

Alan M. Daniel

Assistant Professor of Psychology
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Positions held

Assistant Professor of Psychology, Texas A&M University – San Antonio, 2017-Present

Associate Professor of Psychology, Glenville State College, 2015-2017

Assistant Professor of Psychology, Glenville State College, 2010-2015

Postdoctoral Associate, Rutgers, the State University of New Jersey, 2007-2010

Education

Ph.D. Texas Christian University, Fort Worth, TX December, 2007
Experimental Psychology: Learning Emphasis

M.S. Texas Christian University, Fort Worth, TX December, 2005
Experimental Psychology: Learning Emphasis

B.S. Texas Christian University, Fort Worth, TX December, 2002
Major: Psychology Minor: Biology

Publications

- Daniel, A. M., Rushing, B. G., & Tapia Menchaca, K. Y. (2020). Variation of the Human mu-Opioid Receptor (OPRM1) Gene Predicts Vulnerability to Frustration. *Scientific Reports*.
- Daniel, A. M. (2020). Pattern and Process in Evolution: Unfolding Nature's Origami. *International Journal of Comparative Psychology*.
- Thompson, J. B., Daniel, A. M., Rushing, B. G., & Papini, M. R. (2020). Recovery profiles from reward downshift are correlated with operant licking maintained by alcohol, but not with genetic variation in the mu opioid receptor. *Physiology & Behavior*, 228, 113192.
- Daniel, A. M. (2020). Scaling relative incentive value in honey bees, *Apis mellifera*. *Learning and Motivation*, 69, 101614.
- Daniel, A. M. (2020). Identification of Skill-Appropriate Courses to Improve Retention of At-Risk College Freshmen. *Journal of College Student Retention:*

- Ortega, L. A., Glueck, A.C., Daniel, A. M., Prado-Rivera, M. A., White, M. M., & Papini, M. R. (2014). Memory interfering effects of chlordiazepoxide on consummatory successive negative contrast. *Pharmacology, Biochemistry & Behavior*, **116**, 96-106.
- Ortega, L. A., Daniel, A. M., Davis, J. B., Fuchs, P. N, & Papini, M. R. (2011). Peripheral pain enhances the effects of incentive downshifts. *Learning and Motivation*, **42**, 203-209.
- Gallistel, C. R., King, A. P., Daniel, A. M., Papachristos, E. B., Balci, F., Kheifets, A., & Su, X. (2010). Screening for Learning and Memory Mutations: A New Approach. *Acta Psychologica Sinica*, **42**, 1-21.
- Daniel, A. M., Ortega, L. A., & Papini, M. R. (2009). Role of the opioid system in memory of incentive downshift situations. *Neurobiology of Learning and Memory*, **92**, 439-450.
- Norris, J. N., Daniel, A. M., & Papini, M. R. (2008). Spontaneous recovery of consummatory behavior, but not of consummatory successive negative contrast. *Learning and Motivation*, **39**, 296-312.
- Wood, M. D., Norris, J. N., Daniel, A. M., & Papini, M. R. (2008). Trial-selective effects of U50,488H, a k-opioid receptor agonist, on consummatory successive negative contrast. *Behavioural Brain Research*, **193**, 28–36.
- Daniel, A. M., Wood, M. D., Pellegrini, S. M., Norris, J. N., & Papini, M. R. (2008). Can contextual cues control consummatory successive negative contrast? *Learning and Motivation*, **39**, 146–162
- Daniel, A. M., & Papini, M. R. (2007). *Comparative Psychology*. In W. F. Buskist & S. F. Davis (Eds.), *The Handbook of Psychology in the 21st Century*. Thousand Oaks, CA. Sage Publications.
- Papini, M. R., Wood, M., Daniel, A. M., & Norris, J. N. (2006). Reward loss as psychological pain. *International Journal of Psychology and Psychological Therapy*, **6**, 189-213.
- Wood, M. D., Daniel, A. M., Daniels, E., & Papini, M. R. (2006). Effects of housing on consummatory successive negative contrast in rats: wire-bottom cages versus polycarbonate tubs. *Lab Animal*, **35**, 34-38.
- Pellegrini, S., Wood, M., Daniel, A. M., & Papini, M. R. (2005). Opioid receptors modulate recovery from consummatory successive negative contrast. *Behavioral Brain Research*, **164**, 239-249.
- Wood, M., Daniel, A. M., & Papini, M. R. (2005). Selective effects of the δ -opioid receptor agonist DPDPE on consummatory successive negative contrast.

