

**DANÍ K. SHEPPARD, Ph.D.**  
(previously ***Raap***)

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**EDUCATION**

Postdoctoral Fellowship - Experimental neuroendocrinology and pharmacology, 7/96 - 7/99  
Stritch School of Medicine, Loyola University Chicago, Maywood, IL  
Principal Investigator: Dr. Louis D. Van de Kar

Ph.D. Developmental Psychology (physiological specialization), August 1996  
George Mason University, Fairfax, VA; Dissertation advisor: Dr. Robert F. Smith  
Dissertation title: *"Periadolescent cocaine and stress effects on reproductive maturity and estrous cyclicity in the female rat"*

M.A. Experimental Neuropsychology, August 1995  
George Mason University, Fairfax, VA; Thesis advisor: Dr. Robert F. Smith  
Thesis title: *"Prenatal cocaine alters luteinizing hormone control in the rat"*

B.S. Psychology (pre-med), December 1988  
Virginia Polytechnic Institute and State University, Blacksburg, VA

**CONTINUING EDUCATION**

NCAA Division II Faculty Athletics Representative (FAR) Fellows Institute, Fall 2016, National Collegiate Athletics Association, Indianapolis, IN

HERS, Summer 2009 – Graduate, Higher Education Resource Services Summer Leadership Institute for Women in Higher Education, Bryn Mawr, PA

**RESEARCH FUNDING**

UAF Undergraduate Research and Scholarly Activity (URSA) Mentoring Award, PI, \$5,000, 2017-2018  
*"Journey to Western Psychological Association"*

American Indian-Alaska Native Clinical Translational Research Program, National Institutes of Health, 1054GM115371-01, Co-PI, \$79,995, 10/17/2017-7/31/2018  
*"Cardiac Arrest Survival Rate and Determinant Factors in Rural Alaska Year 2"*

UAF URSA Innovative Technology and Education (ITE), Co-PI, \$7,495, 2017  
*"The effects of extended daylight on the mood and well-being of residents in interior Alaska"*

American Indian-Alaska Native Clinical Translational Research Program, National Institutes of Health, Key Personnel, \$55,000, 2017  
*"Cardiac Arrest Survival Rate and Determinant Factors in Rural Alaska"*

President's Special Project Fund Award, Co-PI, University of Alaska Fairbanks, \$5,000, 2000  
*"Serotonin and vasopressin in the suprachiasmatic nucleus of selected mice lines: Do we have an animal model for obsessive-compulsive disorder?"*

National Alliance for Research on Schizophrenia and Depression (NARSAD) Young Investigator Award, Stritch School of Medicine, Loyola University, \$60,000, 1997-1999  
*"Potential Synergy Between the Effects of Estrogen and Fluoxetine on Serotonin Function in Females"*

## **AWARDS AND HONORS**

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

Fellow, Chancellor's Innovations in Technology in Education (CITE), UAF, 2017-present

Best in Strand, Research Strand, Online Learning Consortium (OLC) Accelerate, Orlando FL, 2017

Mentor and co-author for Dean's Choice Award research project (A. Milanovic, undergraduate), UAF Research Day, 2017

Fellow, National Collegiate Athletics Association (NCAA) Division II Faculty Athletics Representative (FAR), 2016-2017

Nominee, Usibelli Distinguished Teaching Award (UAF's highest teaching honor), 2017, 2009, 2008, 2006

Recognition, Finalist Judge for Alaska State High School Science Symposium, presented by the US Army, Navy, and Air Force, 2017, 2008, 2006, 2005, 2004, 2003, 2001

Recognition, Mentor for Alaska State High School Science Symposium, presented by the US Army, Navy, and Air Force, 2015, 2012, 2011, 2006

Recognition, Session Judge for Alaska State High School Science Symposium, presented by the US Army, Navy, and Air Force, 2015

Mentor and co-author for Grand Prize research project (O. Rutledge, undergraduate), UAF Research Day, 2012

Robert Piacenza Award for Teaching Excellence, UAF Honors Program, 2012

Honorary Faculty Recognition for contributions to academic success of student-athletes, UAF Dep't of Athletics, 2010-2011 (for 5 student-athletes), 2009-2010 (1), 2008-09 (2), 2007-08 (2), 2006-07 (1), 2005-06 (4), 2004-05 (4), 2003-04 (3)

Carol Feist Outstanding Advisor Award for Undergraduate Academic Advising, UAF, 2005, 2002

