

**DANÍ K. SHEPPARD**

***AWARDS AND HONORS***

Mentor and co-author for Dean's Choice Award research project (Nature Lab), UAF Research Day, 2018



**Other professional experience**

POSTDOCTORAL FELLOW, 7/96-7/99, Loyola University Chicago - Stritch School of Medicine  
Principal investigator: Dr. Louis D. Van de Kar

LECTURER, 1/97-7/99, Loyola University Chicago, Pharmacology and Experimental Therapeutics  
Introduction to Pharmacology, selected lectures

GRANT PROJECT MANAGER, 6/95-6/96, George Mason University  
Principal investigator: Dr. Robert F. Smith  
“‘Childhood’ Cocaine in Rats: Change in Abuse Potential?”

SUMMER INTERN, 5/93-9/93, National Institutes of Health (NIAAA)  
Principal investigator: Dr. John Karanian  
“Ethanol dependence of rats in inhalation chambers”

**PEER-REVIEWED PUBLICATIONS (\*undergraduate students, \*\*graduate students)**

Gering, C.S., Sheppard, D.K., Adams, B.L., Renes, S.L., Morotti, A.A. (2018). Strengths-based analysis of student success in online courses. *Online Learning Journal*, 22(3).

Greene-Schloesser, D.M.\*\*, Van der Zee, E.A., Sheppard, D.K., Castillo, M.R., Gregg, K.A.\*, Burrow, T.\*, Foltz, H.\*, Slater, M.\*, & Bult-Ito, A. (2011). Predictive validity of a non-induced mouse model of compulsive-like behavior. *Behavioural Brain Research*, 221:55-62.

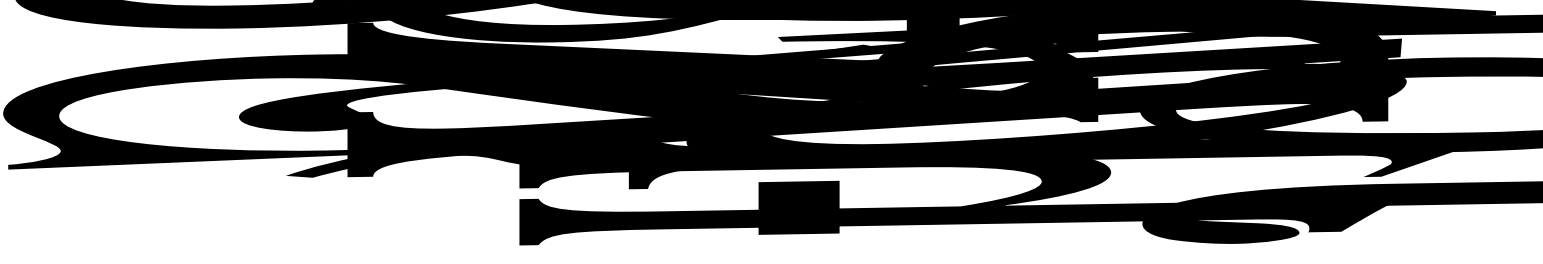
Castillo, M.R., Hochstetler, K.J.\*\*, Greene, D.M.\*\*, Firmin, S.I.\*, Tavernier, R.J.\*\*, Raap, D.K., and Bult-Ito, A. (2005). Circadian rhythm of core body temperature in two laboratory mouse lines. *Physiology and Behavior*, 86(4):538-545.

Hartmann, A., Raap, D.K., and Geist, C. (2003). Toxicity of herbal beverages. In V.R. Preedy and R. Watson (Ed.), *Reviews in Food and Nutrition Toxicity*, 1:1-15. doi: 10.1201/9780203634523.ch1

Raap, D.K., DonCarlos, L., Garcia, F., Zhang, Y.\*\*, Muma, N.A., Battaglia, G. and Van de Kar, L.D. (2002). Ovariectomy-induced increases in hypothalamic 5-HT<sub>1A</sub> receptor function in rats is prevented by estradiol. *Neuroendocrinology*, 76:348-356.

