

Baine Burgess Craft

Curriculum Vitae ~ updated 9/2010

Contact Information

Seattle Pacific University
School of Psychology, Family and Community
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Seattle, WA 98119-1997

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Current Position

2005-Present Assistant Professor of Psychology, School of Psychology,
Family and Community, Seattle Pacific University

Education

Bachelor of Science

Psychology, Department of Psychology,
Mississippi College, Clinton, MS
Completed: May 2001

Completed the hours required for a Bachelor of Arts

English, Department of English,
Mississippi College, Clinton, MS
Completed: May 2001

Master of Arts

Psychology: Animal Behavior and Learning, Department of Psychology,
University of Montana, Missoula, MT
Completed: December 2004

Doctor of Philosophy

Psychology: Animal Behavior and Learning, Department of Psychology,
University of Montana, Missoula, MT
Completed: August 2005

- o Graduate Minor: *Clinical Neuropsychology*

Honors and Awards

- Junior Faculty Servant Award, Seattle Pacific University, Spring 2009
- Sigma Xi, The Scientific Research Society, Spring 2005
- Bertha Morton Scholarship for Research, Fall 2004-Spring 2005
University of Montana, Missoula
- Outstanding Presenter Award, Spring 2004 College of Arts and Sciences Annual
Graduate/Faculty Research Conference. Missoula, Montana

- Letter of Commendation for Research and Teaching, Spring 2003 Experimental Faculty, Psychology Department, University of Montana, Missoula, MT
- Travel Award: University of Montana, Missoula, MT, April 2003
- Graduated Cum Laude with High Honors from Mississippi College, Clinton, MS, Spring 2001
- Psi Chi, National Psychology Honors Fraternity
- President's List Scholar, Mississippi College, 2000-2001
- Dean's List Scholar, Mississippi College, 1998-1999
- Who's Who Among American College and Universities, Mississippi College, Spring 2000
- London Semester Program, Mississippi College, Spring 1999

Teaching Experience

Secondary School Instructor

Memorial Comprehensive Secondary School, Mbingo, Cameroon

Courses:

- Math, English Literature, and Biology

Adjunct-Faculty Appointments

Center for Biblical Studies, Bamenda, Cameroon

Course:

- Psychology and Christianity

University of Montana, Missoula, MT

Courses:

- Fundamentals of Learning, Psychology 260
- Psychological Statistics, Psychology 220
- Biological Psychology, Psychology 270

University of Montana-College of Technology, Missoula, MT

Course:

- Introduction to Psychology, Psychology 100

University of Montana, School of Pharmacy, Health Careers Opportunities Program (HCOP), Missoula, MT

Course:

- Statistics

Graduate Teaching Assistantships and Instructor Positions

University of Montana, Missoula, MT

Teaching Assistant:

- Psychological Statistics, Psychology 220

Course Instructor:

- Biological Psychology, Psychology 270
- Introduction to Research Methods, Psychology 120
- Introduction to Psychology, Psychology 100

Assistant Professor of Psychology
Seattle Pacific University, Seattle, WA

Courses:

- Learning and Cognition, Psychology 3885
- Lab in Animal Behavior, Psychology 4101
- Introduction to Psychological Statistics, Psychology 2360
- Advanced Statistics Analysis, Psychology 4428
- Research Methods, Psychology 3588
- University Seminar: Finding Our Hidden Wound, USEM 1000
- Seminar in the Psychology of Choice Behavior, Psychology 4900
- General Psychology 1180
- Cross Cultural Psychology 4410

Current Research

The effects of deprivation on choice in humans and rats. Seattle Pacific University, Seattle, WA.

