
<td>05.08.36</td>
</tr>
<tr>
<td>Classen, Zella</td>
<td>05.04.02</td>
</tr>
<tr>
<td>Cline, Concetta</td>
<td>05.17.12</td>
</tr>
<tr>
<td>Clinton, Rachel</td>
<td>05.17.08</td>
</tr>
<tr>
<td>Clinton, Suzanne</td>
<td>01.03.09</td>
</tr>
<tr>
<td>Clinton, Suzanne</td>
<td>01.03.10</td>
</tr>
<tr>
<td>Clinton, Suzanne</td>
<td>01.06.03</td>
</tr>
<tr>
<td>Clinton, Suzanne</td>
<td>01.06.04</td>
</tr>
<tr>
<td>Cobb, Christine</td>
<td>02.03.22</td>
</tr>
<tr>
<td>Coffin, Benita</td>
<td>02.04.07</td>
</tr>
<tr>
<td>Coleman, Sam</td>
<td>05.02.10</td>
</tr>
<tr>
<td>Collins, Heather</td>
<td>05.03.05</td>
</tr>
<tr>
<td>Comeaux, Evann</td>
<td>05.05.13</td>
</tr>
<tr>
<td>Cook, Traci</td>
<td>02.04.09</td>
</tr>
<tr>
<td>Cooper, Daniel</td>
<td>05.06.10</td>
</tr>
<tr>
<td>Cooper, Patricia</td>
<td>05.03.34</td>
</tr>
<tr>
<td>Cooper, Ryan</td>
<td>05.15.01</td>
</tr>
<tr>
<td>Copeland, Kristopher</td>
<td>04.01.20</td>
</tr>
<tr>
<td>Copeland, Kristopher</td>
<td>04.01.21</td>
</tr>
<tr>
<td>Corwin, Jay</td>
<td>04.09.03</td>
</tr>
<tr>
<td>Coscia, Jennifer</td>
<td>02.01.20</td>
</tr>
<tr>
<td>Cowan, Kelly</td>
<td>02.01.25</td>
</tr>
<tr>
<td>Cowo, Carmen</td>
<td>05.03.92</td>
</tr>
<tr>
<td>Cox, Mark</td>
<td>05.03.102</td>
</tr>
<tr>
<td>Cragg, Karie</td>
<td>05.17.24</td>
</tr>
<tr>
<td>Cramer, Lakelen</td>
<td>05.03.26</td>
</tr>
<tr>
<td>Cramer, Robert</td>
<td>05.19.01</td>
</tr>
<tr>
<td>Creecy, James</td>
<td>05.10.02</td>
</tr>
<tr>
<td>Criswell, Paige</td>
<td>01.07.10</td>
</tr>
<tr>
<td>Crittell, Charles</td>
<td>05.05.23</td>
</tr>
<tr>
<td>Cullum, Kaylin</td>
<td>04.08.18</td>
</tr>
<tr>
<td>Cunliff, Ed</td>
<td>02.01.05</td>
</tr>
<tr>
<td>Cunliff, Ed</td>
<td>02.01.10</td>
</tr>
<tr>
<td>Cunningham, J. Thomas</td>
<td>05.03.24</td>
</tr>
<tr>
<td>Curtis, Kathleen</td>
<td>05.03.106</td>
</tr>
<tr>
<td>Cyr, Douglas</td>
<td>05.05.18</td>
</tr>
<tr>
<td>Daigle, Kay</td>
<td>02.05.01</td>
</tr>
<tr>
<td>Dale, John</td>
<td>05.16.04</td>
</tr>
<tr>
<td>Dang, Amy</td>
<td>05.14.01</td>
</tr>
<tr>
<td>Dang, Duong</td>
<td>01.06.07</td>
</tr>
<tr>
<td>Darling, Joel</td>
<td>05.06.18</td>
</tr>
<tr>
<td>Das, Paritosh</td>
<td>05.05.17</td>
</tr>
<tr>
<td>Das, Paritosh</td>
<td>05.05.18</td>
</tr>
<tr>
<td>Das-Bradoo, Sapna</td>
<td>05.03.26</td>
</tr>
<tr>
<td>Das-Bradoo, Sapna</td>
<td>05.03.46</td>
</tr>
<tr>
<td>Daugherty, Yvonne</td>
<td>02.03.10</td>
</tr>
<tr>
<td>Daugherty, Yvonne</td>
<td>05.05.07</td>
</tr>
<tr>
<td>Davis, Lindsay</td>
<td>05.05.12</td>
</tr>
<tr>
<td>Dawkins, Bryan</td>
<td>05.13.08</td>
</tr>
<tr>
<td>Dawson, Dean</td>
<td>05.03.108</td>
</tr>
<tr>
<td>Dechter, James</td>
<td>05.05.08</td>
</tr>
<tr>
<td>Deeb, Truman</td>
<td>05.05.28</td>
</tr>
<tr>
<td>Deeb, Truman</td>
<td>05.05.32</td>
</tr>
<tr>
<td>Deloach, Eugene</td>
<td>05.03.02</td>
</tr>
<tr>
<td>Deloach, Eugene</td>
<td>05.03.96</td>
</tr>
<tr>
<td>Name</td>
<td>Date</td>
</tr>
<tr>
<td>-------------------</td>
<td>------------</td>
</tr>
<tr>
<td>Giese, Mark</td>
<td>02.05.05</td>
</tr>
<tr>
<td>Giese, Mark</td>
<td>02.05.06</td>
</tr>
<tr>
<td>Giese, Mark</td>
<td>02.05.07</td>
</tr>
<tr>
<td>Giese, Mark</td>
<td>02.05.11</td>
</tr>
<tr>
<td>Giese, Mark</td>
<td>02.05.12</td>
</tr>
<tr>
<td>Gill, Aaron</td>
<td>04.01.05</td>
</tr>
<tr>
<td>Gillespie, Ruth</td>
<td>02.03.04</td>
</tr>
<tr>
<td>Gilling, Amina</td>
<td>05.03.15</td>
</tr>
<tr>
<td>Gillispie, Aric</td>
<td>05.08.39</td>
</tr>
<tr>
<td>Gingrich, Kelsey</td>
<td>02.03.15</td>
</tr>
<tr>
<td>Gipson, Terry</td>
<td>05.02.02</td>
</tr>
<tr>
<td>Gipson, Terry</td>
<td>05.02.03</td>
</tr>
<tr>
<td>Gipson, Terry</td>
<td>05.02.04</td>
</tr>
<tr>
<td>Gipson, Terry</td>
<td>05.02.06</td>
</tr>
<tr>
<td>Gipson, Terry</td>
<td>05.02.07</td>
</tr>
<tr>
<td>Glasco, Taylor</td>
<td>05.03.14</td>
</tr>
<tr>
<td>Glaubitz, Robert</td>
<td>03.05.04</td>
</tr>
<tr>
<td>Gleen, Staci</td>
<td>05.13.04</td>
</tr>
<tr>
<td>Gleen, Staci</td>
<td>05.13.12</td>
</tr>
<tr>
<td>Gleen, Staci</td>
<td>05.13.13</td>