Van de Kar, L.D., Raap, D.K., Battaglia, G., Muma, N., Garcia, F., and DonCarlos, L. (2002). Treatment of cycling female rats with fluoxetine induces desensitization of hypothalamic 5-HT<sub>1A</sub> receptors with no change in 5-HT<sub>2A</sub> receptors. *Neuropharmacology*, 43:45-54.

Zhang, Y.\*\*, D'Souza, D., Raap, D.K., Garcia, F., Battaglia, G., Muma, N.A., and Van de Kar, L.D. (2002). Treatment of cycling female rats with fluoxetine induces desensitization of hypothalamic 5-HT<sub>1A</sub> receptors with no change in 5-HT<sub>2A</sub> receptors. *Neuropharmacology*, 43:45-54.



Ashdown, B. & Sheppard, D.K. (2010). Developing department outcomes and assessment strategies: Getting everyone involved. *40<sup>th</sup> Annual International Society for Exploring Teaching and Learning, Nashville, TN.*

Sheppard, D.K. (2009). The service-learning journey: Serve-reflect-learn. *2009 Lilly Arctic Institute on Innovations and Excellence in Teaching, Fairbanks, AK.*

Sheppard, D.K. (2009). Seven fundamentals of service-learning. *2009 Lilly Arctic Institute on Innovations and Excellence in Teaching, Fairbanks, AK.*

Sheppard, D.K. (2009). Critical thinking in action. *Workshop, 2009 Lilly Arctic Institute on Innovations and Excellence in Teaching, Fairbanks, AK.*

Raap, D.K. (1999). Prozac and Estrogen: A Novel Therapeutic Technique? *Life Sciences Seminar, University of Alaska Fairbanks, Fairbanks, AK.*

Van de Kar, L.D., Li, Q., Raap, D.K., Garcia, F., Battaglia, G., and Muma, N.A. (1997). Adaptive changes in hypothalamic 5-HT<sub>1A</sub> receptor-signal transduction systems during daily administration of fluoxetine or paroxetine. *International Society of Psychoneuroendocrinology, 28<sup>th</sup> Congress, San Francisco, CA.*

Van de Kar, L.D., Raap, D.K., Evans, S., Li, Q., Battaglia, G., and Muma, N.A. (1996). Dose-response of fluoxetine-induced desensitization of hypothalamic 5-HT<sub>1A</sub> receptors. *6<sup>th</sup> World Congress of Biological Psychiatry, Nice, France.*

**ABSTRACTS AND POSTERS (\*undergraduate students, \*\*graduate students)**

Norling, D.\*, Milanovic, A.\*, Levy, S.\*, Benjamin, E.\*, Lindsay, N.\*, Sample, T.\*, Kelly, C.\*, Myers, B.\*, Sheppard, D.K., & Peterson, J.R. (2018). Take me to your happy place: Evaluation of natural places and measure of well-being in college students in interior Alaska. *98<sup>th</sup> Annual Western Psychological Association Convention, Portland, OR, April, 2018; UAF Research Day, April, 2018.*

Milanovic, A.\*, Lindsay, N.\*, Sample, T.\*, Norling, D.\*, Benjamin, E.\*, Kelly, C.\*, Levy, S.\*, Peterson, J.R., & Sheppard, D.K. (2018). Behavioral and health adaptations to excessive light conditions in arctic summers. *98<sup>th</sup> Annual Western Psychological Association Convention, Portland, OR, April, 2018; UAF Research Day (awarded Dean's Choice Award), April, 2018.*

Sheppard, D.K., & Peterson, J.R. (2018). Student-immersion model for new-faculty startup: Role of mentoring in Year 2. *98<sup>th</sup> Annual Western Psychological Association Convention, Portland, OR, April, 2018.*

Myers, B., Milanovic, A.\*, Benjamin, E.\*, Norling, D.\*, Sheppard, D.K., & Peterson, J.R. (2018). A room with a view: Impact of classroom windows on student attention and cognition. *98<sup>th</sup> Annual Western Psychological Association Convention, Portland, OR, April, 2018; UAF Research Day, April, 2018.*

