Erin B. Rasmussen
Curriculum Vitae

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PERSONAL INFORMATION

Business: Department of Psychology
Idaho State University
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Pocatello, ID 83209
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Birthplace: Ogden, Utah
Citizenship: United States of America

FACULTY POSITIONS

Idaho State University, Pocatello, ID.
Professor, 2013- present
Associate Professor, tenured, Aug 2007—2013.
Assistant Professor, August 2004--2007.

College of Charleston, Charleston, SC
Assistant Professor, August, 2001—2004.

EDUCATION

Doctorate of Philosophy, Experimental Psychology, Auburn University, Auburn, AL, December 15, 2001. Specialization: Behavioral Toxicology and Pharmacology

Master of Science, Experimental Psychology, Auburn University, Auburn, AL, March 1999. Specialization: Behavioral Pharmacology/Substance Abuse

Bachelor of Science, Psychology, Utah State University, Logan, UT, June, 1994.

PUBLICATIONS

(1Undergraduate co-author, 2Graduate co-author)

Rodriguez, L., **Rasmussen, E.B.,** Kyne-Rucker, D.,Wong, M., & Martin, K. (under review) Food security status predicts food and money discounting.

Příhodová, K., Příhodová, T.,Juríčková, V.,Preiss, M., Vevera, J., **Rasmussen, E.B.**, Lawyer, S.R. (under review). The assessment of impulsivity and overview of its measures – Current state of the art.

Rasmussen, E.B. (2018). Zombies, Invertebrates, and Plants, Oh My! Introduction to the special section on "Learning: No Brain Required". *Perspectives on Behavior Science*.

Rodriguez, L. [2], Hendrickson, K., & **Rasmussen, E**. (2018). Development and quantification of measures for risky and delayed food and monetary outcome choices. Behavioural Processes, *151, 16-26.*.

Robertson, S. [2], & **Rasmussen, E.B**. (2018). Comparison of potentially real vs. hypothetical food outcomes in delay and probability discounting tasks. *Behavioral Processes, 149*, 8-15

Robertson, S. [2], **& Rasmussen, E.B.** (2017). Effects of a cafeteria diet and age of onset on delay discounting and dopaminergic sensitivity. Special issue on obesity. *Journal of Psychopharmacology.*

Robertson, S. [2], Boomhower, S.R. [2], & **Rasmussen, E.B.** (2017). High-fat diet alters weight, caloric intake, and haloperidol sensitivity in the context of effort-based responding. *Behavioural Pharmacology*.

Hendrickson, K. [2] & **Rasmussen, E.** (2016) Effects of mindful eating on impulsive choice for food in adolescents. *Health Psychology, 36, 3, 226-235.* PMID: TBD.

Rasmussen, E.B., Robertson, S.[2], & Rodriguez, L. [2.] (2016). The utility of behavioral economics: Expanding the free-feed model of obesity. *Behavioural Processes*, 127, 25-34. PMID:

Lawyer, S.R., Boomhower, S.[2], **& Rasmussen. E.B**. (2015). Differential associations between obesity and behavioral measures of impulsivity. *Appetite.*

Hendrickson, K. [2], **Rasmussen, E.B**., & Lawyer, S.R. (2015). Measurement and validation of measures for impulsive food choice in obese and healthy weight humans. Appetite, 90, 254-263. PMID: 25796210.

Newland, M.C., Reed, M., & **Rasmussen, E.B.** (2015). A hypothesis about how early developmental methylmercury exposure disrupts behavior in adulthood. *Behavioural Processes*. PMID:

Boomhower, S.[1], & **Rasmussen, E.B**. (2014). Haloperidol and rimonabant enhance impulsive choice in rats exposed to high-fat diets, 25, 705-716. *Behavioural Pharmacology*. PMID: 25000488

Buckley, J[2]**, & Rasmussen, E.B.** (2014**).** Rimonabant reduces relative amount of food intake, not palatability, in a choice procedure with obese and lean Zucker rats. *Psychopharmacology,* PMID: 24398820

Hendrickson, K[2]. & **Rasmussen, E.B**. (2013). Mindful eating shifts impulsive choice patterns for food in humans. *Behaviour Research & Therapy,* 51, 399-409. PMID: 23685325.

Boomhower, S.[1], & **Rasmussen, E.B**., and Doherty, T. [1] (2013). Impulsive choice in the obese Zucker rat. *Behavioural Brain Research, 241,* 214-221. PMID: 23261877

Buckley, J[2].,& **Rasmussen, E.B**. (2012). Obese and lean Zucker rats demonstrate differential sensitivity to rates of reinforcement in a choice procedure. *Physiology and Behavior,* 108, 19-27. PMID: 23046726;

Rasmussen, E.B., Reilly, W. 1[1], Buckley, J. [2]., & Boomhower, S.[1] (2012). Rimonabant reduces the essential value of food in the genetically obese Zucker rat: An exponential demand analysis. *Physiology and Behavior, 105*, 734-741. PMID: 22019829

Rasmussen, E.B., & Hillman, C. (2011) Rimonabant and naloxone attenuate the reinforcing properties of exercise. *Experimental and Clinical Psychopharmacology*, *19,* 389-400. PMID: 21707193.

Rasmussen, E.B., Reilly, W[1]., & Hillman, C[1]. (2010). Demand for sucrose reinforcement in lean and obese Zucker rats. *Behavioural Processes, 85,* 191-7. PMID: 20674704.

Smith, S[2]., & **Rasmussen, E.B**. (2010). Effects of 2-AG on the reinforcing properties of exercise in lean and obese Zucker rats. *Behavioural Pharmacology,21,* 292-300. PMID: 20512031

Rasmussen, E.B., Lawyer, S.R., & Reilly, W.[1] (2010). Percent body fat is related to delay and probability discounting for food in humans. *Behavioural Processes, 83,* 23-30. PMID: 19744547.

Wakley, A.[2] & **Rasmussen, E.** (2009) Effects of cannabinoid drugs on sucrose reinforcement in gestationally undernourished rats. *Pharmacology, Biochemistry, and Behavior, 94,* 30-36. PMID: 19602424

Rasmussen, E.B., & Newland, M.C. (2009). Quantification of ethanol's anti-punishment effect in humans using the generalized matching relation. *Journal of the Experimental Analysis of Behavior,* 92, 161-180. PMCID: PMC2732325.

Rasmussen, EB, *&* Huskinson, S. [1] (2008*).* Effects of rimonabant on behavior maintained by progressive ratio schedules of sucrose reinforcement in obese Zucker (*fa/fa*) rats. *Behavioural Pharmacology, 19, 735-742*. PMID: 18797250.

Rasmussen, E.B, & Newland, MC. (2008). Asymmetry of reinforcement and punishment in human choice. *Journal of the Experimental Analysis of Behavior, 89, 157-168.* PMCID: PMC2251321.

