

# Scott Koenig

DOCTORAL STUDENT · WRITER · TEACHER

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## Education

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### 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

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### 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

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### 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](http://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

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### 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

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### 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

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### PEER-REVIEWED JOURNAL ARTICLES

- 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

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