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POSITIONS

Wesleyan University Department of Psychology	Visiting Assistant Professor	2021 – Present
Springer Nature Group <i>Nature Reviews Psychology</i>	Associate Editor	2021
Sacred Heart University Department of Psychology	Visiting Assistant Professor	2019 – 2020
University of Colorado, Colorado Springs Department of Psychology	Instructor	2017 – 2019
University of Colorado, Colorado Springs Department of Psychology, Bachelor of Innovation Program	Lecturer	2014 – 2017
Princeton University Princeton Neuroscience Institute	Postdoctoral Research Associate Advisor: Jonathan D. Cohen	2006 – 2013

EDUCATION

Baylor College of Medicine	Ph.D. in Neuroscience Advisor: P. Read Montague	2001 – 2006
Vanderbilt University	B.E. in Biomedical Engineering	1997 – 2001

PUBLICATIONS

Tomlin, D., Otto, M., Robotti, M., Rybak, K., & Young, J. (*in preparation*) Ingroup favoritism and personality in a resource allocation task.

Tomlin, D. (2021) Consensus decision making: performance of heuristics and mental models. *Evolution and Human Behavior*, 42(4), 316-330.

Tomlin, D., Nedic, A., Prentice, D.A., Holmes, P., & Cohen., J.D. (2017). The integration of social influence and reward: computational modeling and neural evidence. *Cognitive, Affective, & Behavioral Neuroscience*, 17(4), 784-808.

Rand, D.G., **Tomlin, D.**, Bear, A., Ludvig, E.A., & Cohen, J.D. (2017). Cyclical population dynamics of automatic versus controlled processing: an evolutionary pendulum. *Psychological Review*, 124(5), 626-642.

Tomlin, D. (2015). Rational constraints and the evolution of fairness in the Ultimatum Game. *PLoS One* 10(7): e0134636.

- Tomlin, D.**, Rand, D.G., Ludvig, E.A., & Cohen, J.D. (2015). The evolution and devolution of cognitive control: the costs of deliberation in a competitive world. *Scientific Reports* 5: 11002.
- Tomlin, D.**, Nedic, A., Prentice, D.A., Holmes, P., & Cohen, J.D. (2013). The neural substrates of social influence on decision making. *PLoS One*, 8(1): e52630.
- Nedic, A., **Tomlin, D.**, Holmes, P., Prentice, D.A., & Cohen, J.D. (2012). A decision task in a social context: human experiments, models, and analyses of behavioral data. *Proceedings of the IEEE, 100*: 713-733.
- Woodruff, C., Vu, L., Morgansen, K.A., & **Tomlin, D.** (2012). Deterministic modeling and evaluation of decision-making dynamics in sequential two-alternative forced choice tasks. *Proceedings of the IEEE, 100*: 734-750.
- Stewart, A., Cao, M., Nedic, A., **Tomlin, D.**, & Leonard, N.E. (2012). Towards human-robot teams: model-based analysis of human decision making in two-alternative choice tasks with social feedback. *Proceedings of the IEEE, 100*: 751-775.
- Woodruff, C., Morgansen, K.A., Vu L., & **Tomlin, D.** (2010). Modeling and evaluation of decision-making dynamics in sequential two-alternative forced choice tasks. *49th IEEE Conference on Decision and Control, 2010*: 3802-3807.
- Nedic, A., **Tomlin, D.**, Holmes, P., Prentice, D.A., & Cohen, J.D. (2008). A simple decision task in a social context: experiments, a model, and preliminary analyses of behavioral data. *47th IEEE Conference on Decision and Control, 2008*: 1115-1120.
- Chiu, P.H., Kayali, M.A., Kishida, K.T., **Tomlin, D.**, Klinger, L.G., Klinger, M.R., & Montague, P.R. (2008). Self responses along cingulate cortex reveal quantitative neural phenotype for high-functioning autism. *Neuron*, 57(3): 463-473.
- Tomlin, D.**, Kayali, M.A., King-Casas, B., Anen, C., Camerer, C.F., Quartz, S.R., & Montague, P.R. (2006). Agent-specific responses in cingulate cortex during economic exchanges. *Science*, 312(5776): 1047-1050.
- King-Casas, B., **Tomlin, D.**, Anen, C., Camerer, C.F., Quartz, S.R., & Montague, P.R. (2005). Getting to know you: reputation and trust in a two person economic exchange. *Science*, 308(5718): 78-83.
- McClure, S.M., Li, J., **Tomlin, D.**, Cypert, K.S., Montague, L.M., & Montague, P.R. (2004). Neural correlates of behavioral preference for culturally familiar drinks. *Neuron*, 44(2): 379-387.