Heath, N. [2], Lawyer, S.R., & **Rasmussen, E.B.** (2007). A comparison of web-based versus pencil-and-paper course evaluations. *Teaching of Psychology, 34,* 259-261.

Donlin, W., & **Rasmussen, E.B.** (2007). Behavioral pharmacology. In S. Davis & W. Buskist (Eds) *21st Century Psychology.* New York: Sage.

Critchfield, TS., & **Rasmussen, EB.** (2007) It's aversive to have an incomplete science of behavior. Introduction to the special issue on aversive control. *Mexican Journal of Behavior Analysis, 33,* 1-6.

Critchfield, TS, & **Rasmussen, EB** (2007). Symposium: The future of aversive control research. *Mexican Journal of Behavior Analysis, 33*, 35-36.

Rasmussen, E.B. (2006). Behavior-releasing effects of drugs: Anti-punishment and anti-conflict procedures. *Mexican Journal of Behavior Analysis, 32,* 73-91.

Rasmussen, E.B. (2006). Expanding your coverage of neuroscience: An interview with Michael Gazzaniga. *Teaching of Psychology, 33,* 212-215.

Rasmussen, E.B. (2005). Creating teaching portfolios. In W. Buskist & S. Davis (Eds). *The handbook for graduate teaching*. Malden, MA: Blackwell.

Newland, M.C., & **Rasmussen, E.B**. (2003) Behavior in adulthood and during aging is affected by contaminant exposure. *Current Directions in Psychological Science, 12*, 212-217.
Reprinted in Liben, L.S (ed.) (2009) *Current Directions in Developmental Psychology*, 3rd ed. Association for Psychological Science.

Rasmussen, E.B., Lawyer, S.R., & Buskist, W. (2002). Examining the "teacher-researcher" distinction is psychology: Do successful researchers teach? *Teaching of Psychology,* 30, 72-75.

Rasmussen, E.B., & Newland, M.C. (2001). Developmental exposure to methylmercury alters behavioral sensitivity to *d* amphetamine and pentobarbital in adult rats. *Neurotoxicology and Teratology, 23,* 45-55. PMID: 11274875

Newland, M.C., & **Rasmussen, E.B.** (2000). Aging unmasks adverse effects of gestational exposure to methylmercury in rats. *Neurotoxicology & Teratology, 22,* 819-828. PMID: 11120387.

Buskist, W, **Rasmussen (Miller), E.**., & Ecott, C. (1999). Updating the coverage of operant conditioning in introductory texts. *Teaching of Psychology 26,* 280-283.

Innis, A., Lane, S.D., **Rasmussen (Miller), E.**, & Critchfield, T.C. (1998). Stimulus equivalence: Effects on emergent relations performance of a "none of the above" response option. *Journal of the Experimental Analysis of Behavior, 70*, 87-102.

Cheney, C.D. & **Rasmussen (Miller), E.** (1997) Effects of forced flavor exposure on food neophobia. *Applied Animal Behaviour Science, 53*, 213-217.

Rasmussen (Miller), E. & Cheney, C.D. (1997). Teaching behavior science to children for problem prevention purposes. *Education, 117*, 23-27.

MANUSCRIPTS IN PREPARATION

Rasmussen, E.B., & Lawyer, S.R. Domain effects in delay discounting. Outcome type matters.

Lee, Y., Rodriguez, L., Kyne-Rucker, D**., Rasmussen, E**. Test-retest reliability within session of food and money discounting.

Rasmussen, E.B., Hemmelman, E., Newland, M.C. A behavioral conceptualization of psychological well being in captive animals.

Rodriguez, L., Lee. Y., & **Rasmussen, E.B**. Delay discounting in students across the semester.

PROFESSIONAL MEETING PRESENTATIONS

([1]Undergraduate student under my advisement, [2]Graduate student under my advisement)

Invited papers

Rasmussen, E.B. (Oct 2019), Food insecurity, impulsivity, and mindful eating. Invited talk to be presented at Mid-American Association for Behavior Analysis. Invited talk to be presented in Omaha, NE.

Rasmussen, E.B. (May 2017). Domain effects, obesity, and delay discounting. SQAB Pre-Eminent Tutorial presented at the annual meeting for the Association for Behavior Analysis International. Denver, CO.

Lawyer, S., & **Rasmussen, E.B**. (Mar 2017). Domain effects in discounting: Why the outcome matters. National Institute of Mental Health and New York University in Prague, Czech Republic; Medical University of Pilsen, Czech Republic.

Rasmussen, E.B. (Oct 2016). The domain effect of discounting in obese humans. Berkshire Association for Behavior Analysis and Therapy, Amherst, MA.

Rasmussen, E.B. (Oct 2015). A validation crisis? Limitations of the free-feed model in examining behaviors related to obesity. Invited talk to be presented at the Southeastern Association for Behavior Analysis. Roanoke, VA.

Rasmussen, E. (May 2015). The Utility of Behavioral Economics in Understanding Obesity: Expanding the Animal Model. Invited talk presented at the annual meeting of the Society for the Quantitative Analysis of Behavior, San Antonio, TX.

Rasmussen, E. (May 2014). The role of dopamine D2 in impulsive choice for food in obesity. Invited B.F. Skinner symposium on obesity with Drs. Rick Fleming, Fergus Lowe, and Matthew Normand. Presented at the annual meeting of the Association for Behavior Analysis International, Chicago, IL.

Rasmussen, E. (Mar 2013). Impulsive choice for food as a mechanism of obesity: From rats to humans. Invited talk presented at the annual meeting of the Texas Association for Behavior Analysis, Denton, TX.

Rasmussen, E. (Aug 2012). The place of behavior in understanding the science of obesity. Invited talk presented at the annual Idaho Idea Network for Biomedical Research Excellence meeting, Moscow, ID.

Rasmussen, E. (May, 2011). Behavior economics, cannabinoids, and genes: Environmental and biochemical contributors to food reward in the context of obesity Invited tutorial presented at the Association for Behavior Analysis International, Denver, CO.

Rasmussen, E. (April, 2011). Behavior economics and cannabinoids a characterization of food and exercise reward in the context of obesity. Invited address presented at the Four Corners Association for Behavior Analysis, Santa Fe, New Mexico.

Rasmussen, E. (May., 2011). Cannabinoids, obesity, and the reinforcing properties of food and exercise. Invited colloquium for University of North Texas, Department of Behavior Analysis.

Wilson, C. & **Rasmussen, E.B.** (April, 2009). Update on Diabetes Medications & Potential Future Therapies. Invited paper given at the Idaho Diatetics Association annual conference, Idaho Falls, ID.

Rasmussen, E.B. (Oct, 2005). Prenatal food restriction's effects on reinforcer efficacy. Invited paper given at the annual meeting of the Southeastern Association for Behavior Analysis conference, Wilmington, NC.

