

# Nicole R. Dorey

## Personal Information

Office: Psychology Department University of Florida Gainesville, Florida 32611  
Email: Ndorey@ufl.edu

## Education

10/04 – 01/09

### **Ph.D. in Psychology specializing in Animal Behavior**

University of Exeter | Devon, England

Mentoring Professor: Stephen E.G. Lea Ph.D.

08/01 – 08/04

### **M.S. in Behavior Analysis with minor in Biology**

University of North Texas | Texas, United States

Mentoring Professor: Jesus Rosales-Ruiz Ph.D.

08/95 – 05/00

### **B.S. in Psychology & Zoology**

University of Florida | Florida, United States

## Teaching Experience

08/10 – Present

### **Lecturer- Senior Lecturer | University of Florida**

Animal Cognition (PSY 4812); Comparative Psychology (CHB 3003)\*; Research Methods (PSY 3213L); General Psychology (PSY 2012)\*, Introduction to Teaching in Psychology (PSY 4940), Communicating Psychological Science (PSY 3220); Principles of Behavior Analysis (PSY 3002), Seminar: The Teaching of Psychology (PSY 6939)

\*indicates taught online and as brick and mortar

01/09 – 04/10

### **Visiting Assistant Professor | University of Florida**

Animal Cognition (PSY 4812); Comparative Psychology (CHB 3003); Research Methods (PSY 3213L); Communicating Psychological Science (PSY 3220); Principles of Behavior Analysis (PSY 3002)

06/09 – 12/09

### **Adjunct Professor | Santa Fe College**

General Psychology (PSY 2012)

08/08 – 12/08

### **Adjunct Professor | Santa Fe College**

General Psychology (PSY 2012)

08/06 – 05/07

### **Teaching Fellow | University of Exeter**

Ethological Methods (PSYM102); Domestic Animal Behavior (PSYM103); Bird Behavior (PSYM102); Animal Cognition (PSYM127)

## Publications

\* Undergraduate I supervised

\*\* Undergraduate I co-supervised

\*\*\* Graduate students I supervised

2018

Fernand, J.\*\*\*, Amanieh, H.\*, Cox, D.J.\*\*\*, & Dorey, N.R. (2018) Any reward will do: Effects of a reversed-reward Contingency on Size Preference with pet dogs. *Learning and Behavior* 46 (4), 472-478.  
<https://doi.org/10.3758/s13420-018-0343-0>

Dorey, N.R. & Cox, D.J.\*\*\* (2018) Function matters: A review of terminological differences in applied and basic clicker training research. *PeerJ*, doi: 10.7717/peerj.5621

- 2017
- Perez, B.\*\* , Mehrkam, L.R.\*\*\*, Foltz, A., & **Dorey, N.R.** (2017) Assessment of environmental enrichment on the behavioral welfare of a Pantropical spotted dolphin. *Journal of Applied Animal Behavior Science*, 21(2), 130-140. doi: 10.1080/10888705.2017.138316.
- Alligood, C., **Dorey, N.R.**, Mehrkam, L.R. , & Leighty, K. (2017). Applying behavior-analytic methodology to the science and practice of environmental enrichment in zoos and aquariums. *Zoo Biology*, 36 (3), 175-185. doi: <http://doi.org/10.1002/zoo.21368>
- 2015
- Mehrkam, L. R.\*\*\*, and **Dorey, N. R.** (2015). Preference assessments in the zoo: Keeper and staff predictions of enrichment preferences across species. *Zoo Biology*, 34(5), 418–430. doi: <http://doi.org/10.1002/zoo.21227>
- Dorey, N. R.**, Mehrkam, L. R.\*\*\*, & Tacey, J. (2015). A method to assess relative preference for training and environmental enrichment in captive wolves (*Canis lupus* and *Canis lupus arctos*). *Zoo Biology*, 34(6), 513–517. doi: <http://doi.org/10.1002/zoo.21239>
- 2014
- Mehrkam, L.R.\*\*\* and **Dorey, N.R.** (2014). Is preference a predictor of enrichment efficacy in Galapagos tortoises (*Chelonoidis nigra*)? *Zoo Biology* 33, 275-284.
- Dorey, N.R.**, Conover, A.M.\* & Udell, M.A.R. (2014). Interspecific Communication from people to horses (*Equus ferus caballus*) Is influenced by different horsemanship training styles. *Journal of Comparative psychology*, 128(4), 337-342.
- Udell, M. A. R., Ewald, M.\*\* , **Dorey, N. R.**, & Wynne, C. D. L. (2014). Exploring breed differences in dogs (*Canis lupus familiaris*): Does exaggeration or inhibition of predatory response predict performance on human-guided tasks? *Animal Behaviour*, 89, 99-105.
- 2013
- Udell, M., Hall, N. J.\*\* , Morrison, J\*\*., **Dorey, N. R.** & Wynne, C. D. L. (2013). Point Topography and Within-Session Learning Are Important Predictors of Pet Dogs' (*Canis lupus familiaris*) Performance on Human Guided Tasks. *Argentinean Journal of Behavioral Sciences (RACC)*, 5, 3–20.
- 2012
- Dorey, N. R.**, Tobias, J.S.\*\*\*, Udell, M. A. R., & Wynne, C. D. L. (2012). Decreasing Dog Problem Behavior With Functional Analysis: Linking diagnoses to treatment. *Journal of Veterinary Behavior*, 7, 276-282.  
\*\*\*Veterinarian student I supervised
- Udell, M. A. R., Spencer, J. M., **Dorey, N. R.**, & Wynne, C. D. L. (2012). Human-socialized wolves follow diverse human gestures...And they may not be alone. *International Journal of Comparative Psychology*, 25, 97-117.
- Udell, M. A. R., **Dorey, N. R.**, & Wynne, C. D. L. (2012). *Inter species social learning in dogs: The inextricable roles of phylogeny and ontogeny*. In T. Zentall & E. Wasserman (Eds.) *Comparative Cognition* (2nd Ed.) Oxford Univ. Press. NY.
- 2011
- Hall, N. J.\*\* , Udell, M. A. R., **Dorey, N. R.**, Walsh, A. L., & Wynne, C. D. L. (2011). Megachiropteran bats display human-like socio-cognitive abilities. *Journal of Comparative Psychology*, 125, 341-346.
- Udell, M. A. R., **Dorey, N. R.**, & Wynne, C. D. L. (2011). Can your dog read your mind? Understanding the causes of canine perspective taking. *Learning & Behavior*, 39, 289-302.
- 2010
- Wynne, C. D. L., **Dorey, N.R.**, & Udell, M. A. R. (2010). The other side of the bond: Domestic dogs' human-like behaviors. In McCardle, P., McCune, S., Ahmadu, F., Griffin, J., and Hurley, K. (Eds). *Directions in Human-Animal Interaction Research: Child Development*,