September 2007 – Present

While various areas in biology, such as behavioral ecology, use energy budgets (i.e., the amount of energy income relative to energy expenditure) to predict behavior, the role of energy budgets have not been considered in most psychological studies. Recent studies in the area of social psychology have indicated the possibility of glucose levels to control shifts in choice bias in humans from impulsive to self-controlled (Gailliot, et al., 2007). Similar observations have been made in nonhuman animals in the area of psychology with other choice experiments involving risk-sensitive choosing, although not in the area of self-control (Caraco, 1980). Given this recent finding in humans and the dearth of studies in nonhuman animals, the proposed studies will seek to further examine and compare the effects of energy budget on self-control and risky choosing across species.

Choice in the aggressive display of male Betta splendens. University of Montana, Psychology Dept., Missoula, MT.

February 2003 – Present

Most foraging studies have utilized food-type reinforcement and focused on the choice biases of small mammalian and avian species. The goal of this study, however, was to investigate choice behavior using the aggressive display of male Siamese fighting fish, *Betta splendens*. By investigating the choice bias associated with perceived differences in aggressive display, current choice theories – commonly used in avian and mammalian species, such as risk-sensitivity – could be generalized to include aquatic species and could be generalized to social-sexual behaviors. The methodology utilized a submerged T-maze to investigate the potential choice bias associated with variable and constant delays to reinforcement (i.e., risk-sensitivity) and varying amounts of reinforcement and delay (i.e., self-control).

Collaborating Researchers: Allen Szalda-Petree, Ph.D., Chris Collins

Reliability generalization of the 29 item Buss-Perry Aggression questionnaire. Seattle Pacific University, Seattle, WA.

August 2006 – Present

The majority of studies evaluating the quantitative properties of the Aggression Questionnaire have focused on item analysis and the factor structure of the Aggression Questionnaire. While this research has led to insights in determining the validity of items on the Aggression Questionnaire and the factor structure of the Aggression Questionnaire, currently, no studies have been conducted to determine the reliability of the Aggression Questionnaire. The purpose of the current study was to conduct a reliability generalization of the Aggression Questionnaire.

Collaborating Researcher: Heide Deditius-Island, Ph.D.

Grants

- 2008-2009 Reconciliation Studies Course Development Grant. Seattle Pacific University \$500 amount funded.
- 2007-2008 Initial and Ongoing Research Grant. School of Psychology, Family, and Community, Seattle Pacific University.
- 2007-2008 Faculty Grant in Vocation and Theology. Lilly SERVE. \$1,500 amount funded.
- 2000 Sigma Xi Local Research Grant. University of Mississippi Medical Center. \$200 amount funded.

Publications

Craft, B. B., Szalda-Petree, A. D., Brenniger, J., & Haddad, N. F. (2007). The effects of discriminative stimuli on choice behavior in male Siamese Fighting Fish (*Betta splendens*). *Perceptual and Motor Skills, 104*, 575-580.

Szalda-Petree, A. D., Craft, B. B., Martin, L. M., & Deditius-Island, H. K. (2004). Self-control in rhesus macaques (*Macaca mulatta*): Controlling for differential stimulus exposure. *Perceptual and Motor Skills, 98*, 141-146.

Craft, B. B., Velkey, A. J. & Szalda-Petree, A. D. (2003). Instrumental conditioning in male Siamese Fighting Fish (*Betta splendens*). *Behavioural Processes, 63*, 171-175.

Manuscripts under Review

Deditius-Island, H. K.; Craft, B. B.; & Collins, C. (under review in Journal of Personality). *Reliability generalization of the of the 29 item Buss-Perry aggression questionnaire.*

Manuscripts in Preparation

Craft, B. B., Carroll, H., & Myr, N. (in preparation). *The effects of deprivation on self-control in humans.*

Szalda-Petree, A. D., Collins, C. & Craft, B. B. (in preparation). *Self-control in the aggressive display of male Siamese Fighting fish: Betta splendens.*

Craft, B. B., **Carroll, H.** & Lustyk, M. K. B. (in preparation). *Exercise and Quality of Life: Assessing the moderating effect of exercise attributions.*

Conference Presentations

Craft, B.B., Deditius-Island, H. K., **Langer, R.;** & **Carroll, H.** (2009, April). *The effects of deprivation on self-control in humans.* Poster Presented at the annual meeting of the Western Psychological Association, Portland, OR.