Behavioral Neuroscience, **119**, 446-454.

- Burns-Cusato, M., Cusato, B. M., & Daniel, A. (2005). A new model for sexual conditioning: the ring dove (*Streptopelia risoria*). *Journal of Comparative Psychology*, **119**(1), 111-6.

Presentations

- Daniel, A. M., Rushing, B. G., & Tapia Menchaca, K. Y. (2020, September). The effect of the A118G human mu-opioid receptor mutation on pain and frustration. Presentation at the Annual ARMADILLO: The Southwest Cognition Conference
- Daniel, A. M. (2020, September). Sting Operation: What bees and other invertebrates tell us about comparative psychology. Invited talk, Texas Christian University Biopsychology Group, Fort Worth, TX.
- Daniel, A. M., Rushing, B.G., & Tapia, K. (2019, October). Does the Mu-Opioid Receptor Polymorphism A118G Predict Sensitivity to Reward Downshifts? Poster presented at the Society for Neuroscience meeting, Chicago, IL.
- Daniel, A. M. (2019, October). Emotion-like Learning in Honey Bees. Presentation at the Annual ARMADILLO: The Southwest Cognition Conference, San Antonio, TX.
- Daniel, A. M. (2018, August). Scaling Relative Incentive Value in Honey Bees. Presentation at the 2018 Annual American Psychological Association Convention, San Francisco, CA.
- Daniel, A. M. (2018, March). Psychological Pain in the Praying Mantis. Presentation at the Southwestern Psychological Association, Houston, TX.
- Daniel, A. M. (2018, March). Sign-tracking and Goal-tracking in Reward Downshifts: Measurement Matters. Presentation at the Southern Society for Philosophy and Psychology, San Antonio, TX.
- Caison, B. and Daniel, A. M. (2017, April). Psychological Pain in the Praying Mantis. Presentation at the Annual Meeting of the West Virginia Academy of Science. Elkins, WV.
- Daniel, A. M., Urbanic, J. J., Fuller, A. L., & Taylor, A. P. (2014, August). Got No Backbone: The search for invertebrate anxiety. Presentation at the 2014 Annual American Psychological Association Convention, Washington, DC.
- Brooker, S. A. & Daniel, A. M. (2014, April). Isopod Learning: You're going to need a smaller maze. Presentation at the 89th annual meeting of the West Virginia Academy of Science, Shepherdstown, WV.

- Fuller, A. L. & Daniel, A. M. (2014, April). Isopods and Invertebrate Anxiety. Poster presented at the 89th annual meeting of the West Virginia Academy of Science, Shepherdstown, WV.
- Urbanic, J. J. & Daniel, A. M. (2014, April). To Bee or Not to Bee? That is the Depression. Presentation at the 89th annual meeting of the West Virginia Academy of Science, Shepherdstown, WV.
- Urbanic, J. & Daniel, A. M. (2014, January). How to Tell if Your Honeybee is Depressed. Poster presented at the Undergraduate Research Day at the Capitol, Charleston, WV.
- Urbanic, J. & Daniel, A. M. (2013, October). Isopentyl Acetate Modulates Psychological Pain in Honeybees via an Opioid Mechanism. Presentation at the 66th Chi Beta Phi National Conference, Glenville, WV.
- Daniel, A. M., Urbanic, J., & Jacobs, M. (2013, August). Reward Specificity During Reward Downshifts: Sign- Versus Goal-Tracking in Honey Bees. Presentation at the 2013 Annual Conference of the American Psychological Association, Honolulu, HI.
- Urbanic, J., Jacobs, M., & Daniel, A. M. (2013, April). An Inexpensive, Automated Apparatus for Measuring Consummatory Behavior in Restrained Honey Bees. Presentation at the 88th Annual Meeting of the West Virginia Academy of Science, Davis, WV.
- Daniel, A. M. (2012, April). A Comparative Approach to Models of Depression. Presentation at the 87th Annual Meeting of the West Virginia Academy of Science, Institute, WV.
- Ortega, L. A., Glueck, A., Daniel, A. M., Prado, M. A., & Papini, M. R. (2011, August). Reinterpreting the Role of Chlordiazepoxide in Reward Downshift: Emotion, Memory, or Both? Presentation at the 119th Annual American Psychological Association convention, Washington, DC.
- Daniel, A. M. (2009, December). Role of Opioids in Incentive Loss. Invited presentation, Baylor University, Waco, TX.
- Gallistel, C. R., King, A. P., Daniel, A. M., Papachristos, E. B., & Balci, F. (2008, August). Fully automated 24/7 behavioral screening for mutations in targeted cognitive mechanisms in the mouse. Presentation at Measuring Behavior 2008: 6th international conference on methods and techniques in behavioral research, Maastricht, The Netherlands.
- Norris, J. N., Wood, M. D., Daniel, A.M., & Papini, M. R. (2007, November). Bidirectional effects of U50,488H, a k-opioid receptor agonist, on consummatory successive negative contrast. Poster presented at the 37th Annual Society For Neuroscience meeting, San Diego, CA.