*Health and Therapeutic Interventions*. Washington, DC, American Psychological Association.

Udell, M.A.R., **Dorey, N.R.**, & Wynne, C.D.L. (2010). What did domestication do to dogs? A new account of dogs' sensitivity to human actions. *Biological Reviews*, 85: 327-345.

Udell, M.A.R., **Dorey, N.R.**, & Wynne, C.D.L. (2010). The performance of stray dogs (*Canis lupus familiaris*) living in a shelter on human guided object-choice tasks. *Animal Behaviour*. 79, 717-725.

**Dorey, N.R.**, Udell, M.A.R., & Wynne, C.D.L. (2010). When do dogs start to understand human pointing? The role of ontogeny in the development of inter-species communication. *Animal Behavior*, 79, 37-41.

2009

**Dorey, N.R.**, Rosales-Ruiz, J., Smith, R., & Lovelace, B. (2009). A functional analysis of self injurious behavior in an olive baboon. *Journal of Applied Behavior Analysis*, 42, 785-794.

**Dorey, N.R.**, Udell, M.A.R., & Wynne, C.D.L. (2009). Breed differences in dogs' sensitivity to human points: A meta-analysis. *Behavioural Processes*, 81, 400-415.

2008

Udell, M.A.R., **Dorey, N.R.**, & Wynne, C.D.L. (2008). Wolves outperform dogs in following human social cues. *Animal Behavior*, 76, 1767-1773.

2004

Fernandez, E.J., **Dorey, N.R.**, & Rosales-Ruiz, J. (2004). Preference Assessment with Cotton-Top Tamarins. *Journal of Applied Animal Welfare Science*, 7 (3), 163-169

## **Media and Awards**

2016-2017 Faculty Advising/Mentoring Award for College of Liberal Arts and Sciences at the University of Florida.

2016-2017 Committee chosen nominee for the Faculty Advising/Mentoring Award to represent the college in the university award.

2015 Leste-Lasserre (January 15, 2016) Can Horses Follow Humans' Pointing Gestures? *The Horse* [online]. Available at: <http://www.thehorse.com/articles/36988/can-horses-follow-humans-pointing-gestures>

2014 Eddie (November 20, 2015) Captive male tortious claimer for women's touch. Florida Research and Education network [online]. Available at: <http://www.flrnet.org/?p=6108>

Viegas, J. (November 20, 2014) Captive male tortious claimer for women's touch. *Discovery News* [online]. Available at: <http://news.discovery.com/animals/endangered-species/captive-male-tortoises-clamor-for-womans-touch-141120.htm>

2011 Best paper of the year in the journal of Learning and Behavior (2011) Awarded by the Psychonomic Society

Staff (June 9, 2011) Canine connection: Study explores how dogs think and learn about human behavior. *Science Daily* [online]. Available at: <http://www.sciencedaily.com/releases/2011/06/110609084808.htm>

Black, D. (June 14, 2011) New study answers the question 'Can your dog read your mind?' *Toronto Star*.