</tr>
<tr>
<td>Glover, Tiffany</td>
<td>05.03.100</td>
</tr>
<tr>
<td>Goetsch, Arthur</td>
<td>05.02.01</td>
</tr>
<tr>
<td>Goetsch, Arthur</td>
<td>05.02.02</td>
</tr>
<tr>
<td>Goetsch, Arthur</td>
<td>05.02.03</td>
</tr>
<tr>
<td>Goetsch, Arthur</td>
<td>05.02.04</td>
</tr>
<tr>
<td>Goetsch, Arthur</td>
<td>05.02.05</td>
</tr>
<tr>
<td>Goetsch, Arthur</td>
<td>05.02.06</td>
</tr>
<tr>
<td>Goetsch, Arthur</td>
<td>05.02.07</td>
</tr>
<tr>
<td>Goetzinger, Jessica</td>
<td>04.08.14</td>
</tr>
<tr>
<td>Gonzalez Betancourt, V.H.</td>
<td>05.03.13</td>
</tr>
<tr>
<td>Gonzalez Betancourt, V.H.</td>
<td>05.03.83</td>
</tr>
<tr>
<td>Gonzalez Betancourt, V.H.</td>
<td>05.03.86</td>
</tr>
<tr>
<td>Gonzalez Betancourt, V.H.</td>
<td>05.06.01</td>
</tr>
<tr>
<td>Goodwin, Courtney</td>
<td>02.04.04</td>
</tr>
<tr>
<td>Goudge, Darrell</td>
<td>01.07.12</td>
</tr>
<tr>
<td>Graff, Christofer</td>
<td>01.03.10</td>
</tr>
<tr>
<td>Graham, Justice</td>
<td>03.06.19</td>
</tr>
<tr>
<td>Grant, Peter</td>
<td>05.03.36</td>
</tr>
<tr>
<td>Gravchikov, Stan</td>
<td>05.06.28</td>
</tr>
<tr>
<td>Gravel, Craig</td>
<td>05.10.03</td>
</tr>
<tr>
<td>Graves, Anna</td>
<td>05.03.42</td>
</tr>
<tr>
<td>Graves, Anna</td>
<td>05.03.44</td>
</tr>
<tr>
<td>Graves, Shelby</td>
<td>02.03.05</td>
</tr>
<tr>
<td>Gray, Charles</td>
<td>01.01.10</td>
</tr>
<tr>
<td>Gray, Charles</td>
<td>01.01.11</td>
</tr>
<tr>
<td>Gray, Jessica</td>
<td>04.01.48</td>
</tr>
<tr>
<td>Gray, Michelle</td>
<td>02.03.11</td>
</tr>
<tr>
<td>Green, Jennifer</td>
<td>05.05.31</td>
</tr>
<tr>
<td>Green, Katelyn</td>
<td>02.02.03</td>
</tr>
<tr>
<td>Green, Katelyn</td>
<td>02.02.04</td>
</tr>
<tr>
<td>Green, Malinda</td>
<td>02.01.03</td>
</tr>
<tr>
<td>Green, Rachel</td>
<td>02.01.32</td>
</tr>
<tr>
<td>Greenwood, Sydney</td>
<td>04.01.50</td>
</tr>
<tr>
<td>Gregory, Laura</td>
<td>02.03.07</td>
</tr>
<tr>
<td>Grellner, Janelle</td>
<td>02.01.07</td>
</tr>
<tr>
<td>Grellner, Tyler</td>
<td>05.08.08</td>
</tr>
<tr>
<td>Grellner, Tyler</td>
<td>05.08.12</td>
</tr>
<tr>
<td>Griffin, Talisha</td>
<td>05.07.01</td>
</tr>
<tr>
<td>Griffin, Tyler</td>
<td>05.05.15</td>
</tr>
<tr>
<td>Gruntmeir, Laura</td>
<td>05.04.01</td>
</tr>
<tr>
<td>Gueye, Amy</td>
<td>05.08.28</td>
</tr>
<tr>
<td>Günes, Nazmiye</td>
<td>05.03.03</td>
</tr>
<tr>
<td>Guo, Yue</td>
<td>04.07.06</td>
</tr>
<tr>
<td>Guragain, Manita</td>
<td>05.03.52</td>
</tr>
<tr>
<td>Gurung, Tara</td>
<td>05.03.09</td>
</tr>
<tr>
<td>Gutierrez, John</td>
<td>01.03.17</td>
</tr>
<tr>
<td>Guy, Micah</td>
<td>05.08.19</td>
</tr>
<tr>
<td>Guy, Micah</td>
<td>05.08.27</td>
</tr>
<tr>
<td>Gwyn, Lori</td>
<td>05.05.20</td>
</tr>
<tr>
<td>Hammami, Heba</td>
<td>05.03.39</td>
</tr>
<tr>
<td>Han, Ara</td>
<td>05.13.11</td>
</tr>
<tr>
<td>Hancock, Jennifer</td>
<td>05.17.18</td>
</tr>
<tr>
<td>Hancock, Thomas</td>
<td>02.01.01</td>
</tr>
<tr>
<td>Hardwick-Hall, Nicholas</td>
<td>05.13.17</td>
</tr>
<tr>
<td>Harlow, Brittany</td>
<td>04.09.06</td>
</tr>
<tr>
<td>Harrel, Patrick</td>
<td>04.09.12</td>
</tr>
<tr>
<td>Harrington, Hayden</td>
<td>05.06.15</td>
</tr>
<tr>
<td>Harrington, Patrick</td>
<td>05.06.01</td>
</tr>
<tr>
<td>Harris, Spencer</td>
<td>05.13.16</td>
</tr>
<tr>
<td>Harris, Spencer</td>
<td>05.13.17</td>
</tr>
<tr>
<td>Hart, Steven</td>
<td>05.02.05</td>
</tr>
<tr>
<td>Hart, Steven</td>
<td>05.02.07</td>
</tr>
<tr>
<td>Hartley, Bruce</td>
<td>04.01.39</td>
</tr>
<tr>
<td>Hartvigsen, Nicole</td>
<td>04.01.12</td>
</tr>
<tr>
<td>Hasanjee, Aamr</td>
<td>05.08.38</td>
</tr>
<tr>
<td>Haws, James</td>
<td>05.17.17</td>
</tr>
<tr>
<td>Haynie, Michelle</td>
<td>05.03.31</td>
</tr>
<tr>
<td>Haynie, Michelle</td>
<td>05.03.62</td>
</tr>
<tr>
<td>Haynie, Michelle</td>
<td>05.03.70</td>
</tr>
<tr>
<td>Heide, Drew</td>
<td>05.14.02</td>
</tr>
<tr>
<td>Heinemann, Richard</td>
<td>05.02.07</td>
</tr>
<tr>
<td>Hellard, Christine</td>
<td>05.05.27</td>
</tr>
<tr>
<td>Henderson, Kichelle</td>
<td>05.13.19</td>
</tr>
<tr>
<td>Hendrix, Chance</td>
<td>05.03.46</td>
</tr>
<tr>