Craft, B.B.; **Carroll, H.;** **Donovan, J.;** & **Knight, P.** (2009, April). *The effects of past experience on baseline responding in rats.* Poster Presented at the annual meeting of the Western Psychological Association, Portland, OR.

Craft, B.B. (2009, January). *An easy laboratory demonstration using rats: The effects of deprivation on operant responding.* Poster presented at the annual meeting of the National Institute on the Teaching of Psychology, St. Petersburg, Florida.

Craft, B.B. (2009, January). *Why are we doing statistics by hand? Using Excel in your psychological statistics courses.* Participant Idea Exchange presented at the annual meeting of the National Institute on the Teaching of Psychology, St. Petersburg, Florida.

Deditius-Island, H. D., Miyasaki, S., Craft, B. B., & Carter, J.R. (2007, spring). *Reliability generalization of the of the 29 item Buss-Perry aggression questionnaire.* Poster session presented at the annual meeting of the Western Psychological Association, Vancouver, B.C.

Deditius-Island, H. D., Miyasaki, S., Craft, B. B., & Carter, J.R. (2007, spring). *Reliability generalization of the of the 29 item Buss-Perry aggression questionnaire.* Poster session presented at the annual meeting of the Oregon Academy of Science Conference, Western Oregon University, Monmouth, OR.

Craft, B. B., Brenniger, J., & Szalda-Petree, A. D. (2006, spring). *Risk-sensitivity in male Siamese Fighting fish (Betta splendens).* Poster session presented at the annual meeting of the Rocky Mountain Psychological Association.

Craft, B. B., Collins, C., & Szalda-Petree, A. D. (2006, spring). *Self-control in male Siamese Fighting fish (Betta splendens).* Poster session presented at the annual meeting of the Rocky Mountain Psychological Association.

Craft, B. B., Szalda-Petree, A. D., Benes, J., Porter, G. & Thompson, J. (2004, April). *The effects of discriminative stimuli on choice behavior in male Siamese Fighting fish (Betta splendens).* Oral presentation at the annual meeting of the Rocky Mountain Psychological Association, Reno, Nevada.

Craft, B. B., Szalda-Petree, A. D., Benes, J., Porter, G. & Thompson, J. (2004, April). *The effects of discriminative stimuli on choice behavior in male Siamese Fighting fish (Betta splendens).* Oral presentation at the annual meeting of the College of

Arts and Sciences Annual Graduate/Faculty Research Conference, Missoula, Montana.

Ruscitti, C. A., Craft, B. B., & Szalda-Petree, A. D. (2004, April). *Confirmatory factor analysis of the 12 item short form of the Buss-Perry aggression questionnaire*. Poster session presented at the annual meeting of the Rocky Mountain Psychological Association, Reno, Nevada.

Brenniger, J., Wheeler, A. J., Craft, B. B. & Szalda-Petree, A. D. (2004, April). *Self-control in Rattus norvegicus using a wheel-running response*. Poster session presented at the annual meeting of the Rocky Mountain Psychological Association, Reno, Nevada.

Brenniger, J., Wheeler, A. J., Craft, B. B. & Szalda-Petree, A. D. (2004, April). *Self-control in Rattus norvegicus using a wheel-running response*. Poster session presented at the annual meeting of the College of Arts and Sciences Annual Graduate/Faculty Research Conference, Missoula, Montana.

Craft, B. B., Crnich, C., Loendorf, H., McGuire, D. & Caruso, J. (2003, May). *Confirmatory factor analysis of the Buss-Perry aggression questionnaire*. Poster session presented at the annual meeting of the Western Psychological Association, Vancouver, Canada.