Lopez, E.D.S., Sheppard, D.K., Eddy, K., Vasquez, A.\*\*\*, & Arndt, L.\* (2018). Understanding the Experiences of Alaska Native Caregivers in Alaska's Interior Region. *98<sup>th</sup> Annual Western Psychological Association Convention, Portland, OR, April, 2018.*

Gering, C. & Sheppard, D.K. (2017). Who's teaching this course? Student perceptions of academic control and teaching presence. *Digital poster; Online Learning Consortium (OLC) Accelerate 2017, Orlando, FL, November, 2017.*

Milanovic, A.\*, Sheppard, D.K., & Lopez, E.D.S. (2017). Bored out of this world: Self-determination is negatively correlated with boredom. *Association of Psychological Science, Boston, MA, May, 2017; UAF Research Day (awarded Dean's Choice Award), April, 2017.*

Peterson, J., & Sheppard, D.K. (2017). A novel student immersion model for new faculty startup. *97<sup>th</sup> Annual Western Psychological Association Convention, Sacramento, CA, April, 2017.*

Moran, A.\*, Lopez, E.D.S., Sheppard, D.K., Vasquez, A.\*\*\*, & Stallings, C.\* (2016). "Have unconditional love for those you care for with compassion": Understanding the experiences of our Alaska Native caregivers. *UAF Research Day, April, 2016.*

- Rutledge, O., Yanez, J., Stephans, E., Lardon, C.S., & Sheppard, D.K. (2012). Uncovering the effects of aspartame and sugar on verbal memory functioning. *UAF Research Day, April, 2016.*
- Greene, D.M.\*\* , Castillo, M.R., Alexander, K.A.\* , McMahan, A.\* , Raap, D.K. and Bult-Ito, A. (2005). Neurotoxic lesions of serotonin cells in the dorsal raphe reduce compulsive-like nest building in mice. *Soc. Neurosci. Abstracts, 31.*
- Alexander, K.A.\* , Greene, D.M.\*\* , Raap, D.K. and Bult-Ito, A. (2005). Effects of desipramine and fluoxetine on repetitive nesting behavior in *Mus musculus*. *Soc. Neurosci. Abstracts, 31.*
- Greene, D.M.\*\* , Raap, D.K. and Bult-Ito, A. (2004). Serotonergic drug effects on nest-building behavior in mice. *Soc. Neurosci. Abstracts, 30.*
- Foltz, H.\* , Slater, M.\* , Greene, D.\*\* , Jennison, B., Raap, D.K., and Bult-Ito, A. (2004). The effects of



Serres, F., Raap, D.K., Muma, N.A., Garcia, F., Battaglia, G., Zhang, Y.\*\*\*, Ma, Q.\*\* and Van de Kar, L.D. (1998). Reduction of G<sub>z</sub> protein in the hypothalamus by antisense oligonucleotides inhibits the oxytocin response to the 5-HT<sub>1A</sub> agonist 8-OH-DPAT. *Soc. Neurosci. Abstracts*, 24, 539.18.

Raap, D.K., DonCarlos, L., Serres, F., Garcia, F., Muma, N.A. and Van de Kar, L.D. (1998). Long-term fluoxetine desensitizes hypothalamic 5-HT<sub>1A</sub> receptors in cycling female rats without altering the estrous cycle: Reduction in hormone responses to 8-OH-DPAT and no change in hormone responses to DOI. *Fourth IUPHAR Satellite Meeting on Serotonin Abstracts*, PP16.



Filla, R.A.C. (2003). Grandparents raising grandchildren: Challenges and services. Co-advised with Dr. Jordan Titus (UAF Sociology).

Szostak, E. (2002). Effects of body size on portion size perception, portions size knowledge, and answers to a multivariate eating disorder inventory for anorexia nervosa and bulimia among college women. Co-advised with Dr. Anita Hartmann (UAF Psychology).

***Undergraduate research projects (as faculty mentor)***

Aleksandra Milanovic (2015-2017). Bored out of this world: Factors impacting boredom state. Presented at *UAF Research Day (poster, Dean's Choice Award)*, Fairbanks, AK, April 2017, and *Association of Psychological Science Annual Meeting*, Boston, MA, May, 2017.

