



## Heide Deditius Island, Ph.D.

### *Curriculum Vitae*

#### CONTACT

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<u>Phonetics:</u>	Heide, Dee-Die-Tus, Eye-land	
<u>Pronouns:</u>	She/Her	
<u>Academic Address:</u>	Pacific University College of Arts and Sciences Department of Psychology Forest Grove, OR 97116	Cell Phone: 503-729-2552 Email: <a href="mailto:island@pacificu.edu">island@pacificu.edu</a> Website: <a href="http://www.heideisland.com">www.heideisland.com</a>
<u>Summer Research Address:</u>	<a href="http://www.whidbeyresearch.org">Whidbey Island Research Station</a> 111 Keystone Ave Coupeville, WA 98239 <a href="http://www.whidbeyresearch.org">www.whidbeyresearch.org</a>	
<u>Vaccinations</u>	Moderna NIAID, COVID-19 vaccine, 04/17/21 Secondary shot, 09/03/21; and booster, 11/12/21 Quadrivalent influenza vaccine, 11/12/21	

#### PRIMARY SCHOLARLY INTERESTS

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1. Animal welfare, principally as it pertains to animal rehabilitation, conservation, and wellness in captive contexts.
2. Behavioral ecology, especially related to optimal foraging and choice theory.

#### CURRENT APPOINTMENT AND ACADEMIC AFFILIATIONS

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2017 – Present	Professor, Comparative Animal Behavior and Neuroscience, Department of Psychology. <a href="http://www.pacificu.edu">Pacific University</a> , Forest Grove, Oregon
2017 – Present	Visiting Scientist, <a href="http://www.whidbeycamano.org">Whidbey Camano Land Trust</a> . Greenbank, Washington
2016 – Present	Senior Research Associate, <a href="http://www.oregonzoo.org">Oregon Zoo</a> . Portland, Oregon

#### PREVIOUS ACADEMIC APPOINTMENTS

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2010 – 2017	Associate Professor, Comparative Animal Behavior and Neuroscience, <a href="http://www.pacificu.edu">Department of Psychology, Pacific University</a> , Forest Grove, Oregon
2005 – 2010	Assistant Professor, Comparative Animal Behavior and Neuroscience, <a href="http://www.pacificu.edu">Department of Psychology, Pacific University</a> , Forest Grove, Oregon

2004 – 2005	Assistant Professor, Comparative Animal Behavior and Neuroscience, <a href="#">Department of Psychology and Counseling</a> , University of Arkansas, Conway, Arkansas
2003 – 2004	Assistant Professor, Comparative Animal Behavior and Neuroscience, <a href="#">Department of Psychology, The University of Montana</a> , Missoula, Montana

## EDUCATION

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2003	Ph.D.	Comparative Animal Behavior and Neuroscience, Experimental Psychology Dissertation: <i>Optimal foraging theory and biological predictors of risk-sensitive choice</i> . University of Montana, Department of (Experimental) Psychology, Missoula, Montana
2002	M.A.	Comparative Animal Behavior and Neuroscience. University of Montana, Department of (Experimental) Psychology, Missoula, Montana
2000	B.A.	Behavioral Sciences, University of Alaska Southeast, Juneau, Alaska
1996	B.S.	Zoology, Washington State University, Pullman, Washington.

## FIELD RESEARCH

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2017 – Present	Principal Investigator	Admiralty Bay (Keystone Beach), Coupeville, Washington. North American River Otters' ( <i>Lutra canadensis</i> ) Patch Choice across Lacustrine and Marine Foraging Environments. Permit Granting Organization: Whidbey Camano Land Trust, Greenbank, WA. Conservation Director: <a href="#">Ryan Elting</a> ; Stewardship Director: <a href="#">Kyle Ostermick-Durkee</a>
2017 – Present	Principal Investigator	Otters of Whidbey Island, A Citizen Scientist Reporting Project. North American River Otters' ( <i>Lutra canadensis</i> ) Population Density on Whidbey Island. Permit Granting Organization: Whidbey Camano Land Trust, Greenbank, WA. Conservation Director: <a href="#">Ryan Elting</a> ; Stewardship Director: <a href="#">Kyle Ostermick-Durkee</a>
May – Aug. 2018	Fellow	North American River Otters' ( <i>Lutra canadensis</i> ) Foraging Activity on a private, San Juan Island – Rev.: Extirpation of Blakely Island otter population. Permit Granting Institution: Seattle Pacific University, Seattle, WA. Research Station Director, <a href="#">Tim Nelson</a>

June 1998	Field Assistant	Dungeness Crab ( <i>Metacarcinus magister</i> ) Fecundity and Limb Loss in National Park and Marine Fishery, Glacier Bay. Grant: National Marine Fisheries, Principal Investigator: Dr. Thomas Shirley, University of Alaska Fairbanks, Institute of Marine Sciences, Juneau Campus
1996 – 1997	Research Naturalist	North Pacific Humpback Whale ( <i>Megaptera novaeangliae</i> ) tail fluke identification of migratory returns, calf counts and bull acoustic identification. Supervisors: Dr. Greg Kaufman and Megan Jones, <a href="#">Pacific Whale Foundation</a> , Maui, Hawai'i
June 1998	Field Assistant	Harbor seal ( <i>Phoca Vitulina</i> ) cow-calf scans in Glacier Bay Alaska. Grant: National Marine Fisheries, Principal Investigator: Beth Mathews, M.S., University of Alaska Fairbanks, Institute of Marine Sciences, Juneau Campus