<td>Hepner, Michelle</td>
<td>01.05.02</td>
</tr>
<tr>
<td>Hernandez, Fabian</td>
<td>04.09.13</td>
</tr>
<tr>
<td>Herrera, Amanda</td>
<td>02.03.21</td>
</tr>
<tr>
<td>Herwig, Jing</td>
<td>05.03.32</td>
</tr>
<tr>
<td>Hickenbotham, Karin</td>
<td>02.01.06</td>
</tr>
<tr>
<td>Hicks, James</td>
<td>02.06.05</td>
</tr>
<tr>
<td>Hiddink, Seth</td>
<td>05.03.25</td>
</tr>
<tr>
<td>Higa, Keith</td>
<td>02.01.14</td>
</tr>
<tr>
<td>Highful, Kristen</td>
<td>05.18.01</td>
</tr>
<tr>
<td>Hill, Julien</td>
<td>05.06.23</td>
</tr>
<tr>
<td>Hillis, Nathan</td>
<td>05.19.04</td>
</tr>
<tr>
<td>Hitz, John</td>
<td>04.02.04</td>
</tr>
<tr>
<td>Ho, Lynna</td>
<td>01.01.05</td>
</tr>
<tr>
<td>Holgado, Andrea</td>
<td>05.03.23</td>
</tr>
<tr>
<td>Holgado, Andrea</td>
<td>05.03.57</td>
</tr>
</tbody>
</table>
Ilikj, Marko ...............05.03.60
Ilikj, Igor ...............05.08.14
Ilikj, Marko ...............05.03.60
Holgado, Andrea ...........05.03.66
Holgado, Andrea ...........05.03.84
Holliday, Kathryn ...........01.07.12
Hollis, Brandy ...............04.08.06
Holmes, Katelyn ...........04.01.39
Holmes, Tawni ...............02.03.03
Horton, Amanda ...............03.03.05
Horton, Carla ...............05.11.04
Hossain, Mohammad ...........02.03.08
Hossan, Mohammad ...........05.03.76
Hubbs, Katrina ...............05.19.03
Hubbs, Robert ...............02.05.02
Huccs, Robert .........02.05.06
Hudson, Macy ...............02.05.07
Huffman, Amber ...............04.02.11
Huffman, Samantha ...........05.03.47
Hunt, Matthew ...............05.05.17
Hunter, Drew ...............02.04.01
Huskey, Alisa ...............05.17.11
Hutchings, Jayson .........04.08.20
Hwang, Richard ...............05.13.20
Inman, Beth ...............02.04.08
Istrate, Alina ...............04.09.01
Istrate, Alina ...............04.09.08
J
Jackson, Keith ...............05.05.02
Jackson, Shannon ...............04.09.07
Jackson, Tom ...............02.01.32
James, Katelyn ...............05.17.04
James, Kayleigh ...............01.03.16
James, Morgan ...............05.03.29
James, Morgan ...............05.11.01
James, Regenia ...............02.06.06
James, Stephen ...............05.08.21
Jansing, Elizabeth ...............05.03.57
Jardel, Jacob ...............05.17.01
Jassemnejad, Baha ...............05.08.08
Jassemnejad, Baha ...............05.08.09
Jassemnejad, Baha ...............05.08.10
Jassemnejad, Baha ...............05.08.11
Jassemnejad, Baha ...............05.08.12
Jassemnejad, Baha ...............05.08.13
Jassemnejad, Baha ...............05.08.14
Jassemnejad, Baha ...............05.08.20
Jassemnejad, Baha ...............05.08.32
Jassemnejad, Baha ...............05.08.33
Jennings, Dena ...............04.01.10
Jett, Jordan ...............05.02.11
Jetto, Carissa ...............02.03.12
Jiang, Yuhao ...............05.08.15
Jiang, Yuhao ...............05.08.35
Jog, Chintamani ...............01.03.08
Johari, Abbas ...............04.01.46
John, Aesha ...............04.09.11
John, Amy ...............03.03.01
John, Amy ...............03.03.02
Johnson, Amy ...............03.03.03
Johnson, Bradley ...............04.01.19
Johnson, J Michael ...............04.07.04
Johnson, John ...............02.03.24
Johnson, Jordan ...............05.08.36
Johnson, Kitty ...............04.02.01
Johnson, Ryan ...............05.05.29
Johnson, Thomas ...............04.01.01
Johnston, Audrey ...............05.05.24
Jones, Lindsay ...............05.03.06
Jones, Renee ...............02.01.33
Jones, Sadie ...............04.01.08
Jones, Shasta ...............05.03.63
Jordan, Mary ...............05.09.02
Jourdan, Thomas ...............05.03.77
Jourdan, Thomas ...............05.03.94
Jourdan, Thomas ...............05.10.01
Jourdan, Thomas ...............05.10.04
K
Kadel, Sapana ...............05.03.01
Kang, Youngho ...............01.03.11
Kang, Yura ...............01.07.13
Karahn, Ahmed ...............05.03.03
Karpowicz, Veronika ...............05.17.17
Karpowicz, Steven ...............05.03.53
Karpowicz, Steven ...............05.03.73
