

CURRICULUM VITAE

BRYAN W. CAMP

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Education:

B.A.: Psychology, University of Wisconsin-Madison, May 2009

M.A. Psychology, Arizona State University, December 2012

Honors and Awards:

Wisconsin Academic Excellence Scholarship, 2004-2008

Dean's List (Spring 2004/2005, Spring 2005/2006, Fall 2006/2007, Fall 2007/2008)

Graduated with honors at University of Wisconsin-Madison B.A.

Arizona State University Women's Faculty Association Distinguished Graduate Student Award Spring 2013

Professional Affiliations:

Arizona Alzheimer's Consortium

Society for Neuroscience

American Psychological Association

Teaching Experience:

Instructor Arizona State University-Polytechnic Campus 2021-Present

- Introduction to Psychology

- Introduction to Statistics

- Research Methods

- Memory and Cognition

- Sensation and Perception

- Biological Bases of Behavior

- Psychopharmacology

- Learning and Motivation

- Abnormal Psychology

- Industrial Psychology

- Biology of Human Sexuality (In Prep)

Faculty Associate Arizona State University-Polytechnic Campus 2017-2021

Adjunct Faculty Maricopa Community College (GWCC, CGCC) Fall 2014-2021

- Introduction to Psychology

- Introduction to Statistics

- Cultural Psychology (Online)

- Developmental Psychology

Full Time Professor Central Arizona College (Temporary Position) Spring 2015

- Introduction to Psychology (Online and In-Person)

Research Experience:

Student Researcher, Wisconsin National Primate Research Center, Madison, Wisconsin, January 2007-May 2008. **Duties:** Behavioral and cognitive assessment of aging rhesus macaques using a motor movement assessment panel. Cognitive assessment of rhesus macaques using a computer touch screen. Supervisor: Dr. Joseph Kennitz, Ph.D.

CPI (Centralized Protocol Implementation) Student Researcher, Wisconsin National Primate Research Center, Madison, Wisconsin, May 2008- May 2009. **Duties:** Facilitate research being conducted by PIs located across the United States. **General techniques learned:** Performing blood draws, assisting in Bronchoalveolar Lavages, SIV infections, vaginal swabs, transporting monkeys, intramuscular injection, intravenous injections, blood allocating for later analysis. **Specific techniques learned:** Assist with PET and fMRI scans, screening the use of monkeys for the use in Parkinson's disease research, assist with CSF taps, data entry for the Internet Primate Aging Database (IPAD), behavioral training and assessment for Parkinson's study on the use of deep brain stimulation, assisting in MPTP surgery for Parkinson's research, assisted in surgeries implanting microelectrode grids and head plant removals. Supervisors: Dr. Nancy Schultz-Darken, Ph.D. & Kevin Brunner, DVM.

Graduate School Research, Arizona State University, Tempe, Arizona, July 2009-January 2014. **Duties:** Facilitate research being headed by PI. **Techniques learned:** Behavioral water-maze testing for cognition, novel object recognition testing, performing ovariectomy surgery on rodents, collecting brain samples, BCA protein analysis, western blot analysis, mixing/administering drug, injections, data analysis, manuscript preparation, mentoring. Supervisor: Dr. Heather Bimonte-Nelson, Ph. D.

PROFESSIONAL SERVICE**Ad-hoc Field Reviewer for Scientific Journals**

Hormones and Behavior 2011
Endocrinology 2012

Teaching assistantships

Introduction to Statistics, Spring 2011
Introduction to Statistics, Fall 2011
Introduction to Statistics, Spring 2012
Personality Theory/Research Fall 2012
Media Madness: Mental Disorders in Media, Spring 2013
Physiological Psychology, Fall 2013

COMMUNITY SERVICE

2020-Present	Gilbert Youth Soccer Association
2017-Present	ASU Open Door
2016	Brain Awareness, Sierra School District Visit
2013	Brain Awareness, Sierra School District Visit
2012	Brain Awareness ASU Event
2012	Brain awareness, Girl Scouts
2011	ASU Homecoming Psychology Tent
2011	Brain awareness, Sierra School district
2011	Bio buzz, Arizona Science center
2011	Brain Fair for Children, Arizona State University, organizer - coordinated with elementary schools, elementary school teachers, undergraduate volunteers, developed activity stations, developed and conducted pre and post- brain fair interviews with underprivileged schools in the Phoenix area.
2010	Brain Fair for Children, Arizona State University

PUBLICATIONS

1. High serum androstenedione levels correlate with impaired memory in the surgically menopausal rat: a replication and new findings.