Rasmussen, E.B. (April, 2004). Teaching undergraduates: *The Water is Wide*. Keynote address at the Auburn University Psychology Department's Annual Teaching Festival, Auburn, AL.

Rasmussen, E.B. (March, 2004). *Aging, environmental enrichment, and drugs affect mercury-induced behavioral changes.* Invited paper given at the annual meeting of the Texas Association for Behavior Analysis, Dallas, TX.

Rasmussen, E.B. (Aug, 2003). APA Div 25 Dissertation Award: *Assessing anti-punishment effects of ethanol using the generalized matching relation.* American Psychological Association.

Rasmussen, E.B. (October, 2002.) *Drugs, aging, and environmental enrichment: Modulators in methylmercury toxicity.* Invited paper given at the annual meeting of the Mid-American Association for Behavior Analysis, Kalamazoo, MI.

Selected posters, papers, and symposia

Rasmussen, E.B., Prehedova, T., & Prehedova., K. (Sept. 2019). A comparison of real and hypothetical food outcomes in delay discounting in a Czech sample. Paper to be presented at the biennial international meeting of the Association for Behavior Analysis International, Stockholm, Sweden.

Rodriguez, L., **Rasmussen, E.B.,** Kyne-Rucker, D.,Wong, M., & Martin, K. (May, 2019. Delay and probability discounting for food and money differs in women with food insecurity. Symposium to be presented at the annual meeting of the Association for Behavior Analysis International Chicago, IL.

Drossel, C., Lattal, K.A., **Rasmussen, E.B.**, & Slocum, T. (May 2019). Teaching students to think like behavior analysts: A discussion on teaching philosophy, theory, and conceptual issues to students of behavior analysis. Symposium to be presented at the annual meeting of the Association for Behavior Analysis International Chicago, IL.

Odum, A., **Rasmussen, E.B**, Ward, T.A, (May 2019). The future of choice in behavior analysis. Panel to be presented at the annual meeting of the Association for Behavior

Analysis International, Chicago, IL.

Lee., Y[2], Rodriguez, L. [2], **Rasmussen, E.B**. (April 2019). Monetary and food discounting in college students across the semester. Poster presented at the annual meeting of the Four Corners Assocation for Behavior Analysis, Santa Fe, NM. **Also won poster competition..

Lee., Y.[2], Rodriguez, L. [2], Steen, P. [1], **Rasmussen, E.B.**, Hendrickson, K., (May 2019). Effects of Opportunity Costs on Delay Discounting for Hypothetical Money and Food. Poster to be presented at the annual meeting for the Society for the Quanititative Analysis of Behavior, Chicago, IL.

Mitchell, S., Odum, E.B., **Rasmussen, E.B**., & Callan, G. (Feb 2019). Panel discussion on delay discounting. Panel presented at the Winter Conference on Animal Learning and Behavior, Logan, UT.

Rasmussen, E.B., Rodriguez, L.R. [2], Kyne-Rucker, D. [1], & Perschon, B. [2] (July, 2018). Food Insecurity and Obesity: Is delay discounting a potential mechanism?. Talk presented at the annual meeting of the Society for the Study of Ingestive Behavior, Bonita Springs FL. Aspects also presented at Winter Conference on Learning & Behavior, Feb 2019, Logan, UT.

Kyne-Rucker, D. [1], Rodriguez, L.R., [2] , Perschon, B. [2], & **Rasmussen, E.B**. (May 2018). Food-Secure and Food-Insecure Women Differ Across Magnitudes of Delay Discounting for Food and Money. Poster presented at annual meeting of the Society for the Quantitative Analysis of Behavior, San Diego, CA.

Rodriguez, L. [2], Lee, Y. [2], **Rasmussen, E.B**.&, Robertson, S.H.. (May, 2018) Effects of time and discounting task type on retest reliability of delay discounting for food. Poster presented at annual meeting of the Society for the Quantitative Analysis of Behavior, San Diego, CA.

Lee, Y. [2], & **Rasmussen, E.B. (**May, 2018). Time of day effects on food and money discounting. Symposium presented at the annual meeting of the Association for Behavior Analysis International, San Diego, CA.

Robertson, S.H. [2], Cates, A. [1], Kyne-Rucker, D. [1], Perschon, B.[2] & **Rasmussen, E.B.** (May 2017). Effects of exposure to a cafeteria diet in adolescent and adult rats on delay discounting. Poster presented at the annual meeting for Society for the Quantitative Analysis of Behavior, Denver, CO.

Perschon, B.[2] Kyne-Rucker, D. [1], Robertson, S.H. [2], & **Rasmussen, E.B. .** (May 2017). Developmental effects of diet-induced obesity on delay discounting, stable

performance, and lever pressing, Poster presented at the annual meeting for Society for the Quantitative Analysis of Behavior, Denver, CO.

Cates, A. [1], Hendrickson, K., & **Rasmussen, E.B. .** (May 2017). Latency to Respond is Related to k values in Delay Discounting for Money. Poster presented at the annual meeting for Society for the Quantitative Analysis of Behavior, Denver, CO.

Lee, Y., Rodriguez, L., & **Rasmussen, E.B.** (May 2017). Sensitivity to Treatment Predicts Delay Discounting Rates in Obese Individuals**.** Poster presented at the annual meeting for Society for the Quantitative Analysis of Behavior, Denver, CO.

Robertson, S.H. [2], Simonson, S.[1], Cates, A. [1], Perschon, B.[2] & **Rasmussen, E.B.** (May 2017) Comparison of Potentially Real Versus Hypothetical Outcomes on Delay Discounting for Food. Symposium presented at the annual meeting for the Association for Behavior Analysis International. Denver, CO.

Robertson, S. H. [2], Kyne-Rucker, D. J. [1], Perschon, B. [2], Cates, A.[1], Wright, A.V[1], & **Rasmussen, E. B**. (2017, February). Effects of exposure to a cafeteria diet in adolescent and adult rats on delay discounting: Alterations on dopaminergic sensitivity. Oral presentation given at the Winter Conference for Animal Learning and Behavior, Park City, UT.

Rodriguez, L.R. [2], Robertson, S.[2] **& Rasmussen, E.B**. Effects of Potentially Real and Hypothetical Outcomes on Delay Discounting for Food . Poster presented at the annual meeting for Society for the Quantitative Analysis of Behavior, Chicago, IL.

Perschon, B. [2], Robertson, S. [2], & **Rasmussen, E.** (2016). Effects of food-related cue exposure on delay discounting for hypothetical food and money. Poster presented at the annual meeting for Society for the Quantitative Analysis of Behavior, Chicago, IL.