Faculty Merit Bonus, College of Liberal Arts, UAF, 2003

Golden Key International Honour Society, Honorary Member, 2003-present

Psi Chi Model Chapter Award, 2003

Poster Award (2<sup>nd</sup> place), Behavioral Sciences Conference of the North, Anchorage, Alaska, 2001

American Society for Pharmacology and Experimental Therapeutics (ASPET)-Great Lakes Chapter Post-Doctoral Fellow Poster Award for Scientific Excellence, 1998

Psi Chi - National Honor Society for Psychology – Member, 1992-present

## **EMPLOYMENT HISTORY**

### ***Faculty experience***

**University of Alaska Fairbanks (UAF), 1999-present**

ASSOCIATE PROFESSOR, 2004-present, Department of Psychology

Faculty Athletics Representative, 2011-2017, 2000-2001, UAF / National Collegiate Athletics Association (NCAA)

Assessment coordinator, 2012-2014, Vice Chancellor for University & Student Advancement

Co-chair, 2010-2011, Department of Psychology

Chair, 2008-2010, Department of Psychology

Faculty coordinator, 2005-2010, UAF Community-based Learning Initiative

Coordinator, Undergraduate Studies in Psychology, 2002-2008, Department of Psychology

Faculty Academic Advisor, 2004-2006, University Academic Advising Center

Assistant Professor, 1999-2004, Department of Psychology

*Courses taught at UAF:*

*Lower division:* Introduction to Psychology [12 semesters], Lifespan Development [10, *three online*]

*Upper division:* Physiological Psychology (aka “Brain & Behavior”) [15], Drugs and Behavior [6], Sensation and Perception [8], Laboratory in Physiological Psych [1], Neurobiology [1], Sport Psych [8], Learning & Cognition [2], Physiology of Gender [1], Senior Capstone Seminar [9, *five online*], Independent/directed Study [10], Independent Research [13], Senior Thesis [2]

*Graduate:* Graduate Teaching Practicum [4], Psychopharmacology [1], Graduate Thesis [1]

*Research projects/proposals at UAF:*

*Active*

In collaboration with D. LaSota (UAF eLearning): “Maintaining quality in large-enrollment courses”

In collaboration with C. Gering (UAF eLearning): “Student success in online learning”

In collaboration with J. Peterson (UAF Psychology): Nature Lab: “The role of nature in the human condition”

In collaboration with E. Lopez (UAF Psychology) and K. Drew (UAF Chemistry): “Cardiac arrest survival in rural Alaska”

In collaboration with E. Lopez (UAF Psychology): “Assessing strengths and needs in Alaska Native informal caregivers”

*Prior*

In collaboration with S. Bandopadhyay (UAF Engineering): “Improving mine safety through enhancement of health and safety management systems”

In collaboration with M. Sfraga, K. Racina (UAF Office of University and Student Advancement): “Assessment of athletics program at UAF”

In collaboration with M. Skewes (UAF CANHR & Department of Psychology): “Body image and perfectionism among collegiate student-athletes”

In collaboration with B. Ashdown (UAF Psychology): “Department outcomes and assessment strategies”

In collaboration with D. Misra (UAF Engineering), J. Morrison (Office of Faculty Development), and J. Boggs (Student Leadership): “Community-based learning at UAF: Faculty assessment”

In collaboration with A. Bult-Ito (UAF Biology):

“Use of selected mouse lines as potential model of obsessive-compulsive disorder”

“Characterization of estrous cyclicity and nest-building behavior in selected mice lines”

In collaboration with J. Lipka (UAF Education), J. Mohatt (UAF Psychology), R. Sternberg (Yale University): “Assessing forms of learning among Alaska Natives”

In collaboration with A. Hartmann (UAF Psychology), C. Geist (UAF Emeritus): “Effect of chronic kombucha ingestion on appetitive and cognitive behaviors in the rabbit”

In collaboration with L.D. Van de Kar (Loyola University): “Synergy of estrogen and fluoxetine on serotonin<sub>1A</sub> (5-HT<sub>1A</sub>) receptor-signaling in female rats”

**North Carolina State University, Jan 2007-Mar 2007 (Sabbatical leave from UAF)**

VISITING ASSOCIATE PROFESSOR, Service-Learning Program, Office of the Provost

Mentor: Dr. Patti Clayton

Objective: Immersion into community-based learning pedagogy from five perspectives: personal, instructor, scholar, department, and institution.

