

Student Scholarship 2010-2011

1. PRESENTATIONS

Society for Neuroscience

Webb, D., Hansen, R. & Schmolesky, M.T. (November, 2010). The effect of exercise duration and intensity on serum levels of brain derived neurotrophic factor in healthy adult males. Poster presented at the Faculty for Undergraduate Neuroscience session, *Society for Neuroscience Conference*, San Diego.

Utah Conference on Undergraduate Research

Ahmad, S., Hansen, R. & Schmolesky, M.T. (February, 2011). The effect of physical exercise on duration brain derived neurotrophic factor (BDNF) in healthy women. Paper presented at the *Utah Conference for Undergraduate Research*, Ogden, UT.

Baxter, K., & Knuth, S. (Feb, 2011). Student's perceptions of professor credibility and appropriateness in the classroom: The influence of professor self-disclosure and nonverbal immediacy. Poster presented at the *Utah Conference for Undergraduate Research*, Ogden, UT. (Todd Baird, Supervisor)

Cornelius, R., Meyer, M., Waldrop, E., & Bench, J. (February, 2011). *A suicide risk assessment for Weber State University*. Poster presented at the *Utah Conference for Undergraduate Research*, Ogden, UT. (Todd Baird, Supervisor)

Fochs, A. (February, 2011). The embodied representation of spatial language. Paper presented at the *Utah Conference on Undergraduate Research*, Ogden UT. (Aaron Ashley, Supervisor)

Garner, A. (February, 2011). An analysis of the effect of caffeine on state-dependent memory. Paper presented at the *Utah Conference on Undergraduate Research*, Ogden UT. (Aaron Ashley, Supervisor)

Guernsey, J. (Feb, 2011). The utility of the horney-coolidge tri-dimensional inventory in predicting career interest. Poster presented at the *Utah Conference for Undergraduate Research*, Ogden, UT. (Todd Baird, Supervisor)

Peterson, K., Alvarado, B., Baldwin, B., Cassidy, J., Hibdon, E., Shepard, J., & Amsel, E. (April, 2011). The effect of task-cueing on optimal decision making: A dual process account. Poster presented at the *Utah Conference for Undergraduate Research*, Ogden, UT.

Trevethan-Blunk, A., Amsel, E., & Shaw, L. (April 2011). Comorbidity of substance use and depressive symptomology: A retrospective analysis of their relation and trajectory across adolescence. Poster presented at the *Utah Conference for Undergraduate Research*, Ogden, UT.

Young, M., Trevethan-Blunk, A., & Amsel, E. (April, 2011). The effect of task-cueing on optimal decision making: A dual process account. Poster presented at the *Utah Conference for Undergraduate Research*, Ogden, UT.

Weber State University Undergraduate Research Conference

Cornelius, R., & Meyer, M. (March, 2011). Personal coping strategies and common barriers to seeking professional counseling. Paper presented at the *Weber State University Undergraduate Research Conference*, Ogden, UT. (Todd Baird, Supervisor)

Rocky Mountain Psychological Association

Ahmad, M., Garza, A. A., & Hitlan, R. (April, 2011). Examining the relationship between religious orientation and various prejudice targets and social/political issues. Poster presented at the *Annual Meeting of the Rocky Mountain Psychological Association*, Salt Lake City, UT.

Baxter, K., & Baird, T. (April, 2011). The influence of professor self-disclosure and nonverbal immediacy. Poster presented at the *Annual Meeting of the Rocky Mountain Psychological Association*, Salt Lake City, UT.

Cornelius, R., Baird, T., Meyer, M., Waldrop, E., & Bench, J. (April, 2011). Avoidance factors in helping-seeking and common coping strategies. Poster presented at the *Annual Meeting of the Rocky Mountain Psychological Association*, Salt Lake City, UT.

Fiet, P. & Fowler, L. A. (April, 2011). Short and long lasting effects of computerized n-back training on working memory in children. Poster presented at the *Annual Meeting of the Rocky Mountain Psychological Association*, Salt Lake City, UT.

Fochs, A. (April, 2011). The embodied representation of spatial language. Poster presented at the *Annual Meeting of the Rocky Mountain Psychological Association*, Salt Lake City, UT. (Aaron Ashley, Supervisor)

Johnson, H. E., & Garza, A. A. (April, 2011). Exploring the relationship between attitudes toward same-sex marriages and interracial marriages. Poster presented at the *Annual Meeting of the Rocky Mountain Psychological Association*, Salt Lake City, UT.

Knuth, S. (April, 2011). Student's perceptions of professor self disclosure. Poster presented at the *Annual Meeting of the Rocky Mountain Psychological Association*, Salt Lake City, UT. (Todd Baird, Supervisor)

Meyer, M., Cornelius, R., Waldrop, E., Bench, J., & Baird, T. (April, 2011). Suicide risk and the impact of suicide on university students. Poster presented at the *Annual Meeting of the Rocky Mountain Psychological Association*, Salt Lake City, UT.

Meacham, B. (April, 2011). *Factor analysis of the MMPI and the MMPI-2*. Poster presented at the *Annual Meeting of the Rocky Mountain Psychological Association*, Salt Lake City, UT. (Richard Grow, Supervisor)

Peterson, K., Alvarado, B., Baldwin, B., Cassidy, J., Hibdon, E., Shepard, J., & Amsel, E. (April, 2011). The effect of task-cueing on optimal decision making: A dual process account. Poster presented at the *Annual Meeting of the Rocky Mountain Psychological Association*, Salt Lake City, UT.

