Coltan G. Parker

PhD Candidate, Neuroscience Program
University of Illinois at Urbana-Champaign (UIUC), Urbana, Illinois, USA.

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CURRICULUM VITAE

EDUCATION

In Progress	**Ph.D. in Neuroscience**
	University of Illinois at Urbana-Champaign, Urbana, Illinois.
2016	**B.A. in Neuroscience**
	Awarded with Honors. Knox College, Galesburg, Illinois.

PUBLICATIONS

In Prep	Ramp, J., **Parker, C.G.,** Rhodes, J.S. & Malik, P. Barriers to inclusion: service dog handlers in science education.
In Review	**Parker, C.G.** & Cheung, E.J. Metabolic control of teleost reproduction by cortisol and leptin. *General and Comparative Endocrinology*
2020	**Parker, C.G.,** Dailey, M.J., Phillips, H. & Davis, E.A. (2020). Central sensory-motor crosstalk in the neural gut-brain axis. *Autonomic Neuroscience: Basic and Clinical, 225,* 102656.
2019	Dodd, L.D., Nowak, E., Lange, D., **Parker, C.G.,** DeAngelis, R., Gonzalez, J.A. & Rhodes, J.S. (2019). Active feminization of the preoptic area occurs independently of the gonads in *Amphiprion ocellaris*. *Hormones and Behavior, 112*, 65-76.

FINANCIAL AWARDS

2015	$1000 Undergraduate Research Grant, Richter Memorial Fund, Knox College.
2015	$3000 Undergraduate Research Fellowship, ASSET Program, Knox College.

TEACHING

… in a primary instructor role

2019 – 2020   Behavioral Neuroscience Lab (PSYC 311), University of Illinois.

2014 – 2015   Cell Biology and Physiology Lab (BIO 120), Knox College.

2014   Molecular Biology and Genetics Lab (BIO 130), Knox College.

… other relevant experience

2017 – 2020   Lab Instructor, Science Education Outreach Program to the Champaign County Juvenile Detention Center.

2014 – 2016   Peer Tutor in Neuroscience and Biology, Knox College Center for Teaching and Learning.

TALKS

2019   "Active feminization of the preoptic area independent of the gonads in *Amphiprion ocellaris*". North American Society for Comparative Endocrinology Conference, Gainesville, FL.

2018   "Sensory-autonomic circuitry of the gut-brain axis". Neuroscience Program Seminar, University of Illinois, Urbana, IL.

2017   "Central origins of intestinal autonomic innervation". Neuroscience Program Seminar, University of Illinois, Urbana, IL.

POSTERS

2019   "Active feminization of the preoptic area occurs independently of the gonads in *Amphiprion ocellaris*". Society for Neuroscience Chicago Chapter Conference, Chicago, IL.

2018   "Transsynaptic tracing of sensory-motor connections to the small intestine". Experimental Biology Conference, San Diego, CA.

2018   "Sensory-autonomic circuitry of the gut-brain axis". Neuroscience Program Open House, University of Illinois, Urbana, IL.

2016   "Priming amygdalar endocannabinoid signaling for enhanced extinction". Horizons Conference, Knox College, Galesburg, IL.

POPULAR PRESS

2019   **Parker, C.G.** (2019, May 23). How the college does (and doesn't) fail us: response to discourse piece "Letter from a recent grad". *The Knox Student*.

2014   **Parker, C.G.** (2014, May 29). Interacting with perception: the pseudoscience of hypnosis. *The Knox Student*.

MEDIA APPEARANCES

2019	**Interviewed in**: Quinn, L. D. (2019, Oct 21). Science on the inside: how neuroscience graduate students are bringing science education to youth behind bars. *Storied: University of Illinois Stories*.
2016	**Interviewed in**: Staff. (2016, March 6). Parker tests exercise, emotion in rats. *The Knox Student*.

SERVICE

2017 – 2020	Presenter, Brain Awareness Day Community Education Day
2019 – 2020	Presenter, Beckman Institute Community Open House
2018	Mentor, NSF Summer REU Program for Community College Students
2017	Oral Session Moderator & Judge, Illinois Summer Research Symposium
2017	Poster Session Judge, Illinois Undergraduate Research Symposium
2015 – 2016	Co-Chair, Honor Board, Knox College

HONORS

2019	Golden Key Honor Society Inductee
2019	Phi Kappa Phi Honor Society Inductee
2015	Nu Rho Sci National Neuroscience Honor Society Inductee
2015	Psi Chi International Psychology Honor Society Inductee
2011	Eagle Scout, Boy Scouts of America