Rodriguez, L. [2], Hendrickson, K., & **Rasmussen, E**. (2016). Validation of a brief measure of probability discounting for food. Poster presented at the annual meeting of Four Corners Association for Behavior Analysis, Loveland, CO. Also presented at the annual meeting of the Society for the Quantitative Analysis of Behavior, Chicago, IL.

Hendrickson, K.[2], & **Rasmussen, E.B.** (May 2015). Effects of mindful eating on delay discounting of adolescents and adults. Symposium presented at the annual meeting of the Association for Behavior Analysis International, San Antonio, TX.

Robertson, S.H. [2], Cates, A.R. [1], Rodriguez, L. [1], & **Rasmussen, E.B.** (April 2015). Effects of magnitude of outcome on delay discounting in healthy-weight, overweight, and obese individuals. Poster presented at the annual meeting of the Four Corners Association for Behavior Analysis, Santa Fe, NM and at the Society for the Quantitative Analysis of Behavior, San Antonio, TX.

Rodriguez, L[1]., & **Rasmussen, E.B.** (April 2015). Effects of digitally altered photographs on food and money discounting. Poster presented at the annual meeting of the Four Corners Association for Behavior Analysis, Santa Fe, NM.

Hendrickson, K.[2], & **Rasmussen, E.B.** (2015) Adolescent percent body fat and body mass predict delay discounting for food. Poster presented at the annual meeting of the Society for Pediatric Psychology, San Diego, CA.

Robertson, S. [2], Boomhower, S.[2,] **Rasmussen, E.B.** (May 2014). Effects of high-fat diet on demand for food. Poster presented at the annual meeting of the Four Corners Association for Behavior Analysis, Park City, UT and Society for the Quantitative Analysis of Behavior.

Hendrickson, K. L[2]., & **Rasmussen E.B.** (2014). Effects of mindful eating training on food and money discounting in obese and healthy-weight adults. Symposium presented at the annual world conference of the Association for Contextual Behavioral Science, Minneapolis, MN.

Belnap, S. [2], Vineyard, J. [2], Rodriquez, L. [1], **& Rasmussen, E.B**. (April 2014) Delay discounting and demand for food in healthy-weight and lean and obese humans. Poster presented at the annual meeting of the Four Corners Association for Behavior Analysis, Park City, UT.

Hendrickson, K. [2], Bushnell, S.[1], Doty, K. [1], **Rasmussen, E.B.,** & Lawyer, S.R. (April 2014). Delay discounting for food using the Food Kirby. Poster presented at the annual meeting of the Four Corners Association for Behavior Analysis, Park City, UT.

Gossett, B.[2], Boomhower, S.[1], & **Rasmussen, E.B**. (April 2013). Effects of rimonabant and haloperidol on impulsive choice in rats exposed to high-fat diets. Poster presented at the annual meeting of Four Corners Association for Behavior Analysis, Flagstaff, AZ.

Hendrickson, K. [2], & **Rasmussen, E.B**. (May 2013). Effects of mindful eating on impulsive choice for food. Symposium presented at the annual meeting of the Association for Behavior Analysis International, Minneapolis, MN.

Boomhower, S.R. [1], & **Rasmussen, E.B**. (May 2013). Effects of high-fat diet on impulsive food choice patterns. Paper presented at the annual meeting of the Association for Behavior Analysis International, Minneapolis, MN. Poster also presented at the annual meeting of the Idaho Idea Network for Biomedical Research Excellence, Moscow, ID.

Boomhower, S.R. [1], & **Rasmussen, E.B**. (May 2012). Differences in delay discounting for food in obese and lean Zucker rats. Poster presented at the annual meeting of Society for the Quantitative Analysis of Behavior, Seattle, WA.

Buckley, J.[2], & **Rasmussen, E**. (May 2012). Rimonabant increases sensitivity to reinforcement rates in lean and obese Zucker rats. Paper presented at the annual meeting of the Association for Behavior Analysis International, Seattle, WA.

Hendrickson,K[2],. Burke, A[1],., Stoll, J. [2], Gossett, B.[2], **Rasmussen, E. B**. (2012). Percent body fat predicts sensitivity to hypothetical outcomes for food: A replication of

Rasmussen et al (2010). Poster presented at the annual meeting of the Association for Behavior Analysis International, Seattle, WA.

Boomhower, S.R. [1], & **Rasmussen, E.B**. (May 2012). Effects of rimonabant on delay discounting for sucrose in the lean and obese Zucker rat. Poster submitted for presentation at the annual meeting of Association for Behavior Analysis International, Seattle, WA. Aspects also presented at the Four Corners Association for Behavior Analysis, Winter, Park, CO, April, 2012.

Doherty, T.[1], Boomhower, S.[1], & Rasmussen, E.B. (April 2012). Impulsive choice in lean and obese Zucker rats. Poster presented at the annual meeting of the Four Corners Association for Behavior Analysis, Winter Park, CO.

Boomhower, S.R. [1], & **Rasmussen, E.B**. (Aug 2011). Delay discounting for sucrose in the lean and obese Zucker rat. Poster presented at the annual meeting of the Idaho Network for Biomedical Research, Moscow, ID.

Buckley, J.L. [2], Boomhower, S.R. [1], & **Rasmussen, E.B**. (May. 2011). Differences between obese and lean Zucker rats in sensitivity to relative reinforcement rates. Poster presented at the Society for Quantitative Analyses of Behavior, Denver, CO.

Brower-Breitwieser, C. [2], **Rasmussen, E.B.**, Peterson, S.M., Hilman, C. [1], & Nadler, C[2]. (May, 2011). Use of concurrent chains preference assessment procedure to evaluate preference for behavioral interventions with children diagnosed with developmental disabilities. Symposium presented at annual meeting of the Association for Behavior Analysis International, Denver, CO.

Buckley, J.L**.** [2]**,** Farley, K.[1], & **Rasmussen, E. B**. (2011) Differences between obese and lean Zucker rats in sensitivity to reinforcement rates. Poster presented at the Four Corners Association for Behavior Analysis conference, Santa Fe, New Mexico.

Boomhower, S[1]., Buckley, J.L**.** [2]**,** Farley, K[1]., **& Rasmussen, E. B**. (2011) Rimonabant changes sensitivity to reinforcement in Zucker rats. Poster presented at the annual Four Corners Association for Behavior Analysis conference, Santa Fe, New Mexico.

Buckley, J. [2] , & **Rasmussen, E.** (May 2010). Effects of rimonabant on bias for palatable food: A generalized matching analysis. Symposium presented at the annual meeting of the Association for Behavior Analysis International, San Antonio. TX.