Karpowicz, Steven ...............05.03.76
Karpowicz, Steven ...............05.08.36
Karsten, William ...............05.05.07
Karsten, William ...............05.05.10
Kaya, Halil ...............01.04.04
Kaya, Halil ...............01.04.05
Kearns, Donna ...............02.01.23
Kefelegn, Kefele ...............05.02.01
Kelihi, Leila ...............02.01.21
Kelley, Ciara ...............05.05.31
Kelsey, Perrin ...............01.06.08
Kelso, Natasha ...............02.04.08
Kendrix, Austin ...............01.01.03
Kern, Jenine ...............02.03.14
Khadka, Pritika ...............02.03.10
Khan, Faruk ...............02.03.08
<table>
<thead>
<tr>
<th>Name</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Khan, Faruk</td>
<td>02.03.09</td>
</tr>
<tr>
<td>Khanal, Sachet</td>
<td>05.06.29</td>
</tr>
<tr>
<td>Khattab, Mahmood</td>
<td>05.03.98</td>
</tr>
<tr>
<td>Kheir, Joseph</td>
<td>05.11.03</td>
</tr>
<tr>
<td>Kibble, Geoffrey</td>
<td>05.08.06</td>
</tr>
<tr>
<td>Kidd, Shamus</td>
<td>05.03.80</td>
</tr>
<tr>
<td>Kim, Dohwon</td>
<td>02.01.24</td>
</tr>
<tr>
<td>Kim, Hyunjong</td>
<td>05.13.09</td>
</tr>
<tr>
<td>Kimberling, Caleb</td>
<td>05.04.01</td>
</tr>
<tr>
<td>Kimmel, Laura</td>
<td>05.03.62</td>
</tr>
<tr>
<td>King Jr, Troy</td>
<td>05.11.02</td>
</tr>
<tr>
<td>King, Chad</td>
<td>05.03.16</td>
</tr>
<tr>
<td>King, Chad</td>
<td>05.03.92</td>
</tr>
<tr>
<td>King, Jeff</td>
<td>02.03.22</td>
</tr>
<tr>
<td>King, Joshua</td>
<td>01.02.05</td>
</tr>
<tr>
<td>King, Melicent</td>
<td>05.06.14</td>
</tr>
<tr>
<td>Koenigs, Craig</td>
<td>05.03.28</td>
</tr>
<tr>
<td>Koester, Rachel</td>
<td>01.01.08</td>
</tr>
<tr>
<td>Koffi, Evrard</td>
<td>01.03.07</td>
</tr>
<tr>
<td>Kosmopoulou, Georgia</td>
<td>01.03.08</td>
</tr>
<tr>
<td>Kotturi, Hari</td>
<td>02.03.10</td>
</tr>
<tr>
<td>Kotturi, Hari</td>
<td>05.03.18</td>
</tr>
<tr>
<td>Krapff, Scott</td>
<td>04.01.45</td>
</tr>
<tr>
<td>Kreidler, John</td>
<td>05.13.21</td>
</tr>
<tr>
<td>Krishnan, Sivarama</td>
<td>01.04.01</td>
</tr>
<tr>
<td>Krishnan, Sivarama</td>
<td>01.04.02</td>
</tr>
<tr>
<td>Kuriakose, Davis</td>
<td>05.08.36</td>
</tr>
<tr>
<td>Kwak, Sukyoung</td>
<td>05.03.53</td>
</tr>
<tr>
<td>Kwok, Julia</td>
<td>01.02.04</td>
</tr>
<tr>
<td>Landers, Jennifer</td>
<td>04.01.03</td>
</tr>
<tr>
<td>Landrigan, Frannie</td>
<td>05.15.01</td>
</tr>
<tr>
<td>Landry, Debbie</td>
<td>02.06.03</td>
</tr>
<tr>
<td>Larkin, Haleigh</td>
<td>02.03.19</td>
</tr>
<tr>
<td>Laverty, Sean</td>
<td>05.02.13</td>
</tr>
<tr>
<td>Laverty, Sean</td>
<td>05.13.07</td>
</tr>
<tr>
<td>Laverty, Sean</td>
<td>05.13.08</td>
</tr>
<tr>
<td>Le, Tan</td>
<td>03.04.01</td>
</tr>
<tr>
<td>Lee, Donghan</td>
<td>05.06.27</td>
</tr>
<tr>
<td>Leke-Tambo, Sandra</td>
<td>05.03.42</td>
</tr>
<tr>
<td>Leke-Tambo, Sandra</td>
<td>05.03.44</td>
</tr>
<tr>
<td>Lemley, Evan</td>
<td>05.08.30</td>
</tr>
<tr>
<td>Lemley, Evan</td>
<td>05.08.31</td>
</tr>
<tr>
<td>Lemley, Evan</td>
<td>05.08.39</td>
</tr>
<tr>
<td>Lemley, Evan</td>
<td>05.08.40</td>
</tr>
<tr>
<td>Leslie, Makayla</td>
<td>05.02.10</td>
</tr>
<tr>
<td>Levinson, B</td>
<td>05.03.86</td>
</tr>
<tr>
<td>Levison, Brie</td>
<td>05.03.03</td>
</tr>
<tr>
<td>Lewis, Dalton</td>
<td>05.05.02</td>
</tr>
<tr>
<td>Lewis, Sharon</td>
<td>05.03.79</td>
</tr>
<tr>
<td>Limke, Alicia</td>
<td>05.17.03</td>
</tr>
<tr>
<td>Lin, Di</td>
<td>01.01.07</td>
</tr>
<tr>
<td>Lindroth, James</td>
<td>02.01.08</td>
</tr>
<tr>
<td>Lindsay, Kameron</td>
<td>05.03.107</td>
</tr>
<tr>
<td>Liu, Tao</td>
<td>05.06.31</td>
</tr>
<tr>
<td>Lloyd, Griselda</td>
<td>04.09.04</td>
</tr>
<tr>
<td>Lloyd, Miranda</td>
<td>03.03.08</td>
</tr>
<tr>
<td>Lloyd, Pamela</td>
<td>05.02.12</td>
</tr>
<tr>
<td>Lonetree, Ashley</td>
<td>05.03.07</td>
</tr>
<tr>
<td>Lopez, Angelica</td>
<td>02.05.03</td>
</tr>
<tr>
<td>Lopez, Irene</td>
<td>05.03.109</td>
</tr>
<tr>
<td>Lord, Wayne</td>
<td>02.01.34</td>
</tr>
<tr>
<td>Lord, Wayne</td>
<td>05.03.28</td>
</tr>
<tr>
<td>Lord, Wayne</td>
<td>05.03.50</td>
</tr>
<tr>
<td>Lord, Wayne</td>
