

Forrest Dylan Rogers, Ph.D.

fr1510@princeton.edu

EDUCATION

Ph.D. , University of California, Davis, Biological Psychology, Minor in Quantitative Psychology	12/2020
M.A. , University of California, Davis, Biological Psychology	09/2017
B.S. , Oklahoma State University, Biological Science, College & Departmental Honors	05/2015
B.A. , Oklahoma State University, French	05/2015
Certificat de Langue Française (CEFR B1.2), Cours de Civilisation Française de la Sorbonne	07/2014

POSITIONS AND TRAINING

Postdoctoral Research Fellow Princeton Neuroscience Institute & Department of Molecular Biology Princeton University, Princeton, NJ Advisors: Catherine J. Peña, Ph.D. & Ricardo Mallarino, Ph.D.	01/2021 – Present
PhD Candidate , Laboratory for Comparative Neurobiology of Monogamy Department of Psychology, University of California, Davis Advisor: Karen L. Bales, Ph.D. Dissertation: <i>Variation in Early Social Networks: Consequences for Offspring Biobehavioral Development in the Prairie Vole (Microtus ochrogaster)</i>	09/2015 – 12/2020
Graduate Student Affiliate , Emotions, Health, and Psychophysiology Lab Department of Psychiatry, University of California, San Francisco Advisor: Wendy Berry Mendes, Ph.D.	01/2018 – 12/2020
Wentz Research Scholar , Honors Thesis, Psychobiology Lab Department of Psychology, Oklahoma State University Advisor: Jennifer Byrd-Craven, Ph.D.	01/2014 – 05/2015
Niblack Research Scholar , Integrative Ethology Lab Department of Zoology, Oklahoma State University Advisor: Alexander G. Ophir, Ph.D. (now at Cornell University)	09/2011 – 09/2013

FUNDING

F32 F32HD110180 Postdoctoral National Research Service Award, NIH/NICHHD “Neurobiology of Paternal Care”	11/2023 – Present
T32 5T32MH020006 Institutional National Research Service Award, NIH/NIMH Predoctoral Training Consortium in Affective Science (UC Berkeley, UC Davis, UCSF, Stanford)	07/2017 – 06/2019

AWARDS

New Investigator Award, Society for Behavioral Neuroendocrinology	2023
Trainee Professional Development Award, Society for Neuroscience (\$1000)	2022
Cold Spring Harbor High Throughput Neuroanatomy Course Scholarship (\$1250)	2022
Best Poster Award, Princeton Neuroscience Institute Annual Retreat	2022
Department of Psychology Supplemental Summer Fellowship, UCD (\$3000)	2020
Graduate Student Talk Competition Winner, UC Davis Psychology Conference (\$150)	2019
Department of Psychology Summer Research Fellowship, UCD (\$6000)	2019
Psychology Professional Development Travel Fellowship, UCD (\$500)	2017
Dukes Fund Travel Award, UCD (\$300)	2017
Department of Psychology Summer Research Fellowship, UCD (\$2500)	2016

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Best Overall Wentz Presentation, Undergraduate Research Symposium, OSU (\$1000)	2015
John Schweitzer Memorial Award, Foreign Languages & Literatures, OSU (\$600)	2015
Wentz Research Scholarship, Lew Wentz Foundation, OSU (\$4500)	2014
Bailey Family Memorial Trust Study Abroad Grant, OSU (\$6890)	2014
Frances Lee & Charles Dutreau Scholarship, Foreign Languages & Literatures, OSU (\$1,000)	2014
Reusen-Berghmans Memorial Award, Foreign Languages & Literatures, OSU (\$750)	2014
Provost Study Abroad Scholarship, OSU (\$500)	2014
Research Scholarship, Office of Scholar Development, OSU (\$500)	2014
Book Collecting Essay Contest, Office of Scholar Development, OSU (\$1,000)	2014
Rebecca F. Going Scholarship, College of Arts & Sciences, OSU (\$1,500)	2014
Niblack Research Scholarship, Office of the Vice President of Research, OSU (\$10,100)	2012
N. Fleming Emerging Leader Award, OSU (\$1,000)	2012
Alumni Scholarship, College of Arts & Sciences, OSU (\$1,000)	2012
Integris Medical Cowboys Scholarship, OSU (\$10,000)	2011
Academic Excellence Award, OSU (\$10,000)	2011
Freshman Research Scholarship, Office of Scholar Development, OSU (\$1,000)	2011
President's Leadership Council Scholarship, OSU (\$1,500)	2011
Kansas D'Adario Music Scholarship, OSU (\$1,000)	2011