Island, H., Szalda-Petree, A., Craft, B., Martin, L. & Wheeler, A. (2002, spring). *Are humans risk-sensitive?* Oral presentation at the annual meeting of the Rocky Mountain Psychological Association, Park City, UT.

Jenkins, M., Barden, J., Mullenax, L., Craft, B. & Velkey, A. (2002, spring). *Aggressive encounters are reinforcing for Siamese Fighting fish (Betta splendens)*. Poster session presented at the annual meeting of the Mid-Atlantic Regional Conference of Undergraduate Scholarship, Sweet Briar College.

Craft, B., Gray, D., Velkey, A., Glavina, K. & Arnder, C. (2001, spring). *Stimulus color affects the strength of conditioned aggressive behavior in Betta splendens*. Oral presentation at the annual meeting of the Southern Society of Philosophy and Psychology, New Orleans, LA.

Craft, B., (2001, spring). *Instrumental conditioning of choice behavior in male Siamese Fighting fish (Betta splendens)*. Poster session presented at the annual meeting of the Southeastern Psychological Association, Atlanta, GA.

Craft, B. (2001, spring). *Classical and instrumental conditioning of aggressive behavior in Betta splendens*. Oral presentation at the annual meeting of the Sigma Xi Grant in Aid of Student Research, Jackson, MS.

Craft, B. (2001, spring). *Instrumental conditioning of choice behavior in male Siamese Fighting fish (Betta splendens)*. Poster session presented at the annual meeting of the Student's Forum for Inquiry and Thought, Clinton, MS.

Colloquia and Invited Lectures

Craft, B. (2009, spring). Choice behavior and addiction: From biology to behavior to cognition. Presented at the University of Washington, Seattle, WA.

Craft, B. (2005, fall). *The effects of discriminative stimuli on choice behavior in male Siamese Fighting fish (Betta splendens)*. Presented to the Psychology Department, University of Montana, Missoula, MT.

Craft, B. (2002, fall). *Imitation: A beneficial foraging strategy for Rhesus monkeys (Macaca mulatto)*. Presented to the Psychology Department, University of Montana, Missoula, MT.

Craft, B. (2002, spring). *Classical and instrumental conditioning of aggressive behavior in male Siamese Fighting fish (Betta splendens)*. Presented to the Psychology Department, University of Montana, Missoula, MT.

Thesis and Dissertation

Craft, B.B. (2004). Risk-Sensitivity in Male Siamese Fighting Fish (*Betta splendens*). (Masters of Arts thesis, University of Montana, 2004).

Craft, B.B. (2006). The Effects of Delay in the Aggressive Display of Male Siamese Fighting Fish: *Betta splendens*. (Doctoral dissertation, University of Montana, 2005). *Dissertation Abstracts International*, 66, 3979

Selected Collaboration with Student Principle Investigators

Donovan, J., Knight, P., Carroll, H., & Craft, B.B. (2008, November). *The effects of past experience on baseline responding in rats*. Poster Presented at the annual meeting of the Undergraduate Research of the Murdock College Science Research Program, Tacoma, Washington.

Myr, N., Barkett, A., Johnston, M., Burnett, K., & Craft, B.B. (2009, May). *The effect of a conditioned stimulus on choice behavior in Rattus rattus*. Poster presented at the annual School of Psychology, Family, and Community research conference, Seattle, Washington.

Abbott, M. T., Holgate, H., Johnson, R., Patterson, J. L., & Craft, B.B. (2009, May). *Contrast Effect and Self-Control with Sugar and Grain Pellets*. Poster presented at the annual School of Psychology, Family, and Community research conference, Seattle, Washington.

Carroll, H.A., Langer, R.M., Craft, B.B., & Island, H.D. (2009, May). *The effects of deprivation on self-control in humans*. Poster presented at the annual School of Psychology, Family, and Community research conference, Seattle, Washington.

