

AVA KIAI

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EDUCATION

Goethe University Frankfurt Faculty of Biological Sciences Doctoral Candidate	<i>2020 - present</i> <i>Frankfurt</i>
École des hautes études en sciences sociales/École normale supérieure Department of Cognitive Science Master of Science, with honors	<i>2017 - 2018</i> <i>Paris</i>
Université de Paris 1: Pantheon-Sorbonne Department of Philosophy Master 1 (1st year Masters)	<i>2016 - 2017</i> <i>Paris</i>
New York University College of Arts and Science Bachelor of Arts, with honors	<i>2011 - 2015</i> <i>New York</i>
John L. Miller Great Neck North High School High School Diploma