Omar Rutledge (2010-2012). Sweeteners and memory function. Co-advised with Drs. Tim Lower & Cecile Lardon (UAF Psychology). Presented at *28<sup>th</sup> Annual Behavioral Sciences Conference of the North (poster)*, Anchorage, AK, April 2012, and *UAF Research Fair (oral & poster)*, Fairbanks, AK, April 2011 & 2012 (Grand Prize award, \$1000).

Katy-Scarlett Olson (2009). Using faculty recognition as a means for enhancing student-faculty interaction and community opinion of UAF.

Natasha Pomeroy (Fall 2008). A biopsychosocial model of creativity.

Jennifer Phillips (Spring 2008). Community-based learning at UAF: Faculty assessment.

Kili Fern (Spring 2007). In pursuit of a biocultural model in psychology.

Adam McMahan (2004-2005). Role of serotonin in repetitive nesting behavior. Co-advised with Dr. Abel Bult-Ito (UAF Biology).

Traci Burrow (Summer 2004). Serotonergic function in locomotor activity in association with obsessive compulsive behavior. Co-advised with Dr. Abel Bult-Ito (UAF Biology).

Crystal Duncan (2004). Effect of fluoxetine on marble-burying in mice selectively bred for repetitive nesting behavior. Co-advised with Dr. Abel Bult-Ito (UAF Biology).

Heather Foltz (2003-2004). Marble burying differences in mice bidirectionally selected for nesting behavior. Co-advised with Dr. Abel Bult-Ito (UAF Biology). Presented at *30<sup>th</sup> Annual Society for Neuroscience*, San Diego, CA, November 2004.

Michael Slater (2003-2004). Marble burying differences in mice bidirectionally selected for nesting behavior. Co-advised with Dr. Abel Bult-Ito (UAF Biology). Presented at *30<sup>th</sup> Annual Society for Neuroscience*, San Diego, CA, November 2004.

Rae Ann Croy Filla (2002-

Aaron Leonard (2002-2003). Implications for increasing firefighter survivability: Use of top-down processing and somatosensory association in training. Presented at 3<sup>rd</sup>

- Wall, S. (2012-2013, Ph.D. student, INDS: Economics Education). A proposed model for an economical approach to teaching.
- Olson, K. (2010-2011, M.Ed. student, Counseling). The role of music type in stimulating memories among patients with Alzheimer's Disease.
- Christensen, A. (2011, M.A., Community Psychology). Domestic violence: A curriculum for juvenile justice probation officers in Alaska.
- Niles, B. (2011, Ph.D. INDS: Cross-cultural Counseling). Differential diagnoses across cultures.
- McMorrow, S. (2010, Ph.D. INDS: Counselor Education). Alaska elementary school counseling: Current practices and future directions.
- Greene, D. (2007, Ph.D. Biology). Characterization of obsessive-compulsive animal model.
- Reilly, J. (2006, M.A. Northern Studies). Role of serotonin in depression in the North.
- Voth, D. (2006, M.A. Community Psychology). Psychopharmacological substances in-service curriculum for educators.
- Dosch, K.A. (2004, M.Ed.). The transition from elementary to middle school: A suggested program for Fairbanks, Alaska.
- Ott, R. (2002, M.Ed.). Risk factors among adolescent homosexuals.
- Alaska State High School Science Symposium projects (as faculty mentor)***
- Atencio, R. (2017-18). Obedience to authority in adolescents.
- Manley, R. (2016-17). Factors influencing texting while driving. *Presented March 2017, Fairbanks, AK: Finalist, 2<sup>nd</sup> place in division*
- Widman, F. (2016-17). Music and its effect on heartrate. *Presented March 2017, Fairbanks, AK*
- Dandekar, R. (2015-16). Effects of gender and social environment on snacking behavior.
- Randall, A. (2014-15). Perspectives of inkblots between ages and gender (co-mentor with I. Rivkin).
- Robinson, K. (2012-13). Factors influencing motivation in clutch situations.
- Ombadykow, D. (2011-12). Changes in hedonic well-being in late adulthood. *Presented March 2012 Fairbanks, AK: 1<sup>st</sup> place overall; presented May 2012 Baltimore, MD at Nationals.*
- Schweitzer, A. (2011-12). Relationship between chlorine levels and respiratory function among aquatic athletes. *Presented March 2012 Fairbanks, AK: Finalist: 2<sup>nd</sup> place in division; 3<sup>rd</sup> place overall; presented May 2012 Baltimore, MD: 2<sup>nd</sup> place in division; national finalist.*
- Ombadykow, D. (2010-11). Age of happiness. *Presented March 2011 Fairbanks, AK: Finalist, 2<sup>nd</sup> place in division, 5<sup>th</sup> place overall.*
- Olson, J. (2005-06). Developmental effects of extreme lighting in Arctic on visual illusion perception in