TEACHING

Wesleyan University	Research Methods in Cognition (Undergraduate – On Campus)	Spring 2023 & 2024 Fall 2023
	Foundations of Contemporary Psychology (Undergraduate – On Campus)	Fall 2021, 2022 & 2023 Spring 2024
	Seminar in Social Neuroscience (Undergraduate – On Campus)	Spring 2023
	Psychology of Decision-Making (Undergraduate – On Campus)	Spring 2022

Sacred Heart University	Brain and Behavior (Undergraduate – Hybrid and Online)	Fall 2019, Spring 2020
	Introduction to Psychology (Undergraduate – On Campus)	Fall 2019, Spring 2020
	Drug Use & Abuse (Undergraduate – Online)	Spring 2020 & 2021 Fall 2020
	Psychology Capstone: Research (Undergraduate – On Campus)	Spring 2020
University of Colorado, Colorado Springs	Research Methods (Undergraduate – On Campus)	Spring 2019
	General Psychology Undergraduate – Online & On Campus)	Fall 2017 – Spring 2019
	Introduction to Biopsychology (Undergraduate – On Campus)	Fall 2016 & 2017 Spring 2015 – 2018
	Psychology of Drugs and Behavior (Undergraduate - Online)	Fall 2015, 2017, 2018 Spring 2017 – 2019
	Innovation Teams (Undergraduate – On Campus)	Fall 2015 & 2016 Spring 2017
	The Innovation Process (Undergraduate – On Campus)	Spring 2016
	Introduction to Psychological Statistics (Undergraduate; Substitute Faculty for 3 weeks)	Spring 2015
	Theories of Personality (Undergraduate – On Campus)	Fall 2014
University of Denver (Adjunct)	Cognitive Neuroscience (Graduate – On Campus)	Fall 2014
Princeton University	Introduction to Cognitive Neuroscience (Undergraduate; Discussion Sections)	Spring 2013
Baylor College of Medicine	Statistical Computing and Modeling (Graduate – On Campus)	Winter 2008

SELECTED POSTER SESSIONS

Otto, M, Robotti, M, Rybak, K, Young, J, **Tomlin, D** (2020)
Resource allocation in a social decision-making task
Sacred Heart University Academic Festival, Fairfield, CT
Winner: Dean’s Prize for the College of Arts and Sciences
Winner: Provost’s Prize

Schneebeck, A, **Tomlin, D** (2018)

Investigating the relationship between mortality salience and the uncanny valley
Colorado Springs Undergraduate Research Forum, Colorado Springs, CO

Tomlin, D, Nedic, A, Wilson, RC, Holmes, P, Cohen, JD (2012)

Group foraging task reveals separable influences of individual experience and social information
Society for Neuroscience, New Orleans, LA

Tomlin, D, Nedic, A, Prentice, DA, Holmes, P, Cohen, JD (2010)

Group foraging task reveals neural substrates of social influence
Society for Neuroscience, San Diego, CA

Tomlin, D, Hughes, JA, Luka, J, Chakwin, EM, Nedic, A, Holmes, P, Montague, PR, Cohen, JD (2008)

Neural responses to social feedback during group decision making
Society for Neuroscience, Washington, D.C.

