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## DR. NATHANIEL J. HALL

Assistant Professor,  
Animal & Food Science

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*Canine olfaction is a poorly understood but widely leveraged **detection tool** that requires systematic and **collaborative research** to understand and enhance.*

### RESEARCH EXPERTISE

- Olfaction
- Animal behavior and welfare
- Psychophysics and Behavioral Psychology
- Detection and National Security
- Animal training and behavior
- Sensation and Perception

### PROFESSIONAL PREPARATION

- B.S. University of Florida, 2010
- M.S. University of Florida, 2012
- Ph.D. University of Florida, 2015

### FAVORITE ARTICLE

Aviles-Rosa, E. O., Gellegos, S. F., Prada-Tiedemann, Hall, N. J. (2021). An automated canine line-up for detection dog research. *Frontiers of Veterinary Science*, 8(775381). <https://doi.org/10.3389/fvets.2021.775381>

### WHAT MAKES THE DAVIS COLLEGE GREAT?

The students are the key asset to the college. The hardworking and dedicated nature of our students is main engine to the Canine Olfaction Research and Education Lab. The college also has unique facilities and a "can do" attitude. That allows our program to grow by figuring out how to do innovative work, not whether it can be done, which makes a big difference for innovation.