<td>05.03.77</td>
</tr>
<tr>
<td>Lord, Wayne</td>
<td>05.03.94</td>
</tr>
<tr>
<td>Lord, Wayne</td>
<td>05.10.03</td>
</tr>
<tr>
<td>Lotlikar, Shalaka</td>
<td>05.03.37</td>
</tr>
<tr>
<td>Lucas, Meredith</td>
<td>04.01.11</td>
</tr>
<tr>
<td>Ludlum, Marty</td>
<td>01.02.01</td>
</tr>
<tr>
<td>Ludlum, Marty</td>
<td>01.02.02</td>
</tr>
<tr>
<td>Lumpkin, Nancy</td>
<td>01.04.04</td>
</tr>
<tr>
<td>Lundblad, Emily</td>
<td>01.07.10</td>
</tr>
<tr>
<td>Lyon, Desiree’</td>
<td>05.03.81</td>
</tr>
</tbody>
</table>

**M**

<table>
<thead>
<tr>
<th>Name</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mabry, John</td>
<td>05.10.08</td>
</tr>
<tr>
<td>Maddy, Mark</td>
<td>02.06.01</td>
</tr>
<tr>
<td>Madera, Christian</td>
<td>04.01.47</td>
</tr>
<tr>
<td>Madole, Gia</td>
<td>01.01.02</td>
</tr>
<tr>
<td>Magness, Matt</td>
<td>04.09.07</td>
</tr>
<tr>
<td>Maharjan, Manju</td>
<td>05.16.01</td>
</tr>
<tr>
<td>Mahoney, Madeline</td>
<td>05.03.60</td>
</tr>
<tr>
<td>Maier, Elizabeth</td>
<td>04.09.01</td>
</tr>
<tr>
<td>Maier, Elizabeth</td>
<td>04.09.08</td>
</tr>
<tr>
<td>Maisch, John</td>
<td>01.03.17</td>
</tr>
<tr>
<td>Malin, Roger</td>
<td>01.01.07</td>
</tr>
<tr>
<td>Manral, Lalit</td>
<td>01.06.02</td>
</tr>
<tr>
<td>Mark, Bowen</td>
<td>01.06.08</td>
</tr>
<tr>
<td>Markus, Wil</td>
<td>05.03.84</td>
</tr>
<tr>
<td>Martin, Heather</td>
<td>02.01.07</td>
</tr>
<tr>
<td>Martin, Jessica</td>
<td>02.06.05</td>
</tr>
<tr>
<td>Martinez, Adrienne</td>
<td>02.01.34</td>
</tr>
<tr>
<td>Massengill, Jeremy</td>
<td>05.09.03</td>
</tr>
<tr>
<td>Matand, Kanyand</td>
<td>05.03.29</td>
</tr>
<tr>
<td>Matand, Kanyand</td>
<td>05.11.01</td>
</tr>
<tr>
<td>Mather, Robert</td>
<td>02.01.34</td>
</tr>
<tr>
<td>Mather, Robert</td>
<td>05.17.07</td>
</tr>
<tr>
<td>Mather, Robert</td>
<td>05.17.10</td>
</tr>
<tr>
<td>Mather, Robert</td>
<td>05.17.18</td>
</tr>
<tr>
<td>Mathews, Roosevelt</td>
<td>05.05.28</td>
</tr>
<tr>
<td>Mathews, Roosevelt</td>
<td>05.05.30</td>
</tr>
<tr>
<td>Mathura, Sasha</td>
<td>01.01.06</td>
</tr>
<tr>
<td>Mays, Lauren</td>
<td>02.06.02</td>
</tr>
<tr>
<td>Mbaneme, Ashley</td>
<td>04.08.16</td>
</tr>
<tr>
<td>McCadoo, Michelle</td>
<td>04.01.02</td>
</tr>
<tr>
<td>McBee, Ally</td>
<td>05.17.15</td>
</tr>
<tr>
<td>McCann, Jennifer</td>
<td>02.01.31</td>
</tr>
<tr>
<td>McCann, Jennifer</td>
<td>02.01.32</td>
</tr>
<tr>
<td>Name</td>
<td>Date</td>
</tr>
<tr>
<td>------------------</td>
<td>------------</td>
</tr>
<tr>
<td>Owens, Jenna</td>
<td>04.08.17</td>
</tr>
<tr>
<td>Owens, Elyse</td>
<td>02.01.04</td>
</tr>
<tr>
<td>Neese, Sarah</td>
<td>01.07.01</td>
</tr>
<tr>
<td>Neese, Sarah</td>
<td>01.07.02</td>
</tr>
<tr>
<td>Neese, Sarah</td>
<td>01.07.04</td>
</tr>
<tr>
<td>Nelson, Mike</td>
<td>02.01.04</td>
</tr>
<tr>
<td>Neumann, Leah</td>
<td>03.01.03</td>
</tr>
<tr>
<td>Newlin, Heather</td>
<td>05.03.05</td>
</tr>
<tr>
<td>Newman, Nicole</td>
<td>05.03.29</td>
</tr>
<tr>
<td>Newman, Nicole</td>
<td>05.11.01</td>
</tr>
<tr>
<td>Ngo, Nhung</td>
<td>05.08.24</td>
</tr>
<tr>
<td>Nguyen, Charles</td>
<td>05.03.18</td>
</tr>
<tr>
<td>Nguyen, Huong</td>
<td>01.07.07</td>
</tr>
<tr>
<td>Nguyen, Thi</td>
<td>05.03.73</td>
</tr>
<tr>
<td>Nguyen, Tuan</td>
<td>05.06.26</td>
</tr>
<tr>
<td>Nica, Mihai</td>
<td>01.03.04</td>
</tr>
<tr>
<td>Nichols, Shabree</td>
<td>05.14.01</td>
</tr>
<tr>
<td>Nix, Mary</td>
<td>02.05.13</td>
</tr>
<tr>
<td>Noel, David</td>
<td>01.05.04</td>
</tr>
<tr>
<td>Nohelty, Colton</td>
<td>01.05.06</td>
</tr>
<tr>
<td>Norman, Amria</td>
<td>04.02.09</td>
</tr>
<tr>
<td>Northup, Brian</td>
<td>05.02.11</td>
</tr>
<tr>
<td>Nour-Mohammadi, Issa</td>
<td>05.05.09</td>
</tr>
<tr>
<td>Oh, Yoonsin</td>
<td>02.05.03</td>
</tr>
<tr>
<td>Okda, Wyell</td>
<td>05.03.61</td>
</tr>
<tr>
<td>Olson, Jacilyn</td>
<td>02.03.22</td>
</tr>
<tr>
<td>Olson, Kathleen</td>
<td>02.03.02</td>
</tr>
<tr>
<td>Olson, Paul</td>
<td>05.09.04</td>
</tr>
<tr>
<td>Olson, Rusty</td>
<td>04.08.09</td>
</tr>
<tr>
<td>Omena, Thiago</td>
<td>05.08.20</td>
</tr>
<tr>