ADDITIONAL HONORS

Top Ten Senior, College of Arts & Sciences, Oklahoma State University	2015
Outstanding Junior Award, College of Arts & Sciences, Oklahoma State University	2014
Phi Kappa Phi, Academic Honor Society, Member	2013

PUBLISHED MANUSCRIPTS

- Bennett, S.N., Chang, A.B., **Rogers, F.D.**, Jones, P., Peña, C.J. (2024). Thyroid hormones mediate the impact of early-life stress on ventral tegmental area gene expression and behavior. *Hormones and Behavior*. <https://doi.org/10.1016/j.yhbeh.2023.105472>
- Balouek, J.A., McLain, C.A., Minerva, A.R., Rashford, R.L., Bennett, S.N., **Rogers, F.D.**, Peña, C.J. (2023). Reactivation of Early-Life Stress-Sensitive Neuronal Ensembles Contributes to Lifelong Stress Hypersensitivity. *Journal of Neuroscience*. <https://doi.org/10.1523/JNEUROSCI.0016-23.2023>
- Rogers, F.D.**, Peña, C.J., & Mallarino, R. (2023). African striped mice (*Rhabdomys pumilio*) as a neurobehavioral model for male parental care. *Hormones and Behavior*. <https://doi.org/10.1016/j.yhbeh.2023.105364>
- Berendzen, K., Sharma, R., Mandujano, M., Wei, Y., **Rogers, F.**, Simmons, T., Seelke, A., Bond, J., Larios, R., Sherman, M., Parthasarathy, S., Espineda, I., Beery, A., Knoedler, J., Bales, K., Shah, N., Manoli, D. (2023). Oxytocin receptor is not required for social attachment in prairie voles. *Neuron*. <https://doi.org/10.1016/j.neuron.2022.12.011>
- Rogers, F.D.**, & Bales, K.L. (2022). Introduction to the Special Issue on Affective Science in Animals: Toward a greater understanding of animals' affective lives. *Affective Science*. <https://doi.org/10.1007/s42761-022-00168-9>
- Zablocki-Thomas, P.B., **Rogers, F.D.**, & Bales, K.L. (2022). Neuroimaging of human and non-human animal emotion and affect in the context of social relationships. *Frontiers in Behavioral Neuroscience* 16. <https://doi.org/10.3389/fnbeh.2022.994504>
- Bales, K.L., & **Rogers, F.D.** (2022). Interactions between the μ opioid system and oxytocin in partner loss. *Philosophical Transactions of the Royal Society B* 377: 20210061. <https://doi.org/10.1098/rstb.2021.0061>
- Rogers, F.D.**, Freeman, S.M., Anderson, M., Palumbo, M.C., & Bales, K.L. (2021). Compositional variation in early life parenting structures alters oxytocin and vasopressin 1a receptor development in prairie voles (*Microtus ochrogaster*). *Journal of Neuroendocrinology* 33 (8), e13001. <https://doi.org/10.1111/jne.13001>

