

Scott Koenig

DOCTORAL STUDENT · WRITER · TEACHER

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Education

Ph.D. in Behavioral and Cognitive Neuroscience (in progress)

THE GRADUATE CENTER, CITY UNIVERSITY OF NEW YORK (CUNY)

- *Dissertation topic:* The role of emotion in moral decision-making
- *Advisor:* Dr. Yu Gao

New York, NY

Aug. 2017 - Present

B.S. *cum laude* in Neuroscience with Spanish minor

OHIO STATE UNIVERSITY

Columbus, OH

Aug. 2012 - May 2016

Research Experience

Graduate Researcher

BROOKLYN COLLEGE (CUNY) PSYCHOLOGY DEPT.

- Design and execute experiments to investigate, via psychophysiological signals such as electrodermal activity (EDA) and heart rate variability (HRV), the role of emotion in moral decision-making
- Administer a multifaceted longitudinal study to investigate antisocial traits in children and adolescents
- Train undergraduate and graduate research assistants on psychophysiological data collection and analysis and mentor them on individual research projects

Brooklyn, NY

Aug. 2017 - Present

Research Assistant

CINCINNATI CHILDREN'S HOSPITAL MEDICAL CENTER, RICHARD LU'S LABORATORY

- Evaluated grant proposals and edited and advised on colleagues' oral presentations
- Conducted an independent literature review and co-authored a manuscript on the role of CHD8 in autism etiology and oligodendrocyte development
- Processed and imaged brain tissue using the SWITCH protocol to observe protein and blood vessel distribution in developing brains

Cincinnati, OH

Jun. 2016 - Sep. 2016

Undergraduate Researcher

OHIO STATE UNIVERSITY NEUROSCIENCE DEPT., BRANDON TURNER'S LABORATORY

- Conducted an independent literature review and co-authored a manuscript on the computational modeling of multisensory integration and decision-making

Columbus, OH

Jan. 2015 - May 2016

Undergraduate Researcher

OHIO STATE UNIVERSITY PSYCHOLOGY DEPT., DANIEL STRUNK'S LABORATORY

- Analyzed patient-therapist relationships in cognitive behavioral therapy sessions

Columbus, OH

Jan. 2013 - May 2013

Writing

Freelance Science Writer

SELF-EMPLOYED

- Write public-facing articles and blog posts on how research in psychology and neuroscience connects to culture and politics (see scott-koenig.com/articles)
- Co-authored and co-edited "Space is Cool as F***" (<https://bit.ly/2wuFcrc>)

New York, NY

Nov. 2017 - Present

Specialist Writer

SCRIPTED

- Wrote commissioned articles and blog posts related to science, medicine, technology, and education
- Consulted with medical practices to answer patients' FAQs and to create patient-facing webpages with accessible explanations of various medical conditions and treatments

Remote

Jun. 2015 - Nov. 2017

Editor

CACTUS COMMUNICATIONS

- Edited scientific manuscripts for clarity and professionalism before submission to journals
- Formatted manuscripts in accordance with journal guidelines

Remote

May 2016 - Sep. 2016

Writer & Editor

FISHER INK

- Wrote articles on intersection of science and business for Ohio State University's business-news magazine
- Managed a team of 8 writers, edited articles, and taught techniques to improve writing

Columbus, OH
Aug. 2015 - May 2016

Science Advocacy & Policy

Graduate Student Intern

AMERICAN PSYCHOLOGICAL ASSOCIATION AT THE UNITED NATIONS

- Coordinate outreach events to promote the relevance of psychological science to the United Nations' agenda
- Participate in interdisciplinary dialogues during meetings of the NGO Committee for Sustainable Development
- Write and edit public-facing articles for the APA website on the intersection of psychology and international affairs

New York, NY
Sep. 2019 - Present

Teaching

Teaching Assistant, Experimental Psychology & Statistical Methods in Psychology

BROOKLYN COLLEGE (CUNY) PSYCHOLOGY DEPT.

- Prepare lectures and class activities for several sections of 20-25 third- and fourth-year undergraduates
- Guide students as they design, conduct, and write about their own psychological experiments
- Demonstrate theory and implementation of a variety of basic statistical tests
- Lead group discussions on concepts in psychology, experimentation, and statistics

New York, NY
Aug. 2018 - Present

Teaching Assistant

SPANISH MINISTRY OF EDUCATION

- Developed weekly lesson plans and activities to teach science, technology, history, English, and US culture to over 150 students at IES Fernández Vallín, a secondary school

Gijón, Spain
Sep. 2016 - Jun. 2017

Tutor

OHIO STATE UNIVERSITY NEUROSCIENCE DEPT.

- Led weekly tutoring sessions for a group of 30 first- and second-year undergraduate neuroscience majors

Columbus, OH
Aug. 2015 - May 2016

Publications

PEER-REVIEWED JOURNAL ARTICLES

- **Koenig, S.**, Wu, Z., Gao, Y., & Li, X. (in press). Abnormal cortical activation in visual attention processing in sub-clinical psychopathic traits and traumatic brain injury: evidence from an fNIRS study. *Psychopathology & Behavior Assessment*.
- Zhao, C., Dong, C., Frah, M., Deng, Y., Marie, C., Zhang, F., Xu, L., Ma, Z., Dong, X., Lin, Y., **Koenig, S.**, Nait-Oumesmar, B., Martin, D., Wu, L. N., Xin, M., Zhou, W., Parras, C. & Lu, Q. R. (2018). Dual Requirement of CHD8 for Chromatin Landscape Establishment and Histone Methyltransferase Recruitment to Promote CNS Myelination and Repair. *Developmental Cell*. 45, 753-768. doi: 10.1016/j.devcel.2018.05.022.
- Turner, B. M., Gao, J., **Koenig, S.**, Palfy, D., & McLelland, J. L. (2017). The Dynamics of Multimodal Integration: The Averaging Diffusion Model. *Psychonomic Bulletin and Review*. 24, 1819-1843. doi: 10.3758/s13423-017-1255-2.

TEXTBOOK CHAPTERS

- **Koenig, S.** & Gao, Y. (2019). The Antisocial Personality: Building on Lykken (1957). In G. Davey (Ed.), *Clinical Psychology: Revisiting the Classic Studies*. London: Sage.

TALKS & CONFERENCE PRESENTATIONS

- **Koenig, S.**, Chan, C., Schroder, K., Waldron, A., Huang, Y. L., Kofler, L., & Gao, Y. (2019). *A psychophysiological investigation of adolescent moral decision-making*. Panel presentation at the American Society of Criminology, 75th Annual Meeting. San Francisco, CA.
- **Koenig, S.** (2017). *A Perspective on the Neuroscience of Empathy*. Presented to the general public at the Official Language School of Gijón (Escuela Oficial de Idiomas). Gijón, Spain.

Skills

Lab Techniques	Psychophysiological data collection (ECG, EDA, PEP, respiration), transcranial direct current stimulation (tDCS)
Software	AcqKnowledge (Biopac), Linguistic Inquiry & Word Count (LIWC), Tableau, Microsoft Office, iWork
Programming	R and MATLAB
Languages	English (Native), Spanish (Fluent)