**Western Washington University, Apr 2007-Jun 2007 (Sabbatical leave from UAF)**

VISITING ASSOCIATE PROFESSOR, Department of Psychology

Mentor: Dr. Joseph Trimble

Objective: Restructure views and teachings of interactions between culture and physiology

**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. (2001). Characterization of the functional heterologous desensitization of hypothalamic 5-HT<sub>1A</sub> receptors after 5-HT<sub>2A</sub> receptor activation. *Journal of Neuroscience*, 21:7919-7927.

Van de Kar, L.D., Javed, A.\*\*, Zhang, Y.\*\*, Serres, F., Raap, D.K., and Gray, T.S. (2001). 5-HT<sub>2A</sub> receptors stimulate ACTH, corticosterone, oxytocin, renin and prolactin release and activate hypothalamic CRF and oxytocin expressing cells. *Journal of Neuroscience*, 21:3572-3579.

Raap, D.K., Morin, B.\*\*, Medici, C.N. and Smith, R.F. (2000). Adolescent cocaine and injection stress effects on the estrous cycle. *Physiology and Behavior*, 70:417-424.

- Serres, F., Muma, N.A., Raap, D.K., Garcia, F., Battaglia, G. and Van de Kar, L.D. (2000). Coadministration of 5-hydroxytryptamine<sub>1A</sub> antagonist WAY-100,635 prevents fluoxetine-induced desensitization of postsynaptic 5-hydroxytryptamine<sub>1A</sub> receptors in hypothalamus. *Journal of Pharmacology and Experimental Therapeutics*, 294(1):296-301.
- Serres, F., Li, Q., Garcia, F., Raap, D.K., Battaglia, G., Muma, N.A. and Van de Kar, L.D. (2000). Evidence that G<sub>z</sub>-proteins couple to hypothalamic 5-HT<sub>1A</sub> receptors *in vivo*. *Journal of Neuroscience*, 20(9):3095-3103.
- Raap, D.K., DonCarlos, L., Garcia, F., Muma, N.A., Wolf, W.A., Battaglia, G. and Van de Kar, L.D. (2000). Estrogen desensitizes 5-HT<sub>1A</sub> receptors and reduces levels of G<sub>z</sub>, G<sub>i1</sub> and G<sub>i3</sub> proteins in the hypothalamus. *Neuropharmacology*, 39:1823-1832.
- Zhang, Y.\*\* , Raap, D.K., Garcia, F., Serres, F., Ma, Q.\*\* , Battaglia, G. and Van de Kar, L.D. (2000). Long-term fluoxetine produces behavioral anxiolytic effects without inhibiting neuroendocrine responses to conditioned stress in rats. *Brain Research*, 855:58-66.
- Raap, D.K. and Van de Kar, L.D. (1999). SSRIs and neuroendocrine function: a mini-review. *Life Sciences*, 65(12):1217-1235.
- Smith, R.F., Medici, C.N. and Raap, D.K. (1999). Enduring effects of weaning-through-puberty cocaine dosing in the rat. *Psychobiology*, 27(3):432-437. doi: 10.3758/BF03332137
- Raap, D.K., Garcia, F., Muma, N.A., Wolf, W.A., Battaglia, G. and Van de Kar, L.D. (1999). Sustained desensitization of hypothalamic 5-hydroxytryptamine<sub>1A</sub> receptors after discontinuation of fluoxetine: inhibited neuroendocrine responses to 8-hydroxy-2-(dipropylamino)tetralin in the absence of changes in G<sub>i/o/z</sub> proteins. *Journal of Pharmacology and Experimental Therapeutics*, 288(2):561-567.
- Raap, D.K., Evans, S.\* , Garcia, F., Li, Q.\*\* , Muma, N.A., Wolf, W.A., Battaglia, G. and Van de Kar L.D. (1999). Daily injections of fluoxetine induce dose-dependent desensitization of hypothalamic 5-HT<sub>1A</sub> receptors: reductions in neuroendocrine responses to 8-OH-DPAT and in levels of G<sub>z</sub> and G<sub>i</sub> proteins. *Journal of Pharmacology and Experimental Therapeutics*, 288(1):98-106.