Hillman, C. [1], Luras, M. [1], & **Rasmussen, E**. (April 2010) Effects of rimonabant on the reinforcing properties of wheel running. Poster presented at the annual meeting of the Four Corners Association for Behavior Analysis, Park City. UT

Buckley, J. [2] ,White, J. [1], & **Rasmussen, E.** (April 2010). Rimonabant's effects on bias for palatable food: A generalized matching analysis. Poster presented at the annual meeting of the Four Corners Association for Behavior Analysis, Park City. UT

White, J. [1], Buckley, J. [2], & **Rasmussen, E**. (April 2010). Hedonic scaling with food: A systematic replication of Miller (1976). Poster presented at the annual meeting of the Four Corners Association for Behavior Analysis, Park City. UT

Reilly, W., [1] **Rasmussen, E.B.**, & Lawyer, S.L. (May, 2009) Delay and probability discounting for healthy versus palatable food types. Poster accepted for presentation at the annual meeting for the Association for Behavior Analysis International, Phoenix, AZ. Also presented at Four Corners Association for Behavior Analysis, Sedona, AZ, April 2009.

Hillman, C. [1], Reilly, W.[1], Skillman, J.[1], & **Rasmussen, E**. (April, 2009). Differences in demand for sucrose in lean and obese Zucker rats? A behavioral economic analysis. Poster accepted for presentation at Four Corners Association for Behavior Analysis, Sedona, AZ.

Hanson, V.[1], Reilly, W.[1], Hansen, J.[2], & **Rasmussen, E.** (April, 2009) Effects of rimonabant on altering demand for food in genetically obese and lean Zucker rats. Poster accepted for presentation at Four Corners Association for Behavior Analysis, Sedona, AZ.

Rasmussen, E.B., & Hansen, J. [2] (Oct, 2009). Behavioral pharmacology of food-motivated behavior. Oral presentation given at the annual meeting of the Snake River Association for Neuroscience, Pocatello, ID.

Huskinson, S.[1] & **Rasmussen, E.B**. (May, 2008). Effects of cannabinoids on the reinforcing efficacy of sucrose pellets in obese and lean Zucker rats. Poster presented at the annual meeting of the Association for Behavior Analysis International, Chicago, IL.

Hansis-O'Neill, B. [1], & **Rasmussen, E.B**. (May, 2008) Effects of scopolamine on the completion of an "insight" task in rats. Poster presented at the annual meeting of the Association for Behavior Analysis International, Chicago, IL.

Krebs, C., [1] **Rasmussen, E.B**. (May, 2008) Effects of gestational undernutrition on progressive ratio schedules of sucrose reinforcement: A replication. Poster presented at the annual meeting of the Association for Behavior Analysis International, Chicago, IL. Poster also presented at Four Corners Association for Behavior Analysis, Boulder, CO.

Smith, S.L. [2], & **Rasmussen, E.B**., Roberto, M. [1], & Hansis-O'Neill, B.L[1]. (May, 2008) Wheel running as a reinforcer in obese (fa/fa) and lean Zucker rats. Poster presented at the annual meeting of the Association for Behavior Analysis International, Chicago, IL.

Reilly, W. [1], **Rasmussen, E.B.,** & Lawyer, S.R (May, 2008). Delay and probability discounting for hypothetical food and money. Paper presented at the annual meeting of the Association for Behavior Analysis International, Chicago, IL.

Wakley, A.[2],& **Rasmussen, E.B.** (May 2008) Behavioral effects of cannabinoid drugs on the reinforcing properties of food in rats. Paper presented at the annual meeting of the Association for Behavior Analysis International, Chicago, IL.

Rasmussen, E.B., & Huskinson, S. [1] (April 2008) Effects of SR141716 (Rimonabant) on food reinforcer efficacy in obese and lean Zucker rats. Poster presented at Four Corners Association for Behavior Analysis, Boulder, CO.

Smith, S., **Rasmussen, E.B**., Hansis-O'Neill, B,[1] & Roberto, M.[1] (April 2008). Effects of 2-AG on wheel reinforcement in the cbese Zucker rat. Poster presented at Four Corners Association for Behavior Analysis, Boulder, CO.

Nielson, T.[1], & **Rasmussen, E.B**. (Aug, 2007). Effects of 2-AG on food reinforcer sensitivity on obese Zucker rats. Poster presented at the annual Idaho INBRE Science conference, Moscow, ID.

Huskinson, S.[1], Aduke, R. .[1], & **Rasmussen, E.B**. (May 2007). Effects of gestational food restriction on opioid sensitivity when food is a reinforcer. Poster presented at the annual meeting for the Association for Behavior Analysis, San Diego, CA.

Baergen, E. [1], Reilly, W. [1], & **Rasmussen, E.B.** (2006). Effects of gestational food restriction on food-related impulsive behavior. Poster presented at the annual meeting of the Snake River Association for Neuroscience.

Rasmussen, E.B., Wakley, A., & Smith, S. (May, 2006). Effects of prenatal food restriction on reinforcer efficacy and the cannabinoid system. Paper presented at the annual meeting of the Association for Behavior Analysis, Atlanta, GA.

Krebs, C.[1], & **Rasmussen, E.B.** (May 2006). Effects of ephedrine on behavior maintained by differential reinforcement of high rate schedules of sucrose or standard food reinforcement. Poster presented at the annual meeting of the Association for Behavior Analysis, Atlanta, GA.

Wakley, A.[2] , Smith, S.L.[2] , & **Rasmussen, E.B.** (May, 2006) A behavioral economic approach: Demand for food with prenatally food restricted rats. Paper presented at the annual meeting of the Association for Behavior Analysis, Atlanta, GA.

Smith, S.[2], Wakley, A.[2] , & **Rasmussen, E.B**. (May, 2006). Sucrose vs. standard pellets: An analysis of elasticity under a single alternative condition. Poster presented at the annual meeting of the Association for Behavior Analysis, Atlanta, GA.

Wakley, A. [2], Smith, S[2]., & **Rasmussen, E.B**. (Oct, 2005). Effects of prenatal food restriction on elasticity of demand for food. Poster presented at the annual meeting of the Southeastern Association for Behavior Analysis conference, Wilmington, NC.

Phelps, J. [1], Krebs, C. [1], & **Rasmussen, E.B**. (Oct 2005). Effects of ephedrine on behavior maintained by a differential reinforcement of high rate schedule. Poster presented at the annual meeting of the Southeastern Association for Behavior Analysis conference, Wilmington, NC.

Smith, S[2]., Wakley, A[2]., **& Rasmussen, E.B.** (Oct, 2005). Comparison of reinforcer palatability with sucrose and standard food pellets. Poster presented at the annual meeting of the Southeastern Association for Behavior Analysis conference, Wilmington, NC.

Baergen, E [1]., & **Rasmussen, E.B**. (Oct, 2005). Effects of prenatal food restriction on growth, maternal success, and behavior under progressive fixed ratio schedules of reinforcement. Poster presented at the annual meeting of the Southeastern Association for Behavior Analysis conference, Wilmington, NC.