<td>Orozco, Juan</td>
<td>05.08.08</td>
</tr>
<tr>
<td>Orozco, Juan</td>
<td>05.08.09</td>
</tr>
<tr>
<td>Orwel, Steve</td>
<td>04.01.14</td>
</tr>
<tr>
<td>Osterman, Lindsey</td>
<td>05.17.19</td>
</tr>
<tr>
<td>Ott, Trent</td>
<td>05.14.02</td>
</tr>
<tr>
<td>Ovrebo, Clark</td>
<td>05.03.28</td>
</tr>
<tr>
<td>Ovrebo, Clark</td>
<td>05.05.03</td>
</tr>
<tr>
<td>Owens, Elyse</td>
<td>05.10.05</td>
</tr>
<tr>
<td>Owens, Jenna</td>
<td>04.08.17</td>
</tr>
<tr>
<td>Owens, Julie</td>
<td>05.17.17</td>
</tr>
<tr>
<td>Oxford, Stephanie</td>
<td>02.06.02</td>
</tr>
<tr>
<td>Ozturk, Ahmet</td>
<td>02.05.09</td>
</tr>
<tr>
<td>Pac, Teresa</td>
<td>03.01.01</td>
</tr>
<tr>
<td>Pack, Latria</td>
<td>05.14.01</td>
</tr>
<tr>
<td>Pahsetopah, Kimberly</td>
<td>05.03.38</td>
</tr>
<tr>
<td>Paige, Forrest</td>
<td>04.07.02</td>
</tr>
<tr>
<td>Palmer, Colton</td>
<td>02.04.04</td>
</tr>
<tr>
<td>Pappas, Christine</td>
<td>04.08.13</td>
</tr>
<tr>
<td>Park, Ashley</td>
<td>02.03.10</td>
</tr>
<tr>
<td>Park, Myung</td>
<td>05.06.27</td>
</tr>
<tr>
<td>Park, Myung</td>
<td>05.06.29</td>
</tr>
<tr>
<td>Park, Son</td>
<td>05.06.12</td>
</tr>
<tr>
<td>Park, Son</td>
<td>05.17.09</td>
</tr>
<tr>
<td>Parker, Jamal</td>
<td>04.01.09</td>
</tr>
<tr>
<td>Parker, Jamal</td>
<td>04.01.40</td>
</tr>
<tr>
<td>Parker, Karlie</td>
<td>02.04.05</td>
</tr>
<tr>
<td>Parker, Kendra</td>
<td>05.13.10</td>
</tr>
<tr>
<td>Parker, Patsy</td>
<td>02.01.15</td>
</tr>
<tr>
<td>Pascual, C. J.</td>
<td>05.03.86</td>
</tr>
<tr>
<td>Patel, Harsh</td>
<td>05.11.04</td>
</tr>
<tr>
<td>Patrauchan, Marianna</td>
<td>05.03.52</td>
</tr>
<tr>
<td>Patrick, Ofelia</td>
<td>05.03.58</td>
</tr>
<tr>
<td>Patton, Tim</td>
<td>05.19.07</td>
</tr>
<tr>
<td>Paul, Eric</td>
<td>05.03.71</td>
</tr>
<tr>
<td>Paynter, Bradley</td>
<td>05.13.15</td>
</tr>
<tr>
<td>Paynter, Bradley</td>
<td>05.13.16</td>
</tr>
<tr>
<td>Paynter, Bradley</td>
<td>05.13.17</td>
</tr>
<tr>
<td>Peaden, Charles</td>
<td>04.08.01</td>
</tr>
<tr>
<td>Pearson, Karlea</td>
<td>02.03.15</td>
</tr>
<tr>
<td>Peck, Kassandra</td>
<td>02.05.11</td>
</tr>
<tr>
<td>Peetoom, Davi</td>
<td>04.08.21</td>
</tr>
<tr>
<td>Perales, Leanne</td>
<td>05.17.27</td>
</tr>
<tr>
<td>Perkins, Zachary</td>
<td>01.03.13</td>
</tr>
<tr>
<td>Perlingiere, Danielle</td>
<td>05.03.25</td>
</tr>
<tr>
<td>Perry, Kelsey</td>
<td>05.03.78</td>
</tr>
<tr>
<td>Petanidou, T.</td>
<td>05.03.83</td>
</tr>
<tr>
<td>Petanidou, T.</td>
<td>05.03.86</td>
</tr>
<tr>
<td>Peters, Joseph</td>
<td>05.03.17</td>
</tr>
<tr>
<td>Petschel, Nicholas</td>
<td>04.09.05</td>
</tr>
<tr>
<td>Pham, Kim</td>
<td>01.06.04</td>
</tr>
<tr>
<td>Pham, Lan</td>
<td>01.06.06</td>
</tr>
<tr>
<td>Phillips, April</td>
<td>05.17.16</td>
</tr>
<tr>
<td>Phillips, Mary</td>
<td>05.06.15</td>
</tr>
<tr>
<td>Phillips, Michael</td>
<td>01.03.12</td>
</tr>
<tr>
<td>Phillips, William</td>
<td>05.02.09</td>
</tr>
<tr>
<td>Phillips, William</td>
<td>05.02.10</td>
</tr>
<tr>
<td>Phillips, William</td>
<td>05.02.11</td>
</tr>
<tr>
<td>Phillips, William</td>
<td>05.04.01</td>
</tr>
<tr>
<td>Piao, Daqing</td>
<td>05.08.29</td>
</tr>
<tr>
<td>Piao, Daqing</td>
<td>05.08.34</td>
</tr>
<tr>
<td>Place, Aaron</td>
<td>05.19.02</td>
</tr>
<tr>
<td>Pleasant, Taylor</td>
<td>05.13.12</td>
</tr>
<tr>
<td>Pleasant, Taylor</td>
<td>05.13.13</td>
</tr>
<tr>
<td>Plummer, Joseph</td>
<td>04.08.10</td>
</tr>
<tr>
<td>Polk, T.</td>
<td>05.03.11</td>
</tr>
<tr>
<td>Polk, T.</td>
<td>05.03.86</td>
</tr>
<tr>
<td>Polk, Tremelle</td>
<td>05.03.03</td>
</tr>
<tr>
<td>Polk, Trimelle</td>
<td>05.03.110</td>
</tr>
<tr>
<td>Pollard, Kellyn</td>
<td>05.03.20</td>
</tr>
<tr>
<td>Poolaw, Rhiannon</td>
<td>04.02.01</td>
</tr>
<tr>
<td>Porter, Hunter</td>
<td>05.03.43</td>
</tr>
<tr>
<td>Portugal, Italo</td>
<td>05.02.08</td>
</tr>
<tr>
<td>Potts, Richard</td>
<td>05.17.05</td>
</tr>
<tr>
<td>Pourier, Jiles</td>
<td>05.03.105</td>
</tr>
<tr>
<td>Powell, Sammie</td>
<td>05.16.02</td>
</tr>
<tr>
<td>Powers, Melissa</td>
<td>02.03.07</td>
</tr>
<tr>
<td>Powers, Melissa</td>