## **ZOO RESEARCH**

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2019 – Present	Principal Investigator	Activity Budgets of a Juvenile and Adult Captive Southern Sea Otter ( <i>Enhydra lutra</i> ). Oregon Zoo, Portland, Oregon. Research Director: Dr. Nadja Wielebnowski. Oregon Zoo, Portland, Oregon
2016 – Present	Principal Investigator	Fostering and Parenting Opportunity as a welfare variable among Captive North American River Otter ( <i>Lontra canadensis</i> ). Oregon Zoo, Portland, Oregon. Research Director: Dr. Nadja Wielebnowski
2014 – 2017	Principal Investigator	Enclosure Utilization, Interaction Quality and Activity Variability among Three Captive Southern Sea Otters ( <i>Enhydra lutra nerensis</i> ). The Oregon Zoo, Portland, OR

## **GRANTS AND AWARDS**

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### Funded Grants

2021	Pacific PRISM Summer Research Grant <a href="#"><i>Comparative Health and Behavior of Captive, Rehabilitated Oregon Zoo and Whidbey Island Marine-Foraging River Otters.</i></a>	\$5,000
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This endowment supported one faculty and two student investigators during summer field research in 2020, Coupeville, WA. It further sustained behavioral observation and comparative hormone assays at the Oregon Zoo from 2020 – 2021, Portland, Oregon and Pacific University, Forest Grove, Oregon. See link above for “[People of Pacific](#),” wherein Aspen Shirley my student researcher was interviewed and published to the university website about her work collaborating on this project.

2018	Nichols Award AY 2018-2019 <i>Teaching Grant: Establishment a field research protocol for Student investigators on Whidbey Island, Washington.</i> Pacific University, Forest Grove, OR	\$1,500
2017	President’s Award for Excellence in Undergraduate Teaching Pacific University, Forest Grove, Oregon	\$500
2017	Faculty Development Grant <i>Field Research: Marine Foraging North American River Otters in the Salish Sea.</i> Pacific University, Forest Grove, Oregon	\$3,000
2017	President’s Award for Excellence in Undergraduate Teaching Pacific University, Forest Grove, Oregon	\$500
2015	Pacific PRISM Summer Research Grant <i>A Behavioral Ethogram of Two Captive Southern sea otters (Enhydra lutris nerensis) and the Introduction of a New Pup at the Oregon Zoo.</i> Pacific University, Forest Grove, Oregon	\$10,220
2015	Elise Elliot Award <i>Behavioral Observation of Captive Southern Sea Otters</i> This endowment supported a behavioral ethogram piloted during the 2014-2015 academic year. Pacific University, Forest Grove, Oregon	\$2,000
2013	Hawthorne Fellowship, The Attic Institute Fellows met twice a month for 5 months to share work and to refine individual creative nonfiction works for publication. Pacific University, Forest Grove, Oregon	n/a
2009	Pacific University Junior Faculty Award In recognition of outstanding early career activity as a teacher and mentor and for significant contributions to the Academy. Pacific University, Forest Grove, Oregon	n/a
2007	Faculty Research Grant Differential Choice Responding Using the Iowa Gambling Task Pacific University, Forest Grove, Oregon	\$1,700

2007	Elise Elliot Grant, Mind and Evolution Lecture Series Differential Choice Responding Using the Iowa Gambling Task Pacific University, Forest Grove, Oregon	\$3,000
2006	Chemistry.com Research Endowment Development of Fisher Temperament Scale Now used commercially on Chemistry.com	\$3,000

## RESEARCH PUBLICATIONS

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ORCID ID: 000-0002-4957-801X

“Heide D. Island” <http://orcid.org/0000-0002-4957-801X>

^Indicates undergraduate authors

### Manuscripts in Preparation

**Island, H. D.** (Anticipated, January 2022). North American River Otters (*Lontra canadensis*) seasonal foraging preferences across lacustrine and marine territories on Whidbey Island, WA. [\*Aquatic Mammals\*](#).

**Island, H.D.**, ^Shirley, S., ^Cunningham, A., & ^Lucey, A. (In Prep). Remote Comparative Research – What can be gleaned from Webcameras in the Pursuit of Captive Animal Wellness? [\*Cyberpsychology: Journal of Psychosocial Research in Cyberspace\*](#)

### Book Chapters

**Island, H.D.**, Animal Research (Accepted, In Press). *IN The SAGE Encyclopedia of Research Design, 2<sup>nd</sup> Edition*. Bruce B Frey, Ed. Thousand Oaks, CA: SAGE/Elsevier Publishers.

**Island, H. D.** (2018). “Netiquette.” In Warf, B. (Ed). *Encyclopedia of the Internet*. Sage Publication. Thousand Oaks, CA. Pp. 674-675.

**Island, H. D.** (2010). Game Theory in Psychology. *IN An Encyclopedia of Research Methods in Psychology*. Neil Salkind, Sage Publication.

### Empirical Publications

**Island, H. D.**, ^Win, E., ^Smith, B., ^Newberry, K., ^Manfredini, J., ^Slyngstad, R., & ^Strack, S. (2021). A Longitudinal Study of Parenting Conditions on Two Adult, North American River Otters (*Lontra canadensis*) Repetitive Behavior. *Journal of Applied Animal Welfare Science*, <https://doi.org/10.1080/10888705.2021.1880906>

^Bird, K.L. & **Island, H.D.**, 2020. Evaluating social inclusion: An adaptable measure for use on college campuses. *International Journal of Undergraduate Research and Creative Activities*, 12(2), pp.1–12. DOI: <http://doi.org/10.7710/2168-0620.0303>

^Migrants, T., ^Kiyokawa, J. M., & **Island, H. D.** (2019). The Relationship Between Attention, Dyslexia, and Convergence Insufficiency. *International Journal of Undergraduate Research and Creative Activities*, 11(1). DOI: <https://doi.org/10.7710/2168-0620.1114>

**Island, H.D.**, ^Wengeler, J., & ^Claussenius-Kalman, H. (2017). The Flehmen Response and Pseudosuckling in a Captive, Juvenile Southern Sea Otter (*Enhydra lutris nereis*), *Zoo Biology*, 36(1), 30–39. DOI: [10.1002/zoo.21346](https://doi.org/10.1002/zoo.21346)

**Island, H. D.** (2016). “OMG! You said what in class?!” Student and professor perceptions of professional etiquette. *Universal Journal of Educational Research*, 4(10), 2477–2482. DOI: [10.13189/ujer.2016.041027](https://doi.org/10.13189/ujer.2016.041027)

Fisher, H. E., **Island, H.D.**, Marchalik, D., Brown, L. (2015). Four broad temperament dimensions: description, convergent validation correlations, and comparison with the Big Five. *Frontiers of Psychology*, 6 (1098), 1–18.

