



News Release

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SEVENTY-FIVE WESTERN STUDENTS PARTICIPATE IN MULTIDISCIPLINARY RESEARCH DAY

St. Joseph, Mo. —May 18, 2005—Seventy-five Missouri Western State College students recently participated in Western’s Multidisciplinary Research Day.

Students who have completed research projects, literature reviews or empirical studies during the past year participate in the day and share the results of their research with a varied audience. It also provides a chance for students, faculty and staff to explore research in a variety of disciplines.

Listed below are the students, their majors, and the titles of their projects:

Albany, Mo.

Waynette Rieks, psychology, “Collective Self Esteem Scores, Gender, and Religious Denominations.”

Agency, Mo.

Megan Wenzel, nursing, “Exposure of Lead Acetate to Zebrafish Embryos.”

Atchison, Kan.

Traci Contreras, social work, “Foster Care; Perceptions of Kinship & Nonkinship Care.”

Katie Kiehl, biology/conservation-wildlife, “Effects of Dehydroepiandrosterone on Danio rerio Embryos.”

Blue Springs, Mo.

Lisa Cross, speech communications/public relations, “The Difference Between Athletes and Non-Athletes.”

Earl Jack, biology/health sciences, “Developmental Biology Project.”

Aden Monheiser, biochemistry/molecular biology, “Developmental Biology Project.”

Boulder, Colo.

Therese Hand, computer science/mathematics, “How Close is Close Enough?”

Booneville, Mo.

Jessica White, speech communications/public relations, “When Others Just Don’t Understand.”

Brookfield, Mo.

Kelly Malloy, pre-pharmacy, “The Effects of Glyphosate on the Germination.”

Browning, Mo.

Heather Wood, social work, “Family Members/Friends/Legal Guardians Perceptions Regarding the Quality of Service in a Midwestern Nursing Home.”

Bucklin, Mo.

Adam Arnold, biology/conservation-wildlife, “The Antibiotic Effect of Bacitrim on Three Species of Bacteria,” and “The Biotic Diversity of Skaggs Cave.”

Cameron, Mo.

Dustin Miller, general studies, “The Determination of the LD50 Value for Potassium Cyanide on Danio rerio Populations.”

Deborah Wright, biology/health science, “Homologous Amino Acid Sequences and Allelic Variants of Sarcoidosis Candidate Genes.”

Chillicothe, Mo.

Emily Asher, social work, “Job Satisfaction of Generalist and Specialist Social Service Workers.”

Erin Spears, criminal justice, “Student.”

Chula, Mo.

Tina Shipp, criminal justice, “A Comparative Analysis of Elderly Abuse Between Different Demographical Areas of Missouri.”

Columbia, Mo.

Nathan Miller, biochemistry/molecular biology, “The Determination of the LD50 Value for Potassium Cyanide on Danio rerio Populations.”

Tanisha Washington, speech communications/public relations, “Does the Past Come Back to Haunt College Students?”

Cosby, Mo.

Tara Gnuschke, biology/health sciences, “Ibuprofen Toxicity on Zebrafish Embryonic Development.”

Easton, Mo.

Rebekah Fisher, biology/conservation-wildlife, “BIO355 MINIPROJECTS: Drift of Stream Biota from Tumbling Creek Cave.”

Judy Knadler, “Additional Studies on Microbes Identified from Missouri Cave Waters.”

Florissant, Mo.

Chon Walters, computer science, “What is the Relationship between Deindividuation and Conformity within Large and Small Groups?”

Green Ridge, Mo.

Melissa Lewis, biology/conservation-wildlife, “The Effects of Using Different Wavelengths of Electromagnetic Radiation on Seed Germination, Total Growth Rate and Pigment Biosynthesis.”

Helena, Mo.

Robin Lower, social work, “Formative Evaluation of an ‘Adjustment to Life’ Support Group.”

Jameson, Mo.

Jeremy Hunter, natural science, “The effects of L-Arginine on the Vascular System and Morphology of Developing Chick Embryos.”

Kansas City, Kan.

Schanavia Pettaway, biology, “Cytochrome C Oxidase Subunit IV,” and, “Exposure of Lead Acetate to Zebrafish Embryos.”

Kansas City, Mo.

Foster Craig, history, “Whole Grains in the Supermarket.”

Kearney, Mo.

Seth Brackman, criminal justice, “The PATRIOT ACT in Regards to Privacy as Seen by the Missouri Western State College Community.”

Laclede, Mo.

Kelly Files, biology/health sciences, “The Effects of Copper Sulfate on *Lactuca sativa* L. Germination.”

Lansing, Mo.

Amanda O’Dell, psychology, “The Effect of Surrounding People on Body-Esteem.”

Maryville, Mo.

Steven Hart, biology/health sciences, “Effect of Quaternary Ammonium Compounds on Microorganisms.”

Monroe City, Mo.

Pamela Kendrick, criminal justice, “Racial Profiling: Is There Really a Relationship Between Race and Crime?”

Orrick, Mo.

Rachel Lyday, psychology, “Tattletales: A Study on Conformity and Bystander Intervention in Cheating.”