Baergen, E[1]., & **Rasmussen, E.B.** (Aug, 2005). Effects of prenatal food restriction on growth and food value. Poster presented at the annual Idaho INBRE Science conference, Nampa, ID.

Furr, A. [1], Millard, A. [1], Sturtevant, L. [1], & **Rasmussen, E**. (May, 2004) *Modulating effects of environmental enrichment and fatty acids on mercury-induced behavioral alterations*. Poster presented at the annual meeting of the Association for Behavior Analysis, Boston, MA.

Millard, A. [1], Furr, A. [1], Sturtevant, L. [1], & **Rasmussen, E**. (May, 2004). *Effects of pentobarbital and environmental enrichment on the behavior of rats exposed prenatally to methylmercury.* Poster presented at the annual meeting of the Association for Behavior Analysis, Boston, MA

Rasmussen, E.B., Berry E. [1], Branham, K. [1], Senter, J. [1] (May, 2003). *Environmental enrichment does not affect methylmercury-induced behavioral alterations early in life.* Poster presented at the annual meeting of the Association for Behavior Analysis, San Francisco, CA.

Allen, R., Palmer, D.C., **Rasmussen, E.B**., & Ruiz, M.R. (May, 2003). *Teaching behavior analysis in a liberal arts setting: Experiences, challenges, and successes.* Panel conducted at the annual meeting of the Association for Behavior Analysis, San Francisco, CA.

Buskist, W., & **Rasmussen, E**. (Jan, 2003). *STP/CTUP workshop on developing your teaching philosophy and style.* Workshop presented at the 25th annual meeting of the National Institute on the Teaching of Psychology, St. Petersburg Beach, Florida.

Goldfarb , L.[2], Gentry, D., **Rasmussen, E.B**., McFee, W, Schwacke, L., & Metz, R. (Nov 2002. *Effects of environmental enrichment on "maladaptive" behavior of North*

American river otters. Poster presented at the annual meeting of the Southeastern Association for Behavior Analysis, Charleston, SC.

Branham, K[1], Senter, J. [1], Berry, E[1], & **Rasmussen, E.B.** (Nov, 2002). *A re-examination of acquisition of DRH performance: A comparison of three studies.* Poster presented at the annual meeting of the Southeastern Association for Behavior Analysis, Charleston, SC.

Rasmussen, E.B. (September, 2002). *Human performance under concurrent schedules of reinforcement and punishment: Support for the additive model of punishment.* Paper presented at the biannual meeting of the International Congress on Behaviorism and Behavioral Sciences, Auburn, AL.

Rasmussen, E.B., Banna, K., & Ecott, C.L. (May 2002). *Professional development series: Behavior in transition from undergraduate to graduate school, and graduate school to career.* Panel conducted at the annual meeting of the Association for Behavior Analysis, Toronto, Canada.

Rasmussen, E.B and M.C. Newland. (May 2002) *Quantifying anti-punishment effects of ethanol using the generalized matching relation.* Paper presented at the annual meeting of the Association for Behavior Analysis, Toronto, Canada.

Rasmussen, E.B., Lawyer, S.R., & Buskist, W. (Feb. 2001). *Do successful researchers teach?* Poster presented at the annual meeting of the Southeastern Teaching of Psychology Conference, Atlanta, GA.

Rasmussen, E.B. (March 2001). *Lessons learned: What the GTA experience teaches graduate students about academic life.* Symposium conducted at the annual meeting of the Southeastern Psychology Association, Atlanta, GA.

Rasmussen, E.B., Crump, V.L.[1], Hudson, K. [1], & Newland, M.C. (Oct. 2000). *Can behavior analysis contribute to a conceptualization of "psychological well-being of captive animals?* Poster presented at the annual meeting of the Southeastern Association for Behavior Analysis, Chattanooga, TN.

Donlin, W.D., **Rasmussen, E.B**., & Newland, M.C. (Oct. 2000) *Drug challenges do not reveal chronic or acute effects of manganese exposure on operant licking in the rat.* Poster presented at the annual meeting of the Southeastern Association for Behavior Analysis, Chattanooga, TN.

Newland, M.C., & **Rasmussen, E.B.** (July 2000). *Unmasking the silent neurotoxicity of methylmercury: drug challenges and aging.* Paper presented at the annual meeting of Behavioral Toxicology Society (in conjunction with the NBTS conference), West Palm Beach, FL.

Rasmussen, E.B., & Newland, MC. (May 2000). *Conceptualizing "psychological well-being" in captive animals: An integrative approach.* Paper presented at the annual meeting of the Association for Behavior Analysis, Washington, DC.

Rasmussen, E.B., Donlin, W.D., & Newland, MC. (May 2000). *Acute effects of manganese exposure on operant licking in the rat*. Poster presented at the annual meeting of the Association for Behavior Analysis, Washington, DC.

Donlin, W.D., **Rasmussen, E.B.**, & Newland, M.C. (Oct. 1999). *Licking as an operant.* Poster presented at the annual meeting of the Southeastern Association for Behavior Analysis, Columbia, SC.

Rasmussen, E.B., & Newland, M.C. (May 1999). *Dopaminergic compounds differentially affect DRH performance in rats.* Paper presented at the 25th meeting of the Association for Behavior Analysis, Chicago, IL.

Rasmussen, E.B., & Newland, E.B. (May 1999). *Effects of MK-801 on DRH performance of rats exposed prenatally to methylmercury.* Poster presented at the 25th meeting of the Association for Behavior Analysis, Chicago, IL.

Rasmussen, E.B., & Newland, M.C. (March 1999). *Acquisition of a multiple DRH extinction schedule of reinforcement in rats exposed during development to methylmercury.* Poster presented the annual meeting of the Society for Toxicology, New Orleans, LA.

Newland, M.C., & **Rasmussen, E.B**. (March 1999). *Developmental exposure to methylmercury affects high-rate behavior in the aged rat.* Poster presented at the annual meeting of the Society for Toxicology, New Orleans, LA.

Miller, E.R. & Critchfield, T.S. (May 1998). *Human generalization gradients with appetitive and aversive stimuli.* Symposium conducted at the annual convention of the Association for Behavior Analysis, Orlando, FL.

Buskist, W., **Miller, E.R.**, & Ecott, C.L. (May 1998). *Updating coverage of "operant conditioning" in introductory psychology: A survey of the JEAB editorial board* . Paper presented at the annual convention of the Association for Behavior Analysis, Orlando, FL.

Newland, M.C., & **Rasmussen, E**. (May 1998). *Developmental effects of prenatally administered methylmercury on acquisition of schedule performance and aging*. Paper presented at the annual meeting of the Behavioral Toxicology Society, Durham, NC.