## ***PRESENTATIONS***

- Sheppard, D.K. (2018). Team goal setting. *West Valley High School Women's Soccer Team, Fairbanks, AK*
- Gering, C. & Sheppard, D.K. (2018). Key factors of student success: Taking research to practice. *Transforming the Teaching & Learning Environment, 9<sup>th</sup> annual, 2018 Virtual Conference, University of Idaho; invited presentation*
- Gering, C. & Sheppard, D.K. (2017). What we can learn from successful online students. *Online Learning Consortium (OLC) Accelerate 2017 Conference, Orlando, FL. Awarded "Best in Strand" for Research Strand.*
- Sheppard, D.K. (2013). Behind the mask: A look into the mind of a hockey player. *2013 Alaska Chapter American College of Sports Medicine, Fairbanks, AK.*
- Sheppard, D.K. (2012). Drugs and the teenage brain. *Undergraduate Research & Scholarly Activity (URSA) Research Showcase Seminar, Fairbanks, AK.*

- 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.
- Sheppard, D.K. (2009). Tools for teaching: Finding your blind-spot. *Workshop, 2009 Lilly Arctic Institute on Innovations and Excellence in Teaching*, Fairbanks, AK.
- Sheppard, D.K. (2008). Reflection in leadership. *Workshop, 2008 Student Leadership Conference, University of Alaska Fairbanks*, Fairbanks, AK.
- Sheppard, D.K. (2008). Community-based learning in the liberal arts. *College of Liberal Arts Convocation, University of Alaska Fairbanks*, Fairbanks, AK.
- Sheppard, D.K. (2008). Blackboard use in the classroom. *Office of Information Technology Faculty Spotlight, University of Alaska Fairbanks*, Fairbanks, AK.
- Sheppard, D.K. (2008). Community-based learning. *College of Liberal Arts Chairs' Council, University of Alaska Fairbanks*, Fairbanks, AK.
- Sheppard, D.K. (2008). Community-based learning at UAF. *Faculty Senate, University of Alaska Fairbanks*, Fairbanks, AK.
- Raap, D.K. (2006). Reach in to reach out. *Keynote address to Golden Key International Honour Society Induction, University of Alaska Fairbanks*, Fairbanks, AK.
- Clark, C., Stickel, T., and Raap, D.K. (2004). Registration exposition: Your catalog is more than a doorstep. *Orientation 2004, University of Alaska Fairbanks*, Fairbanks, AK.
- Raap, D.K. (2004). Recent developments toward an animal model of Obsessive-Compulsive Disorder. *Neuroscience Research Forum, University of Alaska Fairbanks*, Fairbanks, AK.
- Raap, D.K. (2004). Pursuing a unique model for Obsessive-Compulsive Disorder. *Psychology Department Colloquium, University of Alaska Fairbanks*, Fairbanks, AK.
- Gorman, R., Flinn, G., and Raap, D.K. (2003). Lecture-free lectures in psychology. *25<sup>th</sup> Annual National Institute on the Teaching of Psychology*, St. Pete Beach, FL.
- Raap, D.K. and Clark, C. (2002). Success in the classroom at UAF. *Orientation 2002, University of Alaska Fairbanks*, Fairbanks, AK.
- Raap, D.K. and Bult-Ito, A. (2001). Circadian rhythms. *KUAC Radio Talk Show "Evening Rounds" with host, Amy Meyer, Fairbanks, AK. (airing several dates since)*