- Daniel, A. M., Ortega, L., & Papini, M. R. (2007, November). Opioid modulation of the aversive memory of incentive downshift. Poster presented at the 37th Annual Society For Neuroscience meeting, San Diego, CA.
- Lopez Seal, F., Mustaca A. E., Daniel, A. M., Wood, M., Norris, J. N., Papini, M. R. and Pellegrini, S. (2007, November). Control contextual del contraste negativo sucesivo consumatorio en ratas. VI Jornadas Científicas, Instituto de Investigaciones Médicas Lanari, Argentina.
- Daniel, A. M., & Papini, M. R. (2007, April). Within-trial oscillations in consummatory behavior during incentive shifts. Paper presented at the 53rd annual meeting of the Southwestern Psychological Association, Fort Worth, TX.
- Daniel, A. M., Ortega, L. A., & Papini, M. R. (2007, April). Posttrial administration of naloxone enhances consummatory suppression after incentive downshifts. Paper presented at the 53rd annual meeting of the Southwestern Psychological Association, Fort Worth, TX.
- Papini, M. R., Daniel, A. M., Wood, M. D., Pellegrini, S., & Norris, J. N. (2007, March). Contextual Control of Consummatory Successive Negative Contrast. Paper presented at the 78th annual meeting of the Eastern Psychological Association, Philadelphia, PA.
- Daniel, A. M., & Papini, M. R. (2006, April). Within-trial oscillations in sipper contact: A measure of approach-avoidance conflict in consummatory successive negative contrast? Paper presented at the 52nd annual meeting of the Southwestern Psychological Association, Austin, TX.
- Daniel, A. M., Wood, M. D., Pellegrini, S. M., Norris, J. N., & Papini, M. R. (2005, November). Contextual control of consummatory successive negative contrast. Poster presented at the 46th Annual Meeting of the Psychonomic Society, Toronto, ON.
- Pellegrini, S., Wood, M., Daniel, A. M., & Papini, M. R. (2005, November). Opioid receptors and individual differences in consummatory successive negative contrast. Paper presented at the 46th Annual Meeting of the Psychonomic Society, Toronto, ON.
- Wood, M., Daniel, A. M., & Papini, M. R. (2004, November). Role of the opioid system in consummatory successive negative contrast. Paper presented at the 45th Annual Meeting of the Psychonomic Society, Minneapolis, MN.

Courses Taught

- Comparative Psychology
- Emotion Seminar
- Evolutionary Psychology
- General Psychology (traditional and web-based)
- Introduction to the Psychology Major

- Learning and Memory
- Lifespan Development (traditional and web-based)
- Perception and Cognition
- Physiological Psychology
- Psi Fi: Psychology through Science Fiction
- History of psychology
- Psychology Research Methods and Statistics
- Research Methods and Statistics II
- Senior Seminar
- Social Psychology

Awards

- TCU Research and Creative Activities Fund (2019)
- TAMU-SA Research Council Grant (2018)
- TAMU-SA Summer Fellowship (2018)
- NASA West Virginia Space Grant Consortium Student Research Grant (2016)
- NASA West Virginia Space Grant Consortium Student Research Grant (2014)
- NASA West Virginia Space Grant Consortium Student Research Grant (2013)
- NASA West Virginia Space Grant Consortium Grant (2012)
- Glenville State College Faculty Development Award (2011)
- First Place, Southwestern Comparative Psychological Association Research Competition (2006, 2007)
- TCU Graduate Student Senate Travel Award (Spring 2005)

Professional Services

- Newsletter Editor, APA Division 6 (2012-Present)
- Webmaster, APA Division 6 (2012-2014)
- Treasurer, International Society for Comparative Psychology (2012-2016)
- Editorial Assistant, International Journal of Comparative Psychology
2004-2006
- Ad Hoc Reviewer, Learning and Motivation
- Ad Hoc Reviewer, Pharmacology and Behavior