Fisher, H. E., Rich, J., **Island, H. D.**, Marchalik, D. (2010). The second to fourth digit ratio: A measure of two hormonally based temperament dimensions. *Personality and Individual Differences*, 49 (7), 773-777.

Fisher, H.E., **Island, H. D.**, Marchalik, D. & Rich, J. (Oct. 2008). Temperament as a Mechanism for Mate Choice: A hypothesis and pilot study. IN *Evolutionary Family Psychology*. Todd Shackelford and Catherine Salmon, Eds. Oxford University Press. Pp. 275-312.

**Island, H. D.** & Szalda-Petree, A. P. (2007) Sex differences in risk-sensitivity under differing point budgets and predictors of choice. *Journal of General Psychology*, 134, (4), 435 – 452.

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.

**Island, H. D.** & Caruso, J. C. (2002). Reliability Generalization of Zuckerman’s Sensation-Seeking Scale Form V., *Educational and Psychological Measurement*, 62 (4), 728-734.

### Program Evaluation and Empirical Reports

**Island, H. D.** (August 2017). *Department of Psychology Self-Study*. Written for the Assessment Committee and our 2017 External Review, Pacific University, Forest Grove, Oregon.

**Island, H. D.**, ^Smith, M., ^Sabado, J., & ^Knowlton, A., (July 2016). *The Efficacy of Animal-Assisted Activity among Underage Residents of Domestic Violence Shelters – A Summative Program Evaluation of The Little Dog Laughed Animal-Assisted Therapy*. Written for the Board of Directors of TLDL, Raphael House, and Monika’s House, Portland, Oregon.

**Island, H. D.**, ^Klassy, R., ^Smith, M., ^Sabado, J., ^Knowlton, A., & \*Ribera, L. (2015). *Formative Evaluation Report: The Little Dog Laughed Animal-Assisted Activity Efficacy in Improving Life Skills Among Children of Domestic Violence*. Published Report, May 28, 2015.

Provided to the Board of Directors of, The Little Dog Laughed Animal-Assisted Therapy Program, Raphael House, and Monika's House, Portland, Oregon.

## Manuals

**Island, H. D., ^Knowlton, A., & Keast, L. (2016).** *The Little Dog Laughed, Animal Assisted Activity Volunteer Manual*, Pacific University, Department of Psychology, Forest Grove, OR

**Island, H. D., ^Sabbado, A., & Keast, L. (2016).** *The Little Dog Laughed, Animal Assisted Activity Lesson Library*, Pacific University, Department of Psychology, Forest Grove, OR

## **POPULAR MEDIA RESEARCH COVERAGE**

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### **Newspaper Coverage**

*Seattle Weekly*, August 21, 2019. Julia-Grace Sanders. [What can otters tell us about watershed pollution?](#)

*Front Page of The Everett Herald*, August 20, 2019. Julia-Grace Sanders. [What can otters tell us about watershed pollution?](#)

Guido, L. (July 6, 2019). [Professor to discuss study of island's elusive river otters.](#) *Whidbey News Times*.

Guido, L. (July 6, 2019). [Professor to discuss study of island's elusive river otters.](#) *South Whidbey Record*.

Egan D. (May, 2019). Local scientist, Dr. Heide Island researches residential River Otters – How you can become a citizen scientist and support your neighborhood wildlife. *Admirals Cove Times*, Coupeville, Washington.

Dworkin, A. (Feb. 11, 2009). [Looking for Love, Scientists Start with the Brain.](#) *OregonLive, Oregonian*.

Dworkin, A. (Feb. 11, 2009). [Uncommon Scents: What Attracts the Opposite Sex.](#) *OregonLive, Oregonian*.

### **Blog and e-Newsletters**

Current Professional Blog for Citizen Science Field Research: [www.heideisland.com](http://www.heideisland.com)

Newberry, R. (July 31, 2019). [A Professor's Passion, Studying Otter Behavior.](#) *Whidbey Camano Land Trust, e-Newsletter*.

Newberry, R. (July 31, 2019). [A Professor's Passion, Studying Otter Behavior along Land Trust's Crockett Lake.](#) *Whidbey Camano Land Trust, Blog*.

Lang, J. (July 22, 2019). [Pacific University Professor studies how Ecological Conditions Affect Animal Behavior.](#) *Pacific University e-Newsletter*.



## Podcasts

Trotten, John. (December 2016) Between Us: Psychotherapy Podcast with John Totten.  
Episode 7: *Neurochemistry with Dr. Heide Island*

## Television

Feb. – March 2009      CBS 20/20: *Why Him Why Her?*  
Collaborative research was featured through interviews with Dr. Helen Fisher in a six-part series that discusses the personality measure I co-authored and developed for empirical testing online (Chemistry.com). One small segment was filmed on the Pacific University campus demonstrating data collection for the final phase of the study wherein the neurochemistry of the measure is validated.