Camp BW, Gerson JE, Tsang CW, Villa SR, Acosta JI, Blair Braden B, Hoffman AN, Conrad CD, Bimonte-Nelson HA. Eur J Neurosci. 2012 Jul 3. doi: 10.1111/j.1460-9568.2012.08194.x. PMID:22758646

2. Novel allosteric agonists of M1 muscarinic acetylcholine receptors induce brain region-specific responses that correspond with behavioral effects in animal models.

Digby GJ, Noetzel MJ, Bubser M, Utley TJ, Walker AG, Byun NE, Lebois EP, Xiang Z, Sheffler DJ, Cho HP, Davis AA, Nemirovsky NE, Mennenga SE, **Camp BW**, Bimonte-Nelson HA, Bode J, Italiano K, Morrison R, Daniels JS, Niswender CM, Olive MF, Lindsley CW, Jones CK, Conn PJ. J Neurosci. 2012 Jun 20;32(25):8532-8544. PMID:22723693

3. An update on the cognitive impact of clinically-used hormone therapies in the female rat: Models, mazes, and mechanisms.

Acosta JI, Hiroi R, **Camp BW**, Talboom JS, Bimonte-Nelson HA. Brain Res. 2013 Jan 16. doi:pii: S0006-8993(13)00065-6. 10.1016/j.brainres.2013.01.016. PMID:23333453

4. Navigating to new frontiers in behavioral neuroscience: traditional neuropsychological tests predict human performance on a rodent-inspired radial-arm maze.

Mennenga SE, Baxter LC, Grunfeld IS, Brewer GA, Aiken LS, Engler-Chiurazzi EB, **Camp BW**, Acosta JI, Braden BB, Schaefer KR, Gerson JE, Lavery CN, Tsang CW, Hewitt LT, Kingston ML, Koebele SV, Patten KJ, Ball BH, McBeath MK, Bimonte-Nelson HA. *Front Behav Neurosci.* 2014 Sep 9;8:294. doi: 10.3389/fnbeh.2014.00294. eCollection 2014.

5. Pharmacological blockade of the aromatase enzyme, but not the androgen receptor, reverses androstenedione-induced cognitive impairments in young surgically menopausal rats.

Mennenga SE, Koebele SV, Mousa AA, Alderete TJ, Tsang CW, Acosta JI, **Camp BW**, Demers LM, Bimonte-Nelson HA. *Steroids.* 2014 Aug 23. pii: S0039-128X(14)00203-7. doi: 10.1016/j.steroids.2014.08.010

PRESENTATIONS AND PUBLISHED ABSTRACTS

1. Acosta, J.I., **Camp, B.W.**, Mennenga, S.E., Villa, S.R., Gerson, J.E., and Bimonte-Nelson, H.A. (2012) CEE exerts differential effects on cognition depending on menopause type in the rat: relation, correlation, and replication of androstenedione-induced impairments.

- *Arizona Alzheimer's consortium*, Phoenix, AZ, United States.
- *Aging and Alzheimer's Disease*, Fort Worth, TX, United States.

2. Acosta, J.I., Mennenga, S.E., **Camp, B.W.**, Villa, S.R., Gerson, J.E., and Bimonte-Nelson, H.A. (2011). Too much of a good thing? High androstenedione is associated with spatial reference and working memory impairment in transitionally and surgically menopausal middle-aged rats.

- *Arizona Alzheimer's consortium*, Scottsdale, AZ, United States.
- *Society for Neuroscience*, Washington, DC, United States.

3. Acosta, J.I., Mennenga, S.E., **Camp, B.W.**, Villa, S.R., Gerson, J.E., and Bimonte-Nelson, H.A. (2011). Androstenedione is associated with memory impairments in transitionally and surgically menopausal middle-aged rats.