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 selective breeding and sex on repetitive digging behavior in mice. *Soc. Neurosci. Abstracts, 30.*
- Greene, D.M.\*\* , Raap, D.K. and Bult-Ito, A. (2003). Characterization of serotonergic involvement in nest-building behavior in mice. *Soc. Neurosci. Abstracts, 29.*
- Greene, D.M.\*\* , Raap, D.K. and Bult-Ito, A. (2003). Neurotransmitter pathways involved in the regulation of thermoregulatory nest-building behavior in mice. *54<sup>th</sup> Annual Arctic Science Conference.*
- Greene, D.M.\*\* , Raap, D.K. and Bult-Ito, A. (2003). Neurotransmitter pathway involvement in the regulation of nest-building behavior in mice: a preliminary study. *Specialized Neuroscience Research Program Annual Meeting.*
- Hochstetler, K.J.\*\* , Firmin, S.I.\* , Castillo, M.R., Greene, D.M.\*\* , Kobylk, M.E.\* , Raap, D.K., and Bult-Ito, A. (2002). Circadian rhythm stability influences body temperature regulation. *Soc. Neurosci. Abstracts, 28, 177.17.*
- Greene, D.M.\*\* , Raap, D.K., Cozad, K. and Bult-Ito, A.(2002). Characterization of neurotransmitter involvement in nest-building behavior in mice. *Soc. Neurosci. Abstracts, 28, 90.1.*
- Kobylk, M.E.\* , Raap, D.K. and Bult, A. (2001). Serotonin transporter immunoreactivity in the mouse suprachiasmatic nucleus. *Soc. Neurosci. Abstracts, 27, 180.5.*
- Raap, D.K., DonCarlos, L., Serres, F., Garcia, F., Muma, N.A. and Van de Kar, L.D. (1999). Estrogen induces desensitization of hypothalamic serotonin<sub>1A</sub> receptors in a time-dependent manner. *Soc. Neurosci. Abstracts, 25, 587.7.*
- Van de Kar, L.D., Raap, D.K., Garcia, F., Li, Q., Zhang, Y.\*\* , Battaglia, G. and Muma, N.A. (1999). Activation of 5-HT<sub>2A</sub> receptors induces a heterologous desensitization of hypothalamic 5-HT<sub>1A</sub> receptors. *Soc. Neurosci. Abstracts, 25, 587.12.*
- Zhang, Y.\*\* , Van de Kar, L.D., Raap, D.K., Garcia, F., Li, Q., Battaglia, G. and Muma, N.A. (1999). Long-term fluoxetine decreases stress-induced behaviors, without inhibiting neuroendocrine responses to conditioned stress in rats. *Soc. Neurosci. Abstracts, 25, 173.7.*
- Van de Kar, L.D., Raap, D.K., Garcia, F., Li, Q., Zhang, Y.\*\* , Battaglia, G. and Muma, N.A. (1999). Role of G proteins in SSRI-induced desensitization of post-synaptic 5-HT<sub>1A</sub> receptors. *Second European Congress of Pharmacology Abstracts.*



- 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.
- Serres, F., Raap, D.K., Battaglia, G., Muma, N.A., Garcia, F. and Van de Kar, L.D. (1998). Low doses of WAY-100,635 do not potentiate the fluoxetine-induced desensitization of the hypothalamic 5-HT<sub>1A</sub> receptors while high doses of WAY-100,635 prevent their desensitization. *Fourth IUPHAR Satellite Meeting on Serotonin Abstracts*, PP17.
- Van de Kar, L.D., Raap, D.K., Serres, F., Garcia, F., Wolf, W.A., Battaglia, G. and Muma, N.A. (1998). Serotonin mediated stress hormone responses to therapeutic drugs. *Fourth IUPHAR Satellite Meeting on Serotonin Abstracts*, S8.3.
- Raap, D.K., Garcia, F., Battaglia, G., Muma, N.A. and Van de Kar, L.D. (1997). Withdrawal from chronic fluoxetine produces a gradual reversal of desensitization of 5-HT<sub>1A</sub> receptor-mediated neuroendocrine responses to 8-OH-DPAT. *Soc. Neurosci. Abstracts*, 23, 385.5.
- Siciliano, D., Smith, R.F., Morin, B. and Raap, D.K. (1997). Juvenile alcohol consumption in the rat induces behavioral changes evident later in adulthood. *Soc. Neurosci. Abstracts*, 23, 724.23.
- Li, Q., Raap, D.K., Evans, S., Garcia, F., Muma, N.A., Battaglia, G. and Van de Kar, L.D. (1997). Daily injections of fluoxetine induced dose-dependent desensitization of hypothalamic 5-HT<sub>1A</sub> receptor-mediated neuroendocrine responses to 8-OH-DPAT. *Soc. Neurosci. Abstracts*, 23, 385.4.
- Van de Kar, L.D., Raap, D.K., Garcia, F., Wolf, W.A., DonCarlos, L.L., Muma, N.A. and Battaglia, G. (1997). Estrogen desensitizes the neuroendocrine response of hypothalamic 5-HT<sub>1A</sub> receptors to 8-OH-DPAT. *Soc. Neurosci. Abstracts*, 23, 385.6.
- Medici, C.N., Smith, R.F. and Sheppard, D.K. (1996). Prenatal and early postnatal cocaine exposure: Long-term effects on cocaine sensitivity in the adult rat. *Soc. Neurosci. Abstracts*, 22, 739.17.
- Sheppard, D.K., Smith, R.F., Morin, B. and Medici, C.N. (1996). Periadolescent cocaine and stress effects on reproductive maturation and estrous cyclicity in the female rat. *Soc. Neurosci. Abstracts*, 22, 738.5.
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- Smith, R.F., Medici, C.N., Sheppard, D.K. and Chandhoke, V. (1995). Developmental time course of prenatal cocaine-induced prolactin suppression. *Soc. Neurosci. Abstracts*, 21, 283.13.
- Sheppard, D.K., Smith, R.F. and Medici, C.N. (1994). Prenatal cocaine alters basal and estrogen-primed LH levels in female rats. *Soc. Neurosci. Abstracts*, 20, 250.14.