## RESEARCH PRESENTATIONS (Last 10 years)

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^Indicates undergraduate authors

^Lucey, A., ^Storer, M., & **Island, H. D.**, (October 2020). *Habit or Oral Stereotypy? Suckling Behavior Among Three Captive, Rescued Southern Sea Otters (Enhydra lutra) at the Oregon Zoo.* (ID #406), Western Psychological Association, San Francisco, CA, Hyatt Regency, Webinar.

**Island, H. D.**, ^Smith, B., & ^Win, E. (2018). *Influence of pups on Abnormal Repetitive Behavior among two Captive North American River Otters (Lontra Canadensis).* Western Psychological Association, Portland Oregon, Marriot Waterfront. April 28, 2018

^Ferns, E., ^Vinson, M., & **Island, H. D.** (2018). 'Anything You Can Do I Can Do Bleeding:' *Fluctuations in Attention and Impulsivity Across the Menstrual Cycle.* Western Psychological Association, Portland Oregon, Marriot Waterfront. April 28, 2018

^Bird, K., ^Williams, M. & **Island, H. D.** (2018). *A Formative Evaluation of a Center for Gender and Sexual Equity on a College Campus.* Western Psychological Association, Portland Oregon, Marriot Waterfront. April 27, 2018

^Rankin, R., ^Ortego, T., & **Island, H. D.** (2018). *Piercing Perceptions of Body Modification: Judgements of Occupation, Education and Relationship Status.* Western Psychological Association, Portland Oregon, Marriot Waterfront. April 27, 2018

^Kaur, K., ^Parla, M. & **Island, H. D.** (2017). *Loving them to Death: The Effects of Visitor Variables on Captive Northern River Otter Welfare.* Western Psychological Association, Sacramento, CA, Sheraton Grande. April 28, 2017.

^Stewart, D., ^Ferns, E., ^Koch, J., ^Alanis, S. & **Island, H. D.** (2017). *Seeing Stars, Smelling Salts, and Ringing Ears: Sensory Predictors of Concussion.* Western Psychological Association, Sacramento, CA, Sheraton Grande. April 28, 2017.

^Gray, J. & **Island, H. D.** (2017). *Reading, Writing, Arithmetic...and Etiquette? Employer Dissatisfaction with recent College Graduates Professional Training.* Western Psychological Association, Sacramento, CA, Sheraton Grande. April 28, 2017.



^Ayala, J., ^Lomartire, K., ^Gray, J., & **Island, H. D.** (2016). *Seeing Stars: Concussion in the Performing Arts*. Western Psychological Association, Hyatt Regency, Las Vegas, NV. May 1, 2016.

^Smith, M., ^Sabado, J., ^Knowlton, A., ^Ribera, L., ^Olson, H., & **Island, H. D.** (2016). *Evaluation of Animal-Assisted Activities Among Child Residents of Short-Term Domestic Violence Shelters*. Western Psychological Association, Hyatt Regency, Las Vegas, NV. May 1, 2016.

^Ayala, J., ^Lomartire, K., ^Gray, J., & Island, H. D. (2016). *More than "Flesh and Bone:" Post-Concussive Syndrome among Performing Athletes*. Oregon Academy of Science, Pacific University, Forest Grove, OR. February 27, 2016.

^Smith, M., ^Sabado, J., ^Knowlton, A., ^Ribera, L., ^Olson, H., & Island, H.D. (2016). Benefits of brief bouts of animal-assisted activity in life skills training among child residents of domestic violence shelters. Oregon Academy of Science, Pacific University, Forest Grove, OR. February 27, 2016.

^Wengeler, J., ^Claussenius-Kalman, H., & Island, H. D. (2016). *Suckle and Smell: Abnormal Repetitive Behavior Among Captive Sea Otters*. Oregon Academy of Science, Pacific University, Forest Grove, OR. February 27, 2016.

^Smith, M., ^Sabado, J., ^Knowlton, A., ^Ribera, L., ^Olson, H., & Island, H.D. (2015). *Evaluation of Animal-Assisted Activities Among Child Residents of Short-Term Domestic Violence Shelters*. PRISM Undergraduate Research Conference, Pacific University, Forest Grove, OR, November 24, 2015.

^Claussenius-Kalman, H., ^Wengeler, J., & **Island, H. D.** (2015). *The flehmen response in a captive, southern sea otter*. PRISM Undergraduate Research Conference, Pacific University, Forest Grove, OR, November 24, 2015.

^Wengeler, J., ^Claussenius-Kalman, H., & **Island, H. D.** (2015). *Zoo Visitor Density and Impact: Behavior and Exhibit Use among Three Southern Sea Otters*. Association of Zoos and Aquariums, Salt Lake City Zoo, Salt Lake City, UT, September 19, 2015.

^Smith, M., ^Sabado, J., ^Knowlton, A., ^Ribera, L., ^Olson, H., & **Island, H. D.** (2015). *Evaluation of Animal-Assisted Activities Among Child Residents of Short-Term Domestic Violence Shelters*. American Evaluation Association, Hyatt Regency, Chicago, IL. November 28, 2015.

^Davison, D., ^Engler, L., ^Kanewske, C., ^Markham, C., ^Slusher, M., C., ^Fiegenbaum, A., Keast, L., & **Island, H. D.** (February 22, 2014). *A Modified Program Evaluation to Program Evaluation of Animal-Assisted Therapy and Activity using a Between-Subjects Design*. Oregon Academy of Science, University of Oregon, Eugene, OR.

^Dierick, K., ^Johnson, E., ^Stevens, J., ^Chapman, M., & **Island, H. D.** (April 2014). *Don't Use Your Head: Post-Concussive Syndrome Among College Students*. Oregon Academy of Sciences, Eugene, OR.

^Dierick, K., ^Johnson, E., ^Stevens, J., ^Chapman, M., & **Island, H. D.** (April 2014). *Brain-Whacked: Post-Concussive Syndrome Among College Students*. Western Psychological Association, Portland, OR.