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- Rogers, F.D.**, Bales, K.L. (2020). Revisiting paternal absence: Female alloparental replacement of fathers recovers partner preference formation in female, but not male *prairie voles* (*Microtus ochrogaster*). *Developmental Psychobiology* 62: 573– 590. <https://doi.org/10.1002/dev.21943>
- Rogers, F.D.**, & Bales, K.L. (2019). Mothers, Fathers, and Others: Neural Substrates of Parental Care. *Trends in Neurosciences* 42(8): 552 – 562. <https://doi.org/10.1016/j.tins.2019.05.008>
- Bales, K.L., Witzcak, L., Simmons, T.C., Savidge, L.R., Rothwell, E.S., **Rogers, F.D.**, Manning, R., Heise, M.J., Englund, M., & Arias del Razo, R. (2018). Social Touch During Development: Long-Term Effects on Brain and Behavior. *Neuroscience and Biobehavioral Reviews*. <https://doi.org/10.1016/j.neubiorev.2018.09.019>
- Rogers, F.D.**, Rhemtulla, M.T., Ferrer, E., Bales, K.L. (2018). Longitudinal Trajectories and Inter-Parental Dynamics of Prairie Vole Biparental Care. *Frontiers in Ecology and Evolution: Behavioral and Evolutionary Ecology* 6(73). DOI=10.3389/fevo.2018.00073
- Bales, K.L., Arias del Razo, R., Conklin, Q.A., Hartman, S., Mayer, H.S., **Rogers, F.D.**, Simmons, T.C., Smith, L.K., Williams, A., Williams, D.R., Witzcak, L.R., & Wright, E.C. (2017). Titi monkeys as a novel non-human primate model for the neurobiology of pair-bonding. *Yale Journal of Biology and Medicine* 90(3): 373 - 387.

INVITED TALKS

- Rogers, F.D. (6 July 2023). Departmental Seminar, Institut Pluridisciplinaire Hubert Curien, Département d'Ecologie Physiologie et Ethologie, Strasbourg, France.
- Rogers, F.D. (14 Oct 2022). Understanding the causes and consequences of male parenting. Special Topics in Mechanisms of Social Behavior Seminar, Department of Psychology, Cornell University.

CONFERENCE TALKS & POSTER PRESENTATIONS

Talks

- Rogers, F.D.** (27 Jun 2023). Fathers of all stripes: The neural basis of paternal care in African striped mice. New Investigator Symposium, Society for Behavioral Neuroendocrinology, Tours, France.
- Rogers, F.D.**, Scott, A.M., Freeman, S.M., Seelke, A.M.H., Allen, N., Bales, K.L., and Foley, J. (2021). Comparative characterization of reproductive behaviors and neuroendocrine correlates in endangered Amargosa voles (*Microtus californicus scirpensis*). Vole Meeting, Society for Vole Research. Remote.
- Rogers, F.D.**, Karnilowicz, H.R., Dileo, R., & Mendes, W.B. (2020). *Thematic Flash Talk*: Preliminary Exposition of a Dyadic Study on Parent-Daughter Socio-Affective Relationships. Society for Affective Science. San Francisco, California, USA. (*Conference Cancelled re: COVID-19*)
- Rogers, F.D.**, & Bales, K.L. (2019). Are Fathers Important for Falling in Love? Insights from the Socially Monogamous Prairie Vole. Graduate Student Talk Competition: UC Davis Psychology Conference. Davis, California, USA. *Awarded 1st Place / Talk Competition*
- Rogers, F.D.**, & Bales, K.L. (2019). *Thematic Flash Talk*: Are Fathers Important for Falling in Love? Insights from the Socially Monogamous Prairie Vole. Society for Affective Science. Boston, Massachusetts, USA.

Selected Posters

- Rogers, F.D.**, Kasper, A., Wang, S., Mallarino, R., & Peña, C.J. (2022). Neural basis of male parenting in the African striped mouse (*Rhabdomys pumilio*). Society for Neuroscience. San Diego, CA, USA.
- Rogers, F.D.**, Wang, S., Mallarino, R., Peña, C.J. (2022). Male parental behavior and neural correlates in the African striped mouse. Society for Behavioral Neuroendocrinology. Atlanta, GA, USA.
- Rogers, F.D.**, Wang, S., Mallarino, R., Peña, C.J. (2022). Male parental behavior and neural correlates in the African striped mouse. Princeton Neuroscience Institute Annual Retreat. *Won best poster award.