Tomlin, D, King-Casas, B, Anen, C, Quartz, SR, Montague, PR (2005)

Exchange task reveals differential neural responses across social context and gender
Society for Neuroeconomics, Kiawah Island, SC

Tomlin, D, Anen, C, King-Casas, B, Camerer, CF, Quartz, SR, Montague, PR (2004)

Exchange game reveals 'own' and 'other' responses along human cingulate cortex
Society for Neuroeconomics, Kiawah Island, SC

SELECTED TALKS

Rational constraints and the evolution of fairness in the ultimatum game (2016)

University of Colorado Colorado Springs, Department of Economics

Functional imaging and the neural substrates of social influence on decision making (2016)

University of Colorado Colorado Springs, Guest Lecture in PSY 6120: Neuroscience

Social influence and the human brain (2015)

Psychological Society of the Pikes Peak Region

Behavioral and neural responses during group foraging tasks (2014)

University of Denver, Neuroscience Research Group

Behavioral and neural responses during group foraging tasks (2014)

University of Colorado Colorado Springs, Department of Psychology Colloquium Series

Group foraging task reveals neural substrates of social conformity (2014)

Social and Affective Neuroscience Society

Behavioral and neural responses in group foraging tasks (2013)

University of Colorado at Boulder, Cognitive and Affective Neuroscience Lab Meeting

Group foraging task reveals separable influences of individual experience and social information (2012)

Princeton University, Neuroscience of Social Decision Making Lecture Series

Reward-based decision making in groups: Social influence and its neural substrates (2011)

Rutgers University, Meeting on Learning in Game Theoretic Settings

Group decision-making: social influence and its neural substrates (2010)

Princeton University, Neuroscience of Social Decision Making Lecture Series

Group decision making: Behavioral and imaging results (2010)
Baylor College of Medicine, Human Neuroimaging Laboratory

Neural and behavioral responses to social feedback during group decision-making (2009)
Princeton University, Neuroscience of Social Decision Making Lecture Series

Reward-based decision making under social interaction (2008)
New York University, Department of Psychology

Neural responses and behavior in an economic trust game (2007)
Princeton University, Neuroscience of Social Decision Making Lecture Series

Cross cingulate PCA reveals agent-specific map during iterated social exchange (2006)
California Institute of Technology, Department of Economics

Exchange task reveals differential neural responses across social context and gender (2006)
Econometric Society

Getting to know you: reputation and trust in a two person economic exchange (2004)
Neural Information Processing Systems

ADVISING & MENTORSHIP

Undergraduate Adviser, Department of Psychology, *Wesleyan University* 2023 – Present

Research Adviser, Psychology Capstone, *Sacred Heart University* Spring 2020

Academic Festival Winner: Dean's Prize for the College of Arts and Sciences

Academic Festival Winner: Provost's Prize

Undergraduate Adviser, Department of Psychology, *Sacred Heart University* Spring 2020

Alekhandra Schneebeck, Senior thesis, *University of Colorado Colorado Springs* 2017 – 2018

Sarah Getz, Ph.D. student, *Princeton University* 2008 – 2013

Tatiana Lau, undergraduate, *Princeton University* 2008 – 2009

REVIEWING

Journal of Neuroscience

Social Cognitive and Affective Neuroscience

Proceedings of the National Academy of Sciences USA

Journal of the Royal Society Interface

Proceedings of the IEEE

Journal of Neuroscience, Psychology, and Economics

Neuron

NeuroImage

Neuropsychologia

Scientific Reports

Journal of Experimental Social Psychology

Psychological Science

SERVICE

Honors Thesis Committee (2022; Student: Lilley Gallagher), *Wesleyan University*

Editorial Board Member (2016 – 2021), Neuroscience Division, *Scientific Reports*

Psychology Website Committee (2019 – 2020), *Sacred Heart University*

Honors Thesis Committee (2018; Student: Bethany Lundy), *University of Colorado Colorado Springs*

Honors Thesis Committee (2018; Student: Rhiannon Nevinczenko), *University of Colorado Colorado Springs*

Communications Chair (2015 – 2017), *Psychological Society of the Pikes Peak Region*

Honors Thesis Committee (2016; Student: Vanessa Obetz), *University of Colorado Colorado Springs*

CERTIFICATIONS

Teaching Online Certificate Program, *University of Colorado Colorado Springs*