^Engler, L., ^Davison, D., ^Kanewske, C., ^Fiegenbaum, A., ^Markham, Slusher, M., C., Keast, L., & **Island, H. D.** (April 2013). *The Little Dog Laughed, Animal Assisted Therapy: A Program Evaluation*. Western Psychological Association, Portland, OR.

^Johnson, E., ^Dierick, K., ^Chapman, M., ^Stevens, J., ^Laukkanen, H., & **Island, H. D.** (April 2014). *Visual Assessment in the Prediction of Post-Concussive Disorders*. Western Psychological Association, Portland, OR.

^Furutani, D., ^Harris, B., ^Downey, A., & **Island, H.D.** (April, 2014). *Faculty and Student Definitional Disparities of Professional Etiquette*. Oregon Academy of Science, University of Oregon, Eugene, OR.

^Furutani, D., ^Harris, B., ^Downey, A., & **Island, H.D.** (April, 2014). *WTF? Faculty and Students Definitions of Professional Etiquette*. Western Psychological Association, Portland, OR.

^Vaughn, D., ^Penttila, K., & **Island, H.D.** (April, 2014). *Stressed Out to Maxed Out: The Affective Antecedents Risk-Prone Behavior*. Western Psychological Association, Portland, OR.

**Island, H. D.**, Fisher, H. E., Rich, J., Zava, D. & Silver, L. (April 2011). *Concurrent Validity of a New Neurochemistry measure and the NEO FFI*. Western Psychological Association, Los Angeles, CA.

^Dunbar, E. **Island, H. D.** (April 2011). *The Green Sheen: Are Attitudes Predictive of Pro-environmental Behavior?* Western Psychological Association, Los Angeles, CA

^Lindabury, K., **Island, H. D.**, & ^Dunbar, E. (April 2011). *Bringing Inattention to Attention: Measuring Anxiety and Attention*. Western Psychological Association, Los Angeles, CA.

^Carter, L. & **Island, H. D.** (January 2010). *Prosocial contagion: Non-traditional kindness in a traditional world*. 9<sup>th</sup> Annual National Institute for the Study of Transfer Students Conference, Jacksonville, FL.

Craft, B. B., & **Island, H. D.** (April 2011). *Losing Self-Control: Conditions, Contexts, and Personality Variables Predictive of Risky Behavior*. Western Psychological Association, Los Angeles, CA.

Fisher, H. E., Rich, J., **Island, H. D.**, Marchalick, D., Silver, L. (August 2010). *Do We Have Chemistry? Four Primary Temperament Dimensions on Mate Choice*. American Psychological Association Conference, San Diego, CA.

Fisher, H. E., Rich, J., **Island, H. D.**, Marchalick, D., Silver, L. (August 2010). *Four primary temperament dimensions based on neurochemistry*. American Psychological Association Conference, San Diego, CA.

**Island, H. D.**, Craft, B.B., ^Kellejian, A., ^Hale, K., Myri, N., & ^Douglas, H. (August 2010). *Can we manipulate self-control, self-regulation, and risk-sensitivity?* American Psychological Association Conference, San Diego, CA.

Craft, B. B., **Island, H. D.**, Myr, N., Douglas, H., ^Kellejian, A., & ^Haggstrom, K. (August 2010). *The effects of cognitive depletion on risky behavior.* American Psychological Association Conference, San Diego, CA.

^Kellejian, A. & **Island, H.** (November 2010). *The Relationship Between Temperament and Adult Behavior of Nonhuman Primates.* PRISM Conference, Forest Grove, Oregon

^Kellejian, A. & Coleman, K., & **Island, H. D.** (August 2010). *Temperament and Behavior of Nonhuman Primates.* Oregon National Primate Research Center. Portland, OR.

^Blankenship, M. & **Island, H. D.** (Feb. 5, 2010). *Footloose and Fancyfree?* Couples who choose to be childfree. Presented at: The Oregon Academy of Science, Western Oregon University, Monmouth, OR.

^Tran, S. & **Island, H. D.** (Feb. 5, 2010). *Fantasy proneness correlations with multidimensional jealousy.* Presented at: The Oregon Academy of Science, Western Oregon University, Monmouth, OR.

^Bartlett, R., ^Porter, B., & **Island, H. D.** (April 2009). *Candidate Choice in the 2008 Election, Physiological Arousal and Physiological Arousal and Post-Decisional Reactance.* Department of Psychology, Pacific University, Forest Grove, OR. Presented at: Western Psychological Association. Marriot River, Portland, Oregon

^Bishop, A. & **Island, H. D.** (April 2009). *But What Do the Students Think? Rethinking the Amethyst Initiative.* Department of Psychology, Pacific University, Forest Grove, OR Presented at: Western Psychological Association, Marriot on the River, Portland, OR.

^Schwartz, R., ^Lavender, A. & **Island, H. D.** (April 2009). *Psychosocial Predictors of Mate Choice, Sexual Infidelity and Age of Sexual Maturity.* Presented at: Western Psychological Association, Marriot on the River, Portland, OR.

## RECENT INVITED LECTURES

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Island, H. (June 16, 2021). [\*Salish Sea River Otters and Comparative Population Research.\*](#) Camano Wildlife Habitat Project. Remote Webinar.

Island, H.D., (Wednesday, March 24, 2021). [\*How to “See” like an Animal Scientist: Nature as a Learning Laboratory.\*](#) [\*Expanding Your Horizons Conference\*](#) (EYH) is a national conference to encourage girls grades 8 – 12 to explore careers in STEM, Edmonds College, Edmonds, WA.