Miller, E.R., & Newland, M.C. (April 1998). *Low doses of prenatally administered methyl mercury affect high rate responding in the aging rat*. Paper presented at the annual meeting of the Experimental Analysis of Behavior Group, London, England.

Buskist, W., & **Miller, E.R**. (March 1998). *In the eye of the beholder: Student perceptions of "good" teaching*. Paper presented at the annual meeting of the Southeastern Psychological Association, Atlanta.

Miller, E.R., & Critchfield, T.C. (Oct.1997). *Human punishment gradients: A failure to find differential responding.* Poster presented at the annual meeting of the Southeastern Association for Behavior Analysis, Chapel Hill, NC.

Critchfield, T.S., Innis, A., **Miller, E.R**., & Lane, S. (Oct.1997). *Equivalence and ambivalence: Emergent relations with "none of the above" as a response option.* Poster presented at the annual meeting of the Southeastern Association for Behavior Analysis, Chapel Hill, NC.

Miller, E.R., & Fleming, R.K. (May 1997). *Installing a behavior analytic repertoire in a 5-year-old child.* Poster presented at the annual meeting of the Association for Behavior Analysis, Chicago, IL.

Miller, E.R., & Cheney, C.D. (May 1997). *The implications of teaching behavior analysis to children.* Symposium conducted at the annual meeting of the Association for Behavior Analysis, Chicago, IL.

Miller, E.R., & Buskist, W. (March 1997). *What students think of psychology before taking the introductory course.* Poster presented at the annual meeting of the Southeastern Psychological Association, Atlanta, GA.

Miller, E.R., & Cheney, C.D. (May 1996). *Effects of forced flavor exposure on food neophobia.* Poster presented at the annual meeting of the Association for Behavior Analysis, San Francisco, CA.

Miller, E.R., & Cheney, C.D. (Feb.1995). *Teaching behavior science to elementary school children.* Poster presented at the annual meeting of the Northern California Association for Behavior Analysis, Oakland, CA.

Ferguson, T.J., **Miller, E.R**., Adams, R., & Edman, S.(April 1994). *Is guilt adaptive or not? A comparison of two measures.* Poster presented at the annual meeting of The Rocky Mountain Psychological Association, Las Vegas, NV.

Thompson, T.M., Puopolo, N., Stepan, J., **Miller, E.R**., and Harris, K. (April 1994). *A hierarchical solution in addressing the needs of the psychology student*. Psi Chi poster presented at the annual meeting of The Rocky Mountain Psychological Association, Las Vegas, NV.

COURSES TAUGHT

GRADUATE

Food and Behavior
Advanced Topics in Learning
Psychotropic Drugs

UNDERGRADUATE
Learning and Behavior
Learning and Behavior Laboratory
Behavioral Pharmacology/Drugs and Behavior
Introductory Psychology
Senior Seminar

GRADUATE STUDENTS SUPERVISED

Ethan Hemmelman, B.S. Thesis: Classical conditioning of visual and olfactory food cues. Thesis proposed: Summer 2019.

Joy Lee. M.S. Dissertation: Developmental characterization of delay discounting for food. Proposed Summer 2018.

Luis Rodriguez, B.S., B.A. Thesis: Effects of Acceptance and Commitment Therapy in delay discounting for food and money. Thesis defended: Summer 2018

Stephen Robertson, M.A. Dissertation defended Spring 2017: Developmental effects of high-fat, high-sugar diet on delay discounting for food. Published in *Journal of Psychopharmacology*. Currently a post-doctorial fellow at University of Michigan's Department pf Pharmacology.

Maxwell Moholy, Ph.D.. Dissertation (2016): "Effects of mindfulness on impulsive choice and risk". Defended August 2016. Interned at Veterans Care System of the Ozarks in Fayetteville, AR and is currently a post-doctoral fellow at the Boise Veterans Administration Medical Center.

Kelsie Hendrickson, Ph.D. Thesis (2012): "Delay discounting and mindful eating training in obese individuals". Published in *Behaviour Research & Therapy*. Dissertation (2015): "Effects of mindful eating on impulsive choice across the lifespan." Defended May, 2015. Internship at Children's Mercy Hospital at Kansas City, MO. Currently completing a post-doctoral fellowship for the Department of Defense in San Antonio, TX.

Jennifer Stoll Peterson, Ph.D. Dissertation (2014): "Effects of monetary and effort-based price on food-related decision-making in obese and healthy-weight humans: A behavioral economic approach". Post-doctoral fellowship: Salt Lake City Veterans Administration. Currently at VA Southern Oregon Rehabilitation Center & Clinics as a clinical psychologist.

Buckley, Jessica, M.S. Thesis (2012) : « Effects of rimonabant on differential sensitivity to rates of reinforcement in lean and obese Zucker rats" Published in *Psychopharmacology* and *Physiology & Behavior*. Currently an adjunct professor at Idaho State University.

Carrie Brower-Breitweiser, Ph.D. Dissertation (2011): "The use of concurrent operants in assessing preference for instructional treatment in children with escape-maintained problem behavior" . Interned at Johns-Hopkins University School of Medicine. Currently pediatric psychologist at Sanford Children's Hospital, Fargo, ND.

Shilo Smith, M.S. Thesis (2009): "Effects of naloxone and 2-AG on the reinforcing value of exercise in obese and lean rats" Published in *Behavioural Pharmacology*. Currently teaching at the College of Southern Idaho.

Alexa Wakley, M.S. Thesis (2008): "Effects of cannabinoids on the reinforcing properties of food in rats". Published in *Pharmacology, Biochemistry and Behavior*. Ph.D from Washington State University, 2013. Currently a Research Associate at University of New England, ME.

PROFESSIONAL AFFILIATIONS

- Four Corners Association for Behavior Analysis, member, 2008--present
- Society for the Quantitative Analysis of Behavior, 2008—present
- Association for Behavior Analysis International, full member, 1994-present.
- Society for the Study of Ingestive Behavior, full member, 2017-present
- Sigma Xi, associate member, 2000-present.
- Idaho Idea Network for Biomedical Research Excellence, member 2004-present.
- American Psychological Association. Divisions 2 (Teaching of Psychology), 25 (Behavior Analysis) and 28 (Psychopharmacology).
- Southeastern Association for Behavior Analysis, full member, 1995-2005.
- Behavioral Toxicology Society, member, 1999-2003
- Society for Neuroscience, 2004-7
- Snake River Society for Neuroscience, 2005-present.

PROFESSIONAL ACTIVITIES/SERVICE

- President-elect, Association for Behavior Analysis International, 2019-2022.
- Associate Editor, *The Behavior Analyst*, 2015-2019.
- *Journal of the Experimental Analysis of Behavior*, editorial board member, 2013-2016.
- Association for Behavior Analysis International, Science Board member, 2013-2016.
- Assistant Director, Idaho Idea Network for Biomedical Research Excellence, 2011-2014.
- Guest action editor, *The Psychology Record*. 2011.
- President, Four Corners Association for Behavior Analysis, 2009-2011
- Program Chair, Four Corners Association for Behavior Analysis, 2009-2010.
- Grant Reviewer for North Carolina Biotechnology Center, March, 2008.
- Invited co-editor (with Tom Critchfield) for special issue on aversive control for *Mexican Journal of Behavior Analysis,* Fall 2006.