Smith, R.F., Sheppard, D.K., Medici, C.N. and Shepanek, N.A. (1994). A rat model of periadolescent cocaine use: Sexually dimorphic effects on body weight gain. *Soc. Neurosci. Abstracts*, 20, 250.17.

Smith, R.F., Medici, C.N., Rivers, T.A. and Sheppard, D.K. (1993). Neither early separation stress nor environmental enrichment selectively reverses behavioral effects of prenatal cocaine. *Soc. Neurosci. Abstracts*, 19.

## **STUDENT MENTORSHIP**

### ***Student research funding awards (as faculty mentor)***

Aleksandra Milanovic (2015-2017). UAF undergraduate student, “Bored out of this world: Factors impacting boredom state.” 2016 UAF Undergraduate Research and Scholarly Activity (URSA) Fall Research Award (\$2500), 2017 UAF URSA Spring Travel Award (\$2000), 2017 Associated Students of the UAF (ASUAF) Travel Award (\$378), 2017 UAF Department of Psychology Richard Possenti Research Travel Award (\$500).

Omar Rutledge (2010-2012). UAF undergraduate student, “Uncovering the behavioral effects of sugar, aspartame on memory.” 2010 UAF Undergraduate Research Opportunities Program (\$2500). 2011 CLA Undergraduate Research Opportunity Award (\$2035). 2011 UAF Undergraduate Research Opportunities Program (\$2500). Co-advised with Drs. Cécile Lardon and Tim Lower (UAF Psychology).

Adam McMahan (2004-2005). UAF undergraduate student, “Serotonergic involvement in repetitive nesting behaviors.” UAF Undergraduate Research Opportunities Program (\$2500). Co-advised with Dr. Abel Bult-Ito (UAF Biology).

Traci Burrow (Summer 2004). UAF undergraduate student, “Serotonergic function in locomotor activity in association with obsessive compulsive behavior.” Alaska BRIN/INBRE Undergraduate Summer Research Experience (USRE) Award (\$6,956). Co-advised with Dr. Abel Bult-Ito (UAF Biology).

Crystal Duncan (Summer 2004). UAF undergraduate student, “Effect of fluoxetine on marble-burying in mice selectively bred for repetitive nesting behavior.” Alaska BRIN/INBRE & ANSEP (Alaska Native Science and Engineering Program) Summer Internship Program (\$2461). Co-advised with Dr. Abel Bult-Ito (UAF Biology).

Rae Ann Croy Filla (2002-2003). UAF undergraduate student, “Grandparents raising grandchildren: Challenges and services.” UAF Undergraduate Research Opportunities Program (\$1,510). Co-advised with Dr. Jordan Titus (UAF Sociology).

Emily Szostak (2001-2002). UAF undergraduate student, “Effects of body size on portion size perception, portion size knowledge, and answers to a multivariate eating disorder inventory for anorexia nervosa and bulimia among college women.” ND Systems Strategic Consulting (Ester, Alaska; \$1000). Co-advised with Dr. Anita Hartmann (UAF Psychology).

### ***Undergraduate senior theses (as faculty mentor)***

Aleksandra Milanovic (2017). Bored out of this world: Factors impacting boredom state.

Rutledge, O. (2012). The behavioral effects of sugar, aspartame on memory. Co-advised with Drs. Cécile Lardon & Tim Lower.

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 (2002-2003). Senior Thesis: Grandparents raising grandchildren: Challenges and services. Co-advised with Dr. Jordan Titus (UAF Sociology). Presented at *Full Lives: Moving Forward Together Direct Support Conference (oral)*, Anchorage, AK, April 2003, *19<sup>th</sup> Annual Behavioral Sciences Conference of the North (poster)*, Anchorage, AK, April 2003, *3<sup>rd</sup> Biannual UAF Social Sciences Conference (oral)*, Fairbanks, AK, March 2003, and *Undergraduate Research Opportunities Forum (poster)*, Fairbanks, AK, April 2003.