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- Rogers, F.D.**, Freeman, S.M., Anderson, M., Palumbo, M.C., & Bales, K.L. (2021). Compositional variation in early life parenting structures alters oxytocin and vasopressin 1a receptor development in prairie voles (*Microtus ochrogaster*). Society for Behavioral Neuroendocrinology. Remote Conference due to COVID-19.
- Rogers, F.D.**, Scott, A.M., Allan, N., Palumbo, M.C., Freeman, S.M., Bales, K.L., & Foley, J. (2019). Characterization and Neuroendocrine Correlates of Mating and Parental Behavior in the Endangered Amargosa Vole (*Microtus californicus scirpensis*). Society for Behavioral Neuroendocrinology. Bloomington, IN, USA.
- Rogers, F.D.**, & Bales, K.L. (2018). Effects of Family Unit Composition on Offspring Bio-Behavioral Development in the Prairie Vole (*Microtus ochrogaster*). Parental Brain. Toronto, ON, Canada.
- Rogers, F.D.**, & Bales, K.L. (2017). An Application of Structural Equation Modeling for the Analysis of Parental Behavior in the Prairie Vole (*Microtus ochrogaster*). Society for Behavioral Neuroendocrinology. Long Beach, CA, USA.
- Rogers, F.D.**, & Bales, K.L. (2016). Father or Sister: Paternal Absence and Alloparental Substitution in the Prairie Vole. Society for Behavioral Neuroendocrinology. Montreal, QC, Canada.

PEDAGOGY

Associate Instructor:

Psychology of Emotion (PSC154) Summer II 2020

Co-Instructor:

Hormones & Behavior (NPB152/PSC123) Spring 2019

Teaching Assistant:

Social & Personality Development (HDE102/PSC142) Fall 2020

Psychology of Emotion (PSC154) Winter 2020

Hormones & Behavior (NPB152/PSC123) Spring & Summer I 2017; Spring 2020

Statistical Analysis of Psychological Data (PSC103A) Winter 2017

Social and Personality Development (PSC142) Fall 2016

Abnormal Psychology (PSC168) Summer Session I 2016

Behavioral Genetics & Epigenetics (PSC125) Winter & Spring 2016

METHODS & BIOINFORMATICS TRAINING

High Throughput Neuroanatomy Course, Cold Spring Harbor Laboratory. Oct. 16 – 25, 2022

Bioinformatics for RNA-Seq Workshop, UC Davis Bioinformatics Core Aug. 19 – 23, 2019

ADVANCED QUANTITATIVE METHODS TRAINING

Multilevel Modeling (Shelley Blozis, UC Davis) 2019

Longitudinal Data Analysis (Emilio Ferrer, UC Davis) 2017

Structural Equation Modeling (Mijke Rhemtulla, UC Davis) 2016

CURRENT PROFESSIONAL MEMBERSHIPS

Society for Neuroscience (SfN) 2022 – Present

Society for Behavioral Neuroendocrinology (SBN) 2016 – Present

SERVICE

Guest Editor:

Affective Science: Special Issue on Animal Models in Affective Science (Volume 3, issue 4, December 2022)

Ad hoc Reviewer:

American Journal of Primatology, Animal Behaviour, Hormones & Behavior, Integrative and Comparative Biology, Neuropharmacology, Psychoneuroendocrinology, Scientific Reports

Departmental & Graduate Group (University of California, Davis):

Department of Psychology Executive Committee: Graduate Student Representative (2016-17)

Psychology Graduate Student Association: President (2016-17); Representative (2015-16)

Graduate Student Association: Representative for Psychology Graduate Group (2015-16)

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Undergraduate (Oklahoma State University):

College of Arts & Sciences Student Council: President (2014-15); Vice-President (2013-14); Activities/Awards Chair (2012-13).

Oklahoma YMCA Youth in Government: State Board of Directors (2011-14)

Academic Integrity Hearing Panel: Panel Chair (2014); Undergraduate Representative (2013)

College of Arts & Sciences Curriculum Committee: Undergraduate Representative (2013-14)

College of Arts & Sciences Policy/Planning Committee: Undergraduate Representative (2012-13)