- Ad hoc Reviewer: *Appetite*, *Behavioral Brain Research, Behavioural Processes, British Journal of Pharmacology, Environmental Toxicology and Pharmacology, Experimental Analysis of Human Behavior Bulletin, Journal of the Experimental Analysis of Behavior, Journal of Physiology and Pharmacology, International Journal of Obesity, Journal of Applied Behavior Analysis, Mexican Journal of Behavior Analysis, Neuropsychopharmacology, Neurotoxicology, Neurotoxicology and Teratology, Pediatrics*., *Pharmacology, Biochemistry & Behavior, Physiology & Behavior, Preventative Medicine*, *Psychological Record, Psychopharmacology.*
- Editorial Board member, *Journal of General Psychology*, 2002-2005; 2005-2008.
- Consulting editor, *Handbook on Graduate Teaching*, Society for the Teaching of Psychology, 2004.
- Accreditation review consultant, Association for Behavior Analysis, March 2003, University of North Texas Master's program.
- Advisory Board Member, Cambridge Center for Behavioral Studies, 2002-5.
- Voting member, Institution for Animal Care and Use Committee, College of Charleston, 2003-2004. Idaho State University 2007- present.
- Program Chair, Annual meeting of the Southeastern Association for Behavior Analysis, October 2002, Charleston, SC.
- Association for Behavior Analysis, At-Large Student Representative, 2000-2003
- Vice President of Psi Chi, Utah State University Chapter, 1993-4.
- Vice President of Psychology Club, Utah State University, 1993-4.

AWARDS & HONORS

- Distinguished Researcher, Idaho State University, 2017.
- Master Teacher award, Idaho State University, 2016.
- Outstanding Graduate Mentor, Association for Behavior Analysis International, 2015.
- Distinguished Researcher, nominee, Idaho State University, 2013.
- Outstanding Experimental Faculty Member, Dept. of Psychology, Idaho State University, 2012.
- Distinguished Teacher, nominee, Idaho State University, 2012, 2013, 2016.
- APA's Division 25 Dissertation Award, Honorable Mention, 2003.
- Graduate Student Marshal, Auburn University graduation, December, 2001
- Auburn University's Top Ten Outstanding Graduate Students—The Graduate Dean's Award for Excellence, May 2000.
- Outstanding Graduate Student Award (Doctoral), Dept of Psychology, 1999-2000.
- Outstanding Graduate Teaching Assistant, Dept. of Psychology, Auburn University, 1998.
- Undergraduate Instructor Apprentice of the Year, 1994, Utah State University.
- Golden Key Honor Society, member, 1993-4

GRANTS

- 17-05791S Czech Science Foundation. Czech Republic National Institute of Mental Health. (funded). Cross-cultural and cross-commodity comparisons of delay

discounting in prison and normal populations. Jan 2017- Dec 2020. US$168,500. Role: Consultant. PIs: T. Prihodova, K. Prihodova, S. Lawyer.

- NIH 1R15AT009348-01. (funded). Food insecurity, obesity, and impulsive food choice. $403,678. Role: PI. Collaborator: K. Martin. June 2016-May 2019.
- Sidney & Janet Bijou dissertation grant. (2017). Awarded to graduate student: Joy Lee. $10,000 Role: Faculty supervisor
- ISU Molecular Core Research Facility. (2015). Dopamine gene expression transcriptome analysis. $5000. Co-PI: Stephen Robertson.
- Sidney & Janet Bijou dissertation grant. (2013). Awarded to graduate student: Kelsie Hendrickson. $10,000 Role: Faculty supervisor.
- National Institutes of Health. #NIH P20RR016454. Idaho Network for Biomedical Research and Education, small research grant, 2016 $2000; 2015 $2000; 2012, $3500. Also paid for INBRE Summer Fellow (full-time undergraduate research fellow 2016, 2015, 2012, 2010, 2008, 2007, 2006)
- Center for Translational Research—Infrastructure Network. (not funded). Food insecurity, obesity, and discounting. $68,098
- National Institutes of Health. 1 R15 DK0989 35-01 . (2013). "Dietary and Genetic Contributors to Dopamine D2 Regulation in Obese Rats: A Behavioral Economic Approach". $360,867. Collaborator: J. Salamone. Initial priority score: 34, A1 not funded.
- University Research Committee, 2012, ISU, $17,000. "Genotyping the DRD2 Polymorphism in Obese Humans". Co-investigator J. Loxterman, Ph.D
- ISU's College of Arts and Letters, Research grant, $5000, 2013; $3800, 2012.
- Faculty Research Grant, 2011, Idaho State University, $4200.
- Undergraduate Research Grants, Idaho State University. Supervised for Sally Huskinson, William Reilly, Katie Berry, Jennifer White, Steven Boomhower (2X). ~8,000.
- Graduate Research Grants, Idaho State University. Supervised for Jessica Buckley, Jennifer Stoll, Kelsie Hendrickson, Stephen Robertson.
- National Institutes of Health, AREA. 1 R15 HL096101-01-A1. Rimonabant's effects on food value in obese Zucker rats: A behavioral economic approach. ~$300,000. Status: scored, not funded.
- Idaho State University, Humanities and Social Sciences Research Committee Grant, July, 2008, $20,584.
- National Science Foundation #SBE-0620073. (2007-2009) Center ADVANCE grant "Women Empowerment to Learn, Educate, Advance, and Develop" ~ $34,000
- National Institutes of Health. #NIH P20RR016454. Idaho Network for Biomedical Research and Education, Summers of 2005- 2008, 2011-2012. Pays for a full time research assistant and supplies.
- Faculty Research Committee (2007). Idaho State University, $5,000. National Institutes of Health, AREA. 1 R15 DK 077180-01. (2006). Prenatal food restriction's effects on cannabinoid sensitity and obesity. $186,999. Co-investigator: Dan Selvage. Status: Not funded.
- Idaho State University, Humanities and Social Sciences Research Committee Grant, Dec. 2004, $23,658.

- College of Charleston, Faculty Research and Development Grant, Fall 2003, $3200.00
- College of Humanities and Social Sciences Summer Research Grant, awarded Summer 2002, $2500.00.
- College of Charleston, Faculty Research and Development Grant, awarded Fall 2001, $2500.00
- Sigma Xi Research Award, awarded December 2000, $300.
- Research Fellowship, Auburn University Graduate School, $1000.