Island, H.D. (Saturday, February 6, 2021). *Coastal River Otters of the Puget Sound.* [\*Sound Waters Stewards Conference Webinar\*](#), Langley, WA

Island, H.D. (November 20, 2020). *Whidbey Island River Otters: A Model for Captive, Rehabilitated River Otter Behavior at the Oregon Zoo*. [Whidbey Camano Land Trust Webinar](#), Coupeville, WA.

Island, H.D. (Saturday, February 1, 2020). River otter diet, distribution, health, and behavior on Whidbey Island. [Sound Waters Stewards Conference](#). Langley, WA

Island, H.D. (November 20, 2019). *Whidbey Island River Otters, a Comparative Species for Rehabilitated North American River Otters at the Oregon Zoo*. Conservation Hall, The Oregon Zoo. Portland, Oregon.

Island, H.D. (Saturday, August 3, 2019). *Become a Citizen Scientist in Wildlife Behavioral Research, River Otters of Whidbey Island*. Family Outdoor Discovery Day, Fort Casey State Park, WA. An Annual [Sound Water Stewards](#) Event. Talk Sponsor: [Whidbey Environmental Action Network](#).

Island, H. D. (Wednesday, July 17, 2019). *Otters of Whidbey Island*. Coupeville Recreational Center, Whidbey Camano Land Trust, Coupeville, WA.

Island, H. D. (Saturday, June 22, 2019). Marine and Lacustrine Foraging River Otters of Admiralty Bay. Whidbey Camano Land Trust Conservation Partners Presentation, Langley, WA.

Island, H. D. (Sunday, May 26, 2019). *Admiral's Cove North American River Otters (*Lontra canadensis*)*. Admiral's Cove Community Center, Coupeville, WA.

Island, H. D. (October 22, 2018). *Animal Behavior Research: Why have Zoos?* Presented to the Animal Ethics (PHIL. 322) class. Pacific University of Oregon, Forest Grove, OR

#### Fall Convocation Keynote Speaker

Island, H. D. (August 25, 2017). *Utilizing your Liberal Arts Education and Making Friends with Fear*. Pacific University of Oregon, College of Arts and Sciences, Forest Grove, OR

#### Western Psychological Association

Island, H. D. (April 28, 2017). Pedagogical Evaluation in the Liberal Arts. Workshop. Western Psychological Association, Sacramento, CA.

### **UNDERGRADUATE SUPERVISION**

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#### **Senior Capstone Theses** - last 10 years (Declared major)

See "Presentations" for titles, I require thesis students to present at academic, professional conferences (Exception 2020 & 2021 d/t Pandemic thesis students presented to Senior Projects Day Conference and published through *Scholarship Discipulus* – Juried Online Undergraduate Research Forum).

2021	Karen Ara (Psychology), Amanda Cunningham (Psychology), Evangeline Durante (Psychology), Bryanne Lemieux (Psychology), Alexia Lucey (Environmental
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Science/Spanish), Brittany Miller (Psychology/Politics and Government), Aspen Shirley (Psychology), Hannah Thornburg (Psychology)

Ara, K., LeMieux, B., & Cordima, D. (2021). [An Evaluation of Student Attitudes, Awareness, and Knowledge of Resources and Inclusivity within A College Campus.](#) *Scholarship Discipulus*, Vol. 2

Cunningham, A., Lucey, A., & Island, H. D. (2021). [Feasibility of Remote Observation in Behavioral Research.](#) *Scholarship Discipulus*, Vol. 2

Lucey, A., Cunningham, A., & Island, H. D. (2021). [A remote behavioral study of five, female rescued Southern Sea Otters \(\*Enhydra lutris nereis\*\) at the Monterey Bay Aquarium.](#) *Scholarship Discipulus*, Vol. 2

Shirley, A. (2021). [The Effect of Ketamine as a Glutamate Receptor Antagonist in the Treatment of Post-traumatic Stress Disorder.](#) *Scholarship Discipulus*, Vol. 2

Thornburg, H., Durante, V., & Miller, B. (2021). [College Student's Sociopolitical Attitudes, Knowledge, and Behavior Concerning Sustainability and the Environment.](#) *Scholarship Discipulus*, Vol. 2

2020 Kaira Bird (Psychology), Julia Manfredini (Biology), Nellie McAllister (Psychology, Pre-Med), Grace Miller (Psychology), Kristen Newberry (Psychology), Maggie Stevenson (Psychology)

Bird, K. and Island, H. (2020). [A program evaluation of a Center for Gender and Sexual Equity.](#) IRB#1172554-2. **Note:** This poster is a summary of a 2-year project published in the peer-reviewed journal, *International Undergraduate Research and Creative Activities*; *Scholarship Discipulus*, Vol. 1

McAllister, N. (2020). [Stress in the Times of Corona: An Examination of Anxiety Within the Context of a Global Pandemic.](#) *Scholarship Discipulus*, Vol. 1

Miller, G. (2020). [Reciprocal Therapy for Veterans with Post-Traumatic Stress Disorder and Rehabilitated Racehorses.](#) *Scholarship Discipulus*, Vol. 1

Newberry, K., Manfredini, J. (2020). [Parenting Opportunity and Behavioral Wellness in a Rescued, Captive North American River Otter \(\*Lontra canadensis\*\).](#) IACUC Exemption, Reference#1144773-1. **Note:** This presentation was part of a greater project published in the *Journal of Applied Animal Welfare Science* (2021).