Trevethan-Blunk, A., Amsel, E. & Shaw, L. (April 2011). Comorbidity of substance use and depressive symptomology: A retrospective analysis of their relation and trajectory across adolescence. Poster presented at the *Annual Meeting of the Rocky Mountain Psychological Association*, Salt Lake City, UT.

Young, M., Trevethan-Blunk, A., & Amsel, E. (April, 2011). The effect of task-cueing on optimal decision making: A dual process account. Poster presented at the *Annual Meeting of the Rocky Mountain Psychological Association* Salt Lake City, UT.

Waldrop, E. (April, 2011). Relationship status and religiosity as a predictor of suicide. Poster presented at the *Annual Meeting of the Rocky Mountain Psychological Association*, Salt Lake City, UT. (Todd Baird, Supervisor)

National Conference on Undergraduate Research

Garner, A. (April, 2011). An analysis of the effect of caffeine on state-dependent memory. Paper presented at the *National Conference on Undergraduate Research*. Ithaca, NY. (Aaron Ashley, Supervisor)

Webb, D., Hansen, R. & Schmolesky, M.T. (April, 2011). The effect of exercise duration and intensity on serum levels of platelet derived growth factor in healthy adult males. Poster presented at the *National Conference for Undergraduate Research*, Ithaca, NY.

Frost, S. T., Gifford, C. D., & Fowler, L. A. (March, 2011). The effect of high and low color temperature environments on cognitive performance. Poster presented at the *National Conference for Undergraduate Research*, Ithaca, NY.

Gifford, C. D., Frost, S. T., & Fowler, L. A. (March, 2011). Higher color temperature may affect students' perceived and physiological alertness. Poster presented at the *National Conference for Undergraduate Research*, Ithaca, NY.

CUR Posters on the Hill

Friend, A. J., & Fowler, L. A. (April, 2011). The effects of twelve hour shifts on performance in pharmacy personnel. Poster Presentation to *United States Congress at the Council on Undergraduate Research Posters on the Hill*, Washington, D.C.

Digestive Disease Week, 2011

Mohn, W. C., Stevens, R. C., Okazaki, R. K., Ashley, A., & Chung, B. M. (May, 2011). *Caenorhabditis Elegans* as a developmental model of intestinal peptide and amino acid transport. Paper presented at *Digestive Disease Week, 2011*, Chicago, IL.

Western Psychological Association

Nordelo, N., & Garza, A. A. (April, 2011). Effects of framing: Cultural vs. moral diversity on intergroup bias. Poster presented at *Western Psychological Association*, Los Angeles, CA.

Jean Piaget Society

Amsel, E., & **Trevethan, A.** (June, 2011). Optimal reasoning about ratios: The development of dual process regulation. In Sarah Furlan (Organizer), *Biases and awareness in numerical judgments: Dual processes in development*. Symposium presented at the *Jean Piaget Society Conference*, Berkeley, CA.

2. ERGO (the WSU undergraduate research journal) publications

Brown, M., & Allen, A. (2011). Religiosity, personality, and religious denomination. *ERGO*, 5, 94. (Aaron Ashley and Todd Baird, Supervisors).

Malan, C., & Young, M. (2011). The role of mathematics and metacognition in optimal judgments: A Dual Process account. *ERGO*, 5, 96-97. (Eric Amsel, Supervisor).

Norseth, C., & Trevethan, A. (2011). Cognitive processes in gambling judgments: A test of Dual Process theory. *ERGO*, 5, 91-92. (Eric Amsel and Aaron Ashley, Supervisors).

Tortolano, S.E., & Kwok, A. (2011). Nutrition and mental health in the college age population. *ERGO*, 5, 93. (Theresa Kay and Dianna Abel, Supervisors).

Webb, D., Hansen, R. & Schmolesky, M.T. (2011). The effects of aerobic exercise intensity and duration on serum Brain-derived neurotrophic factor in healthy adult human males. *ERGO*, 5, 95.

3. Senior theses.

Sarah Ahmad: Effect of High-Intensity Physical Exercise on BDNF in Healthy Women (Supervisor, Matthew Schmolesky)

Meghan Arnold: The Effects of Diet and Exercise on Brain-Derived Neurotrophic Factor (BDNF) (Supervisor, Matthew Schmolesky)

Amanda-Jean V. Fochs: The Embodied Representation of Spatial Language (Supervisor, Aaron Ashley)

Alisa Garner: An Analysis of the Effect of Caffeine on State-dependent Memory (Supervisor, Aaron Ashley)

Kelley O'Keefe: The Impact of Acute Meditation on BDNF levels in Healthy Adult Male Athletes (Supervisor, Matthew Schmolesky)

Christopher P. Malan: The Effects of Docosahexaenoic Acid on Neurotrophins and Cognitive Functioning (Supervisor, Matthew Schmolesky)

Amy Trevethan: Comorbidity of Substance Use and Depressive Symptomology: A Retrospective Analysis of their Relation and Trajectory across Adolescence. (Supervisors, Eric Amsel and Leigh Shaw)