teenagers. *Presented March 2006 Fairbanks, AK: Finalist, 2<sup>nd</sup> place in division*

Wisel, C. (2005-06). Effects of handedness on various intelligences.

Schooley, E. (2005-06). Adolescent sleeping rhythms in the Arctic.

Miller, K. (2005-06). Specialized effects of subliminal persuasion.

Risse, E. (2004-05). Developmental effects on perception of optical illusions.

Hendersen, D. (2003-04). Environmental effects on taste preference.

### **PROFESSIONAL SERVICE**

Representative, Western Psychological Association Council of Representatives, (2018-present)  
Facilitator, Research Strand Town Hall Roundtable, Online Learning Consortium Accelerate (2017)  
National Collegiate Athletic Association (NCAA) Faculty Athletics Representative (FAR), UAF (2000-2001, 2011-2017)  
Member, NCAA Division II FAR Fellows Advanced Leadership Institute Steering Committee (2017)  
Member, NCAA Interassociation Task Force on Sleep and Wellness (2017)  
Reviewer, Office of Teaching Resources in Psychology, APA Division 2, Society for the Teaching of Psychology (2008-present)  
Reviewer, Journal of Teaching of Psychology (2008-present)  
Table Leader, Educational Testing Service (ETS), Advanced Placement (AP) Psychology (2007-2016)  
Chair, GNAC Appeals Committee (2014-2015)  
Chair, Great Northwest Athletics Conference (GNAC) FAR Group (2013-2015)  
Member, Senior Management Council, GNAC (2013-2015)  
Chair, Western Collegiate Hockey Association (WCHA) FAR Group (2013-2014)  
Member, WCHA Commissioner Search Committee (2013-2014)  
Member, Executive Council, WCHA (2013-2014)  
Advanced Leadership Team, Rubric Development, ETS, AP Psychology (2011, 2013)  
Member, Conference planning committee, Lilly Adult Learning Conference of the North (2008-2009, 2010-2011)  
Reader, ETS, AP Psychology (2002-2006)  
Workshop Facilitator, National Institute for the Teaching of Psychology (2003)

### **UNIVERSITY SERVICE**

External Examiner, Graduate School, UAF (2015-present)  
Member, College of Liberal Arts Social Science Peer Review Unit, UAF (2004-present)  
Mentor, Tenure-track faculty, UAF (2004-present)  
Coordinator, Department of Psychology Teaching Roundtable, UAF (2015-2018)  
Member, Department of Psychology Undergraduate Committee, UAF (2002-2012, 2014-2018)  
National Collegiate Athletic Association Faculty Athletic Representative, UAF (2000-2001, 2011-2017)  
Chair, Nanook Athletics Advisory Committee, UAF (2013-2017) - renamed from:  
Chair, Intercollegiate Athletic Committee, UAF (2012-2013)  
Member, Intercollegiate Athletic Committee, UAF (2000-2002, 2011-2012)  
Member, INBRE Biomedical Curriculum Committee, UAF (2014-2016)  
Member, Student-Athlete Eligibility Team, UAF (2011-2013)  
Speaker, Panelist, New Student Orientation, UAF (2002, 2004, 2007, 2008, 2009, 2012, 2013)



Division II FAR Fellows Institute (4 day program) - National Collegiate Athletics Association  
HERS Leadership Institute for Women in Higher Education (3 week residential program) – Higher  
Education Resource Services  
Academic Leadership Institute (year-long program) – UAF Provost's Office  
Quality Matters Workshop (3 week intensive) - Improve Your Online