<td>02.03.11</td>
</tr>
<tr>
<td>Pradhan, Shela</td>
<td>05.16.01</td>
</tr>
<tr>
<td>Pratt, Trent</td>
<td>03.06.18</td>
</tr>
<tr>
<td>Price, Jessica</td>
<td>05.03.28</td>
</tr>
<tr>
<td>Price, Sofia</td>
<td>01.03.17</td>
</tr>
<tr>
<td>Prichard, Jacob</td>
<td>05.08.24</td>
</tr>
<tr>
<td>Puchala, Ryszard</td>
<td>05.02.02</td>
</tr>
<tr>
<td>Puchala, Ryszard</td>
<td>05.02.03</td>
</tr>
<tr>
<td>Puchala, Ryszard</td>
<td>05.02.04</td>
</tr>
<tr>
<td>Pugh, Denzel</td>
<td>05.05.41</td>
</tr>
<tr>
<td>Pursley, Robyn</td>
<td>03.06.01</td>
</tr>
</tbody>
</table>
Pursley, Scott.....................03.06.01

Q
Qian, Gang ..........................05.06.26
Qian, Gang ..........................05.06.28
Qian, Gang ..........................05.06.31
Quadri, Yetunde ......................02.01.18
Quesada, Amy .........................02.04.07
Quisenberry, Clinton .................05.08.14
Qureshi, Zoha .........................05.03.99

R
Rabe, Elizabeth ......................01.02.04
Rabe, Sheyla ..........................05.08.38
Rae, James ...........................04.01.41
Ramachandran, Vijay .................01.02.01
Ramsey, Shy ...........................04.05.01
Randell, J. Adam ......................05.17.06
Rao, Narasinga .........................01.03.01
Rassouli-Currier, Susanne ...........01.03.04
Rassouli-Currier, Susanne ...........01.03.09
Rassouli-Currier, Susanne ..........01.03.10
Razo, Nik ..............................05.16.03
Redd, J. R. ............................05.03.83
Redd, J. R. ............................05.03.94
Reed, Brian ...........................05.08.33
Reed, Tanjanique ......................05.03.100
Reeves, Melissa .......................05.03.30
Reeves, Miranda ......................03.01.05
Reich, Darcy ...........................05.17.06
Reynolds, Anthony ....................02.01.28
Ricketts, Mitch .......................01.02.04
Ricky, Fnu .............................01.01.05
Riddle, Kaitlyn .......................05.03.49
Riden, Chas ............................02.01.03
Riederer, Alanna ......................05.13.05
Riggs, Shaina ..........................05.03.45
Riley, Shanna .........................02.01.11
Ring, Brock ...........................05.08.30

Ring, Brock ...........................05.08.31
Ring, Brock ...........................05.08.39
Ring, Brock ...........................05.08.40
Risner, Tanner .........................03.06.22
Roach, DeeAnn .........................02.06.06
Roberts, Curtis ........................05.06.01
Roberts, Sarah ........................01.06.01
Rodriguez, Ashley .....................05.03.23
Rodriguez, Diego .......................01.03.16
Rodriguez, Jamie ......................05.14.05
Rojas, Raquel ..........................01.07.08
Roland, Matthew ......................01.07.15
Romano, Dominic .....................05.13.17
Romano, Tracey .......................02.01.36
Rosales, Kaci ..........................05.05.03
Rose, Danielle ........................05.10.07
Ross, Antonio ..........................02.03.18
Ross, Jodeci ............................05.06.35
Rouch, Alexander .....................05.03.39
Rouse, Jack ............................05.08.13
Rudebock, Diane .......................02.03.05
Rudebock, Diane .......................02.03.07
Rudebock, Diane .......................02.03.14
Rudick, Christopher ..................04.01.44
Rudraraju, Apoorva ...................02.03.08
Rudraraju, Apoorva ...................02.03.09
Rupp, Gabriel ..........................02.06.07
Ryan, Kristi ............................04.01.49
Ryan, Tanner ..........................05.03.54
Rymer, Amber ..........................05.03.36
Rymer, Nick ............................05.08.01

S
Sabeghi, Fatemeh .....................02.01.07
Safiejko-Mroczka, Barbara ....05.03.104
Sahlu, Tilahun .........................05.02.02
Sahlu, Tilahun .........................05.02.03
Sahlu, Tilahun .........................05.02.04
Sailor, Joanni .........................04.09.04