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> Biannual UAF Social Sciences Conference*, Fairbanks, AK, April 2003.

Emily Szostak (2001-2002). Senior Thesis: Effects of body size on portion size perception, portion 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).

Michael Lindsey (2000-2002). Senior Thesis (incomplete): Correlation between academic performance and athletic performance.

Micki Kobylk (2000-2001). Serotonin transporter immunoreactivity in the mouse suprachiasmatic nucleus. Co-advised with Dr. Abel Bult-Ito (UAF Biology). Presented at *27<sup>th</sup> Annual Society for Neuroscience*, San Diego, CA, November 2001.

Rae Ann Croy (2000-2001). Effect of handling in infancy on cognitive behaviors of rabbits. Co-advised with Dr. Anita Hartmann (UAF Psychology). Presented at *17<sup>th</sup> Annual Behavioral Sciences Conference of the North*, Anchorage, AK, April 2001.

Robert Fath (2000-2001). Effect of handling in infancy on cognitive behaviors of rabbits. Co-advised with Dr. Anita Hartmann (UAF Psychology). Presented at *17<sup>th</sup> Annual Behavioral Sciences Conference of the North*, Anchorage, AK, April 2001.

***Graduate dissertations, theses, and projects (as chair)***

Gering, C. (2017, Ph.D. INDS: Psychology and Online Education, Co-Chair). Strengths-based analysis of student success in online courses at the University of Alaska.

Olson, N. (2012, M.A. INDS: Developmental Behavioral Health). Use of music to enhance memory in Alzheimer's patients.

Hubbard, P. (2007-2010, pursued Ph.D., INDS: Athletic Administration). Diversity plan implementation and evaluation in higher education athletics.

Willett, L. (2003, M.Ed., Co-Chair). Solutions for success: A model for teachers with adolescent students.

***Graduate dissertations, theses, and projects (as committee member)***

Frost, K. (active, Ph.D. student, INDS: Adult Education). Adult motivation and engagement in online learning.

Jerome, S. (2018, Ph.D., Biochemistry). Biochemical markers of overtraining in endurance athletes.

Sawchuk, J. (2016, M.Ed., Community Counseling). Strategic planning for life after athletics among elite student-athletes.

Blanas, A. (inactive, Ph.D. student, INDS: Behavioral Psychology and Social Work). Effectiveness of online parent training on increasing parents' ability to teach daily living skills in the home environment.

Murakami, C. (inactive, Ph.D. student, INDS: Linguistics). Cognitive approach to understanding second language acquisition among adult learners.

- 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)

Member, Search Committee, Director of Intercollegiate Athletics, UAF (2012)  
Chair, College of Liberal Arts Sabbatical Review Committee, UAF (2010)  
Chair, Department of Psychology, UAF (Jan 2008-Aug 2010)  
Member, Chancellor's Committee on the Integration of Research and Teaching in the Sciences, UAF (Jan 2009-May 2010)  
Faculty Coordinator, UAF Community-Based Learning Initiative (2005-2010)  
Coordinator, Undergraduate Studies in Psychology, UAF (2002-2008)  
Faculty Advisor, Psi Chi, National Honor Society in Psychology, UAF (1999-2004, 2007-2008)  
Faculty Representative, UA Scholars Reception, UAF (2005, 2007, 2011)  
Faculty Representative, UA Scholars Reception, UAA (2005, 2007)  
Faculty Representative, UA Scholars Reception, UAS (2005)  
Speaker, UA Scholars Reception, UAF (2004)  
Member, College of Liberal Arts Dean Search Committee, UAF (2002-2003)  
Member, Development of cross-campus Joint Ph.D. Degree in Psychology, UAF (2000-2006)  
Coordinator, Introductory Psychology Curriculum, UAF (1999-2003)