- *International Behavioral Neuroscience Society*, Steamboat Springs, CO, United States.
- *National Hispanic Science Network*, Coral Gables, FL, United States

4. Engler-Chiurazzi, E.B., Mennenga, S.E., Acosta, J.I., Talboom, J.S., Braden, B.B., **Camp, B.W.**, Holloway, S., Tsang, C.W.S, Kingston, M.L., Grunfeld, I.S., Schaefer, K.R., Teplizky, B., McBeath, M., and Bimonte-Nelson H.A. (2011). Generating new synapses at the annual Arizona State University Brain Fair for Children: teaching that "knowledge is power." *Society for Neuroscience*, Washington, DC, United States.

5. **Camp, B.W.**, Grunfeld, I.S., Engler-Chiurazzi, E. B., Acosta, J.I., Mennenga, S.E., Braden, B.B., Tsang, C.W.S., Kingston, M.L., Hewitt, L.T. Brewer, G.A., Baxter, L.C., McBeath, M.K., and Bimonte-Nelson, H.A. (2011). Walk this way: translating the rodent radial-arm maze to humans.

- *Society for Neuroscience*, Washington, DC, United States.
- *Evelyn F. McKnight Brain Institute Social*, Washington, DC, United States

6. **Camp B.W.**, Villa S, Gerson, J, Bimonte-Nelson, HA. (2010). Androstenedione impairs spatial reference and working memory in middle-aged surgically menopausal rats.

- *Society for Neuroscience, Annual Meeting*, San Diego, CA, United States
- *Arizona Alzheimer's consortium*, Glendale, AZ, United States

7. Bimonte-Nelson, H., **Camp, B.**, Talboom, J., Corneveaux, J., Allen, A., Huentelman, M. (2010). P38 map kinase inhibition improves short term, but impairs long term memory in the aged rodent. *Society for Neuroscience, San Diego, CA, United States*

8. Grunfeld, I.S., **Camp, B.W.**, Engler-Chiurazzi, E. B., Acosta, J.I., Mennenga, S.E., Braden, B. B., Tsang C.W.S., Kingston, M.L., Hewitt, L.T. Brewer, G.A., Baxter, L.C., McBeath, M.K., and Bimonte-Nelson, H.A. (2011). Walk this way: translating the rodent radial-arm maze to humans. *ASU Honor's Thesis Poster Bash, Tempe, AZ, United States*

9. Engler-Chiurazzi, E.B., Mennenga, S.E., Acosta, J.I., Braden, B.B., **Camp, B.W.**, Tsang, C.W.S, Roberts, N.L., Talboom, J.S., McBeath, M., Presson C., Crnic, ., and Bimonte-Nelson H.A. (2012). Generating new synapses at the annual Arizona State University Brain Fair for Children: teaching that "knowledge is power." *Society for Neuroscience*, New Orleans, LA, United States.

10. Bimonte-Nelson, H.A., Roberts, N.L, Engler-Chiurazzi, E.B., Acosta, J.I., Braden, B.B., **Camp, B.W.**, Tsang, C.W.S., Luecken, L., McBeath, M.(2012). Girl Brain Power: Targeting a brain fair to empower and excite elementary-aged girls about science. *Society for Neuroscience*, New Orleans, LA, United States.

11. **Camp B.W.**, Acosta, J.I., Mousa, A.A., Alderete, T.J., Koebele, S.V., Mennenga, S.E., Bmonte-Nelson, H.A. (2012). A methodical evaluation of androstenedione's cognitive effects in young surgically menopausal rats.

- *Society for Neuroscience*, New Orleans, LA, United States.
- *Arizona Alzheimer's consortium*, Phoenix, AZ, United States

12. Mennenga, S.E., Gerson, J.E., Roberts, N.L., Kingston, M.L., Koebele, S.V., Tsang, C.W.S., **Camp, B.W.**, Acosta, J.I., Bimonte-Nelson, H.A. (2012) Evaluating the cognitive effects of ethinyl estradiol, a synthetic estrogen used in oral contraceptives and hormone therapy.

- *Society for Neuroscience*, New Orleans, LA, United States.
- *Arizona Alzheimer's consortium*, Phoenix, AZ, United States