Stevenson, M. (2020). [“Don’t Panic!” Panic and Anxiety Mediation through Mindfulness Training in Scuba Instruction.](#) *Scholarship Discipulus*, Vol. 1

2019 Trina Ortego (Psychology); Rebecca Slynghstad (Biology), Sarah Strack (Biology)

2018 Emma Ferns (Psychology); Janie Kiwokawa (Psychology) Tracy Migrants (Pre-Optometry/Psychology); Marissa Williams (Psychology); Emmeline Win (Biology)

- 2017 Jayda Ayala (Psychology); Kendal Berglund (Psychology); Isabel Burbeck (Psychology); Kawita Kaur (Biology); Jeffrey Gray (Psychology); Dakota Stewart (Psychology/ Communication Sciences and Disorders); McCauley Wilson (Psychology)
- 2016 April Knowlton (Psychology); Hannah Olson (Psychology); Lenore Ribera (Psychology); Jhoevhana Sabado (Psychology); Michelle Smith (Psychology)
- 2015 Julia Wengeler (Psychology); Dakota Davison (Psychology), Monica Slusher (Psychology); Megan Chapman (Pre-Optometry/Psychology); Kristin Dierick (Psychology/Communication Sciences and Disorders); Emily Johnson (Psychology); Jenna Stevens (Psychology/Biology)
- 2014 Austin Downey (Psychology); Devin Furutani (Psychology); Lorient Engler (Psychology/Special Education); Abigail Feigenbaum (Psychology); Bryce Harris (Psychology)
- 2012 Olivia Buscho (Psychology); Gustavo Morales (Psychology); Jessica Nanry (Psychology); Ryan Terao (Psychology); Cristina Wilson (Psychology)
- 2011 Matthew Blankenship (Psychology); Elizabeth Carter (Psychology); Esther Dunbar (Psychology); Aaron Kellejan (Psychology); Ryan Lee (Psychology); Katie Lindabury (Psychology)
- 2010 Jon-Paul Navia (Psychology); Stella Tran (Psychology)
- 2009 Ross Bartlett (Psychology); Ashley Bishop (Psychology); Nicolle Brossard (Psychology); Audra Lavender (Psychology); Brandon Porter (Psychology/Exercise Science); Rochelle Schwartz (Psychology)

#### Internship Supervision

- 2018 Ferns, Emma Oregon Health Sciences University, Behavioral Sciences Student Laboratory Research Internship, Supervisor, Dr. Joel Nigg: *Anxiety, dysattention and post-synaptic activity across the cerebral cortex*
- 2018- 2019 Rankin, Rowan Washington County Juvenile Department Intern Mentor Program
- 2016 Ayala, Jayda – Doctors without Borders, Student Internship Program: *Medical Psychosocial Support in Rwanda*
- 2010 Kellejian, Aaron – Oregon National Primate Research Center: *Attachment and Social Bonding among Rhesus Macaques*. Asst. Internship, Dr. Chris Coleman
- 2007 – 2009 Lyons, Kensey – Oregon Zoo, Undergraduate Student Intern, Dr. Karen Lewis
- 2007 Tamashiro, Tamara Marine Life Park (Honolulu, HI), Animal Husbandry Student Internship Program

### Recent Mentored Student Awards

2017 Best Social Sciences Student Poster, Brook Smith and Mimi Win, *Influence of pups on Abnormal Repetitive Behavior among two Captive North American River Otters (Lontra Canadensis)*. Pacific Research Institute for Science and Mathematics (PRISM)

### Undergraduate Academic Advising

Numbers reflect the largest number of advisees in a given semester across academic years

2021 – 2022	23 advisees
2020 – 2021	24 advisees
2019 – 2020	22 advisees
2018 – 2019	Sabbatical
2017 – 2018	24 advisees
2016 – 2017	31 advisees
2015 – 2016	30 advisees
2014– 2015	25 advisees
2013 –2014	26 advisees
2012–2013	22 advisees
2011 –2012	27 advisees
2010–2011	23 advisees

## **COURSE INSTRUCTION**

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### **Pacific University Department of Psychology Course Rotation**

#### 2022 Psychology Major Revision - Present

BIOPSY I: Behavioral Neuroscience + Laboratory (PSY 252)  
BIOPSY II: Sensation and Perception + Laboratory (PSY 352)  
BIOPSY III: Comparative Behavioral Endocrinology (PSY 452)  
Behavioral Research Methods and Statistics (PSY 300/301)  
Comparative Animal Behavior (PSY 324)  
Undergraduate Directed Research (PSY 351)  
Drugs, Behavior, and the Environment (PSY 420)  
Senior Thesis (PSY 490/499; 451; 382/482)

### **Pacific University Department of Psychology Courses Taught**

#### 2005 – 2022

Introductory Psychology (PSY 150)  
Comparative Learning and Behavior (PSY 225)



Comparative Animal Behavior (PSY 324)

Mind, Theory, and Method (PSY 248)

BIOPSY I: Behavioral Neuroscience + Laboratory (PSY 252)

BIOPSY II: Sensation and Perception + Laboratory (PSY 352)

BIOPSY III: Behavioral Endocrinology (PSY 452)

Behavioral Research Methods with Lab (PSY 348/349)

Behavioral Statistics (PSY 350)

Undergraduate Directed Research (PSY 351)

Drugs, Behavior, and the Environment (PSY 420)

Senior Thesis (PSY 490/499/451)

## **ACADEMIC SERVICE**

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### Pacific University Committees/Appointments

2020 – Present	College of Arts and Sciences, Curriculum Committee Chair/Member
2019 – 2020	College of Arts and Sciences Curriculum Committee Member
2013 – 2018	Department of Psychology Chair
2012 – 2014	College of Arts and Sciences Faculty Chair
2012 – 2014	College of Arts and Sciences Steering Committee Chair
2012 – 2014	University Council, Committee Member
2012 – 2018	College of Arts and Sciences, Graduation Marshall
2010 – 2011	Pacific Institute Grant Reviewer
2007 – 2010	University Technology Committee, Secretary
2007 – 2009	College of Arts and Sciences Academic Standards Committee
2006 – 2007	Student Judicial Council