### ***PUBLIC SERVICE***

Mentor, Collaborator, and Resource Provider, AP High School Teachers, Hartford High School, Wisconsin (2012-present)  
Sponsor (ongoing), Job Shadowing, Fairbanks North Star Borough High School Students (2001-present)  
Mentor, Alaska State High School Science Symposium (ASHSSS) projects (2001-2006, 2011-present)  
Resource provider, teacher mentor, guest lecturer, collaborative project coordinator – West Valley High School Psychology Class (2000-2018)  
Workshop Facilitator, West Valley High School Women's Soccer Team (2018)  
Interviewee, KFAR Morning Show, CITE Fellowship project (2017)  
Finalist Judge, ASHSSS (2001-2008, 2017)  
Manuscript Reviewer, ASHSSS (2010, 2014, 2016, 2017, 2018)  
Interviewee, Great Northwest Athletics Conference (GNAC) Insider radio talk show (2016)  
Session Judge, ASHSSS (2015)  
Collaborative Sensational Perceptions Fair coordinator – West Valley High School Psychology Class (2002, 2004, 2006, 2010, 2012)  
Social Sciences Representative, UAF-North Star Borough School District Curriculum Alignment Initiative (2007-2008, 2009-2010)  
Co-coordinator, Science Fair Alaska Lecture Series, UAF & Fairbanks (2009)  
Collaborative Wellness Fair Coordinator – CARELINE & Fairbanks PTA (2008)  
Judge, Fairbanks District Science Fair (2001-2006)  
Resource Provider and Guest Lecturer – West Valley High School Anatomy & Physiology Class (2001-2006)  
Mentor, 1<sup>st</sup> grade student, District Science Fair Project: Home-made skinner box, Blue Ribbon recipient (2006)  
Guest Speaker, Circadian rhythms with Abel Bult-Ito, KUAC Public Radio Talk Show "Evening Rounds" with Amy Meyer (2001)  
Collaborative Reverse Science Fair coordinator – Lathrop High School Anatomy and Physiology Class (2000)

### ***PROFESSIONAL DEVELOPMENT***

EPIC (Expanding Pedagogies, Innovative Courses; year-long program) - UAF Center for eLearning  
CITE Fellowship (Chancellor's Innovation in Technology in Teaching; multi-year appointment) - UAF Center for eLearning

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 Course - QM Quality Matters, Inc.  
iTeach Psych Workshop (week-long program) - UAF Center for eLearning  
iTeach Workshop (week-long program) - UAF Center for Distance Education  
Technology in teaching workshops (partial list) - UAF - Tech/Third Thursdays, Blackboard, eLearning, VoiceThread  
Faculty Athletics Representative (FAR; partial list) - workshops at FAR Association annual meetings and annual National Collegiate Athletics Association (NCAA) Conventions  
CITI Human Subjects for Social Behavioral Research certification  
Animal Care and Use certification – UAF Center for Research Services  
Laboratory safety certification – UAF Safety Office  
Grant Proposal Workshops (6) – UAF, National Institutes of Health (NIH), National Science Foundation (NSF)  
Grantsmanship series (10 week program) – UA sponsored  
College of Liberal Arts Teaching Circle – UAF sponsored  
Service-Learning – Campus Compact, UAA, Portland State University Institute, International Society for Research on Service-Learning (3), Association of American Colleges & Universities, North Carolina Campus Compact, Campus visits (14)  
UAF Training Modules (partial list) - Safety, intruder, emergency, minors on campus, Title IX  
UAF Faculty Development Workshops (partial list) - Classroom Engagement; Taming the Email Beast; What the Best Teachers Do – K. Bain; Assessment; Plagiarism; Peer Observations and Evaluations; Mentoring Junior Faculty; UAF Registrar training; Stress & wellness; EndNote; Burnout; Fulbright  
National Institute for the Teaching of Psychology (2)  
Rubric use for standardized assessment of essays on national exam (10) – Educational Testing Service (ETS)  
Rubric development for standardized assessment of essays on national exam (6) – ETS  
Adult-Learning Conference & Workshops (2) – UAF  
University of Alaska Statewide Retreats on Women’s Issues (2)  
Behavioral Test Methods Workshop and Steering Committee (National meeting)

### **PROFESSIONAL MEMBERSHIPS**

Western Psychological Association, Member, since 2017; Council of Representatives, since 2018  
Association for Psychological Science, Member, since 2012  
Society for the Teaching of Psychology [Div 2 – American Psychological Assoc], Member, since 2005  
Sigma Xi, Scientific Research Society, Full Member, since 2005  
Golden Key International Honour Society, Honorary Member, since 2003  
Psi Chi, National Honor Society in Psychology, Member, since 1992  
(Faculty advisor, 1999-2004, 2007-2008)  
American College of Sports Medicine, Member, 2013-2017  
International Association for Research on Service-Learning and Community Engagement, Member, 2007-2012  
Society for Neuroscience, Member, 1993-2012