Salmon, Erika .........................02.05.10
Salmon, Thomas ......................02.05.10
Salmon, Thomas ......................05.14.04
Samaraweera, Manoshi ..............01.07.11
Sambol, Nicole .......................05.10.02
Sanders, Jessica ......................05.18.02
Sapper, Tookah .......................03.05.06
Sarani, Saeed .........................02.06.05
Satchell, Angeline ....................05.03.42
Satchell, Angeline ....................05.03.44
Saxena, Ashwini ......................05.03.24
Schafrastall, Heather ...............05.10.04
Schrantz, Kathryn ....................05.17.03
Schrantz, Kathryn ....................05.17.11
Schurter, Mary Grace ...............02.03.15
Schwebs, David .......................05.11.02
Scott, Rachael .........................05.03.42
Scott, Rachael .........................05.03.44
Sealey-Holtz, Linda .................02.06.02
Sears, Kaye ............................02.02.03
Seay, Lillian ..........................05.08.22
Seger, Jeff .............................05.17.05
Sewell, Guy ............................05.09.01
Shaban, Mohammed ..................05.03.87
Shafer, Nicolas .......................05.05.01
Sharp, Brett ...........................04.08.09
Sheets, Mary ..........................01.01.04
Sheets, Mary ..........................01.01.05
Sheets, Mary ..........................01.01.06
Sheets, Mary .........................01.01.07
Sheets, Mary .........................01.01.08
Sheets, Mary .........................01.01.09
Sheetz-Nguyen, Jessica .............04.07.01
Shin, Eun Kyung ......................05.03.76
Shin, Youngtae .......................04.08.08
Shiwakoti, Ashma ....................05.16.01
Shrestha, Anjil .........................05.19.02
Shrestha, Anjil .........................02.03.09
Shrestha, Sajana .......................01.05.02
Shrum, Alisha .........................02.04.02
Shuff, Jalea ............................01.07.01
Woodrum, Alicia ...............05.17.08
Woods, Cody ..................01.03.15
Woods, Cody ..................04.08.08
Woodyard, Brandon ..........05.08.13
Worthen, Kristen .............05.05.28
Worthen, Kristen .............05.05.32
Worthen, Philip ...............05.05.35
Worthen, Rodney .............05.08.31
Wright, Casey ................02.03.21
Wright, Danielle ..............05.05.37
Wright, Michael ..............01.03.02
Wright, Michael ..............01.03.03
Wright, Montell ..............05.08.13
Wu, Ning ......................05.03.29
Wu, Ning ......................05.11.01
Wynn, Brock ..................03.03.09

X
Xiong, Hue ....................05.06.09
Xu, Gang ......................05.03.73
Xu, Gang ......................05.08.19
Xu, Gang ......................05.08.23
Xu, Gang ......................05.08.33
Xu, Gang ......................05.08.36
Xu, Gang ......................05.08.37

Y
Yadav, Rohan .................05.08.07
Yang, Doreen .................05.03.56
Yang, Kevin ..................04.07.05
Yang, Ricky ..................05.03.68
Yap, Evon .....................05.03.25
Yarbrough, Jonathan .......05.13.14
Yerton, Jacob .................05.11.04
Yoon, Kanghyun .............01.07.06
Yoon, Kanghyun .............01.07.13
Yoon, Kanghyun .............01.07.14
York, Joshua .................05.03.70
Yost, Douglas .................01.01.04
Yost, Michael .................01.03.05
Yueh, Hsin-I Sydney ........04.01.16

Z
Zaaza, Zach ..................05.03.12
Zendah, Ahmed ...............05.03.59
Zeng, Wenxi .................05.06.17
Zeng, Wenxi .................05.06.19
Zhang, Rui ....................05.03.48
Zhang, Zhibin ...............05.06.11
Zhao, Yanjun .................04.01.52
Zhou, Donghua ...............05.03.48
Zhou, Feifan .................05.08.17
Zhou, Yuan ..................05.06.24
Zhu, Zhen ....................01.03.16
Zuh, Zhen ....................01.03.02
Zuh, Zhen ....................01.03.03
Zuh, Zhen ....................01.03.07
Zuh, Zhen ....................01.03.14
Zumalt, Toni .................05.15.01