702 talk Radio (June 20, 2011) Radio interview about "Can your dog read your mind" study

2009 Viegas, J. (2009, November 13). Age when dogs understand human pointing determined. *Discovery News* [online]. Available at: <http://news.discovery.com/animals/age-when-dogs-understand-human-pointing-determined.html>

- 2008 Callaway, E. (September 29, 2008). Wolves make dog's dinner out of domestication theory. New Scientist [online]. Available at: [http://www.newscientist.com/channel/life/dn14798-wolves-make-dogs-dinner-out-of-domestication-theory-.html?feedId=online-news\\_rss20](http://www.newscientist.com/channel/life/dn14798-wolves-make-dogs-dinner-out-of-domestication-theory-.html?feedId=online-news_rss20)
- Discovery Kid's Mystery Hunters (December 12, 2008)  
Other worldly Animals Season 4 Episode 12

### Invited talks

- 2018 **Dorey, N.R.** (April, 2018) | Jacksonville Zoological Gardens, Jacksonville, FL.  
Applied behavior analysis in zoos.
- Dorey, N.R.** (March, 2018) | Disney Animal Kingdom, Orlando, FL.  
Does the size of the reward matter? Dog's don't think so.
- 2015 Mehrkam, L.R. and **Dorey, N.R.** (Aug. 2015) | AAZ Chapter Meeting, Gainesville, FL.  
Canine Cognition and Behavior Research at the University of Florida.
- Mehrkam, L.R. and **Dorey, N.R.** (Oct. 2015) | Santa Fe College, Gainesville, FL.  
Behavioral Research at the Santa Fe College Teaching Zoo.
- Dorey, N.R.** and Mehrkam, L.R. (March 2015) | Sea World, Orlando, FL.  
Using Behavioral Research to Examine Human Interaction, Enrichment and Training in Captive Animals.
- 2010 **Dorey, N.R.** (Oct. 2010) | Association of Pet Dog Trainers, Atlanta, GA.  
What can behavioral science do for dog trainers?
- Dorey, N.R.** (Sept. 2010) | Association of Gainesville Dog Trainers, Gainesville, FL.  
What can behavioral science do for dog trainers?
- 2008 **Dorey, N.R.** (May, 2008) | Jacksonville Zoological Gardens, FL.  
How to conduct and publish research in a zoo setting.
- 2007 **Dorey, N.R.** Melfi, V., and Moody J. (Jan. 2007). | Animal Behavior Management Alliance, Miami, FL.  
How to conduct research in a zoo setting.
- 2004 **Dorey, N.R.** and Rosales-Ruiz, J. (March, 2004) | Karen Pryor's Clicker Expo, Philadelphia, PA.  
Citizen science: Do your own clicker research.
- Rosales-Ruiz, J. and **Dorey, N.R.** (March, 2004) | Karen Pryor's Clicker Expo, Philadelphia, PA  
Clicking problem horses and other clicker research.
- 2003 **Dorey, N.R.** and Rosales-Ruiz, J. (November, 2003) | Karen Pryor's Clicker Expo, Chicago, IL.  
Citizen science: Do your own clicker research.
- Rosales-Ruiz, J. and **Dorey, N.R.** (November, 2003) | Karen Pryor's Clicker Expo, Chicago, IL.  
Clicking problem horses and other clicker research.
- 2002 **Dorey, N.R.** and Fernandez, E.J. (June, 2002) | Greater Houston Search Dog Society, Houston, TX.  
Basics of Behavior Analysis and how to relate it to you're training.

### Chaired Symposiums

- 2004 **Association for Behavior Analysis Conference | Boston, MA**  
Behavioral research at the zoo: How behavioral and environmental manipulations can be used to promote captive animal welfare. (May, 2004)
- 2003 **Association for Behavior Analysis Conference | San Francisco, CA.**

Tails from the zoo: Some relevant variables to target training. (May, 2003)

**Regional Conference on Behavior Analysis | Dallas, TX.**

Learning outside the Skinner box: New developments in clicker technology. (March, 2003)

2002

**Association for Behavior Analysis Conference | Toronto, Ontario (Canada).**

Behavior Analysis Gone Wild: Behavioral Enrichment and Animal Behavior Assessments. (May, 2002)

**Other Experience**

2014- present

Editor | **Frontiers: Animal Behavior and Welfare in Veterinary Science**

Ad hoc Journal Reviewer | **Behavior Analysis Research and Practice**

Ad hoc Journal Reviewer | **Journal of Applied Animal Welfare Science**

Ad hoc Journal Reviewer | **Animals**

Ad hoc Journal Reviewer | **Journal of Comparative Psychology**

Ad hoc Journal Reviewer | **Journal of Veterinary Medicine**

Ad hoc Journal Reviewer | **Ethology**

Ad hoc Journal Reviewer | **Behaviour**

Ad hoc Journal Reviewer | **Behavioral Processes**

Ad hoc Journal Reviewer | **Animal Cognition**

Ad hoc Journal Reviewer | **Journal of Applied Behavior Analysis**

2008 – 2011

Board of Directors Member | **Animal Behavior Management Alliance**

2008 – 2009

Graduate Committee Member | **Gardner, Raquel (M.S. Thesis) - George Mason University**

2005 – 2011

Proceedings Committee Chair | **Animal Behavior Management Alliance**