### Pacific University Student Community Service

2005 – 2012	Psi Chi National Honors Society, Faculty Chair
2005 – 2012	Psychology Club, Faculty Chair
2005 – 2011	Behavioral Biology Lecture Series, Chair and Organizer

### Pacific University Search Committees

2014 – 2015	Integrative Biology Assistant Professor Position
2010 – 2011	Mathematics Assistant Professor Position
2009 – 2010	Developmental Psychology Assistant Professor Position
2009 – 2010	Clinical Psychology Assistant Professor Position
2006 – 2007	Inorganic Chemistry Assistant Professor Position
2006 – 2007	School of Professional Psychology, Neuropsychologist Assistant Professor

### **PROFESSIONAL SERVICE**

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2017 – 2018	Western Psychological Association, Co-Chair
2016 – 2018	Western Psychological Association, Representative
2016 – 2018	The Little Dog Laughed, Animal-Assisted Therapy Program, Consultant
2005 – 2016	Oregon Academy of Sciences, Psychology Co-Chair

#### Editor

2005 – 2016	Oregon Academy of Sciences, Proceedings Editor
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#### Reviewer

2015 – 2016	Measurement and Evaluation
2009 – 2011	Evolution and Human Behavior
2009 – 2010	Association for Women in Science

### **COMMUNITY SERVICE**

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2022	Newberg Veterinary Hospital, Volunteer Newberg, OR
2018 – Present	Whidbey Camano Land Trust, Visiting Scientist Greenbank, WA
2018 – Present	Whidbey Environmental Action Network, Board Member Box 53, Langley WA 98260, President, Gary Piazann
2018 – Present	Admirals Cove, Lake Committee Member Coupeville, WA

2015 – 2018	Oregon Wild, Volunteer Advocate Portland, Oregon
2014 – 2017	The Little Dog Laughed, Animal Assisted Therapy, Program Evaluator

## CONSULTING

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2018– Present	Non-invasive River Otter “Pest” Management
	1. Michael and Susan Brice, Coupeville, WA
	2. Susan Carpenter, Langley, WA
	3. Al Lunemann, Coupeville, WA
	4. Jeanine and Kris Granstrom, Coupeville, WA
	5. Jim Dobberfuhr, Sandy Hook, Clinton, WA
	6. Bill Viertel, Coupeville, WA

## REFEREED CREATIVE PROJECTS

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### Creative Nonfiction Publications

Island, H. (December, 2013). Robust Roast. *The Boulevard*, Vol. 13,  
<http://atticinstitute.com/node/1812>

Island, H. (November, 2013). Speaking French in Panama. *The Boulevard*, Vol. 12,  
<http://atticinstitute.com/node/1784>

Island, H. (October, 2013). When in Panama, Don’t Kiss the Girls. *The Boulevard*, Vol. 11,  
<http://atticinstitute.com/node/1759>

Island, H. (September, 2013). American Gothic. *The Boulevard*, Vol. 10,  
<http://atticinstitute.com/node/1745>

Island, H. (July, 2013). I Ate My Children. *The Boulevard*, Vol. 9,  
<http://atticinstitute.com/node/1691>

Island, H. (June 2013). Freezing Swimmers. *The Boulevard*, Vol. 8,  
<http://atticinstitute.com/node/1646>

### Art Exhibits - Oil Painting

January 15, 2015	“Hemingway in Love” – Oil on canvas, <i>Falcon Studios Art Walk</i>
June 5, 2013	“Bruce” – Oil on canvas, <i>Falcon Studios Art Walk</i>

### Photography

February 2019	Photograph: North American River Otters Nonprofit Media Contribution to Whale Research Center, Langley WA
April 2019	Photograph: North American River Otter and Starry Flounder, Nonprofit Media contribution to Whidbey Camano Land Trust, Greenbank, WA

## PROFESSIONAL MEMBERSHIPS

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2010 – Present	APA Division 6: <i>Society for Behavioral Neuroscience and Comparative Psychology</i>
2005 – Present	Western Psychological Association
2005 – Present	Oregon Academy of Science

## FORMAL TRAINING

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SCUBA Research Diving	Advanced SCUBA (NAUI, 1988; 2019), Specialty Diver Naturalist (PADI, 1995), Specialty Diver (PADI, 1995)
Computer Software	Website design; Visual Basic programming; Electrophysiological competency (e.g., Biopac); Qualtrics/Survey Monkey; Iowa Gambling Software; Statistical assessment competency (SPSS)
Psychological Assessment	Neuropsychological Halstead-Reitan battery; Stroop; Paced Auditory Serial Addition Test
Animal Behavior Software	JTrain, Kaleidiscopes
Psychometric Development	Chemistry.com personality measure; Animal-Assisted Therapy Assessment; Personal development; general survey construction

## REFERENCES

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### Employment

[Dr. Stacey Halpern, Professor of Ecology](#)  
[Pacific University](#), Department of Biology  
2043 College Way, Forest Grove, OR 97116  
Email: shalpern@pacificu.edu

[Dr. Jaye Cee Whitehead, Associate Dean of the College of Arts and Sciences](#)  
[Pacific University](#), Department of Psychology  
2043 College Way, Forest Grove, OR 97116  
Email: whitehead@pacificu.edu

[Dr. Todd Schultz, Professor of Psychology](#)  
[Pacific University](#), Department of Psychology  
2043 College Way, Forest Grove, OR 97116

Email: schultzt@pacificu.edu

**Service**

[Nadja Wielebnowski, Ph.D., Director of Zoo Research](#)

(Phonetics: Nad-yah Veel-Eb-Now-Skee)

[Oregon Zoo](#)

4001 Southwest Canyon Rd., Portland, OR 97221

Email: Nadja.Wielebnowski@oregonzoo.org

Patricia Powell, Executive Director

[Whidbey Camano Land Trust](#)

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