Osborn, Mo.

Lisa Miller, biology/conservation-wildlife, “Effect of Boron on Radical Growth in Lettuce/Tomato Seeds,” and, “A Preliminary Study of Plants at the Lower Hamburg Bend Conservation Area Prior to Flooding with a Reopened Chute of the Missouri River.”

Parkville, Mo.

Jackson Sobbing, biology/health sciences, “Preliminary Study to Initiate Characteristics of Tick Proteins.”

Plattsmouth, Mo.

Sara Freel, biology/health sciences, “The Effects of UV-B Radiation on Newt Limb Regeneration.”

Pleasant Hope, Mo.

Noah Haahr, biology/health sciences, “Will My Friends and I Actually Stay in College?”

Raytown, Mo.

Darcy Collins, psychology, “Missouri Traffic Stops: Ticket or Warning.”

Shanan Finley, psychology, “Self-Esteem Among College Students With Respect to Gender.”

Ridgeway, Mo.

Bret Arney, biology, “The effects of L-Arginine on the Vascular System and Morphology of Developing Chick Embryos.”

Rockport, Mo.

Stefanie Dalrymple, psychology, “The Difference in Test Anxiety and Memory Between Men and Women.”

St. Joseph, Mo.

LeAnn Alvers, speech communications/public relations, “It’s Not Just in the Classroom Anymore.”

Roxanne Armstrong, social work, “The Consumer Behavior of College Students.”

Amanda Benefield, biology, “Antimicrobial Effectiveness of Laundry Detergents.”

Charles Brandon, criminal justice, “Why Do Individuals Join Gangs?”

Jennifer Bruce, social work, “Students Experiences: Mainstream vs. Alternative Schools.”

Aaron Bunker, biology/conservation-wildlife, “Characterization of Echinoderm-Like Microtubule-Associated Protein (EML) in Zebrafish.”

Sara Clark, psychology, “Graphology: Predicting Intelligence.”

Marjorie Conant, biology/health sciences, “Developmental Biology Project.”

Alexa Cook, biochemistry/molecular biology, “Estrogen-Laced Tap Water Promotes the Development of 7, 12 Dimethylbenz(a)anthracene-Induced Mammary Tumors in Mice.”

Lindy Crowe, natural science/biology, “Cyclopia Induction in Danio rerio Through an Ethanol Treatment; Procedure Verification.”

Rich Crowe, biology/conservation-wildlife, “Herbicide Metabolism by Bacteria in Deciduous Fores, Loess Hill Prairie, Streambed, and Cropland Soils.”

Windy Divelbiss, biology/health sciences, “Probable Horizontal Gene Transfer.”

Tari Elder, speech communications, “The Demoralization of America.”

William Gilbert, biology, “The Mushroom Cave Aquatic Zonation Study.”

John Massie, manufacturing engineering technology, “Computer Aided Manufacturing and Design of Wire Roller Support.”

Angela Mohamed, biology/health sciences, “Effects of Coumarin on Growth of Cucumber, Wheat, Rye Grass, and Sunflower Seeds.”

Jessica Ott, manufacturing engineering technology, “Design and Manufacture of a Model.”

Brian Prokop, biology/health science, “Exposure of Lead Acetate to Zebrafish Embryos.”

Richard Smith, psychology, “Effects of Combinatory Play on Problem Solving Ability.”

Brenda Warner, biology, “Effect of Acidification on Tomato Seed Germination.”

Savannah, Mo.

Lisa L. Christmas, social work, “Living in Transition: Experiences of High School Students in the St. Joseph School District.”

Janessa Hovey, chemistry, “The Effects of Road Salt on Seed Germination.”

Mike A. Nold, psychology, “Will Playing Music and Feeding Beer to Cows Cause them to Produce More Milk?”

Tabatha Proffit, biochemistry/molecular biology, “Estone-Laced Tap Water Promotes the Development of 7, 12 Dimethylbenz(a)anthrazine-Induced Mammary Tumors in Mice.”

Jennifer Toalson, nursing, “Effects of High Level Concentrations of Sodium Nitrate on the Growth of Lactuca Sativa Seeds.”

Sibley, Mo.

Jamie Schneidervin, biology, “Effects of Calcium Chloride on Lettuce Seed Germination.”

Shiloh, Ill.

Bart Phillips, biology/health services, “The Effects of UV-B Radiation on Newt Limb Regeneration,” and, “Analysis of Promoter Regions of Human DNA for Sequence Specific Drug Binding Sites.”

Stanberry, Mo.

Rachel Smith, psychology, “The Effect of Analogies on Problem Solving.”

Union Star, Mo.

Lisa Farmer, psychology, “Parenting Satisfaction: Single Income Families Vs. Dual Income Families.”

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Missouri Western State College is a four-year public institution providing a blend of traditional liberal arts and professional degree programs. The college offers student-centered, high quality instruction that focuses on experience-based learning, community service, and state-of-the-art technology. Western is located in St. Joseph, Mo. and is

committed to the educational, economic, cultural and social development of the region it serves.