Carroll, H. A., Jung, C., Lowell, C., & Craft, B.B. (2009, May). *Relationships between caloric deprivation and risky behavior in human participants*. Poster presented at

the annual School of Psychology, Family, and Community research conference, Seattle, Washington.

Myr, N., Jung, C., Carroll, H., & Craft, B.B. (2009, May). *Shortened version of the metacognitive awareness inventory*. Poster presented at the annual School of Psychology, Family, and Community research conference, Seattle, Washington.

Myr, N., Dehnert, K., Kruse, K., & Craft, B.B. (2009, May). *The effects of cognitive depletion on risky behavior*. Poster presented at the annual School of Psychology, Family, and Community research conference, Seattle, Washington.

Barrett, G. S. & Craft, B.B. (2009, May). *Attitudinal and personality differences between college majors*. Poster presented at the annual School of Psychology, Family, and Community research conference, Seattle, Washington.

Carroll, H. A., Donovan, J., Knight, P., & Craft, B.B. (2009, May). *The effects of past experience on baseline responding in rats*. Poster presented at the annual School of Psychology, Family, and Community research conference, Seattle, Washington.

Carroll, H. A., Donovan, J., Knight, P., & Craft, B.B. (2009, May). *The effects of past experience on baseline responding in rats*. Oral presentation at the annual School of Psychology, Family, and Community research conference, Seattle, Washington.

Donovan, J. A., Carroll, H., Knight, P., & Craft, B.B. (2009, May). *Two fixed interval schedules: Temporal contiguity and reinforcement timing*. Poster presented at the annual School of Psychology, Family, and Community research conference, Seattle, Washington.

Carroll, H., Donovan, J., Knight, P. & Craft, B.B. (2008, November). *The effects of past experience on baseline responding in rats*. Poster Presented at the annual meeting of the Undergraduate Research of the Murdock College Science Research Program, Tacoma, Washington.

Academic and Professional Service

2006-Present Chair of IACUC. Seattle Pacific University, Seattle, WA.

2008-Present Ad Hoc Reviewer, Behavioral Processes

2008 SPRINT Faculty Team Leader

2007-2009 Director of Undergraduate Research, Seattle, WA.

2005 College of Arts and Sciences Annual Graduate/Faculty Research Conference Organizing Committee. University of Montana, Missoula, MT.

2002-2004	Full Faculty Representative Graduate Student Affiliate, University of Montana, Psychology Dept., Missoula, MT.
2002-2003	Experimental Faculty Representative Graduate Student Affiliate, University of Montana, Psychology Dept., Missoula, MT.
2002	Chair of the Student Evaluation Committee, University of Montana, Missoula, MT.
2000-2001	Treasurer, Psi Chi Honors Society, Mississippi College, Psychology Dept., Clinton MS.

Memberships in Professional Societies

2007-Present	American Psychological Association
2006-Present	National Institute for the Teaching of Psychology
2002-Present	Western Psychological Association
2005-Present	Sigma Xi

Volunteer Service

2006-Present	Quest Church and Q-cafe Seattle, WA.
2005-Present	Volunteer Field Administrator at Belo Rural Development Project (BERUDEP).
2002-2005	Campus Ministry Team at 1 st Presbyterian Church Missoula, Montana
2004-2005	Volunteer at the Missoula Food Bank
2002, 2004	Volunteer at the Poverello Center (homeless shelter) Missoula, Montana
2000-2002	Inner-city tutoring program, Civitan International-Mississippi College Clinton, Mississippi

Special Skills

Computer Skills	Proficient with the following applications: SPSS, Power Point, Excel and Word.
Computer Programming	Proficient with Visual Basic 6.0, Turbo C++, and ABET
Animal Care and Use	Experience with humans, rhesus macaques (<i>Macaca mulatta</i>), rats (<i>Rattus norvegicus</i>) and Siamese Fighting fish (<i>Betta splendens</i>)
Laboratory Construction	Experience building and manipulating laboratory equipment (e.g., plexi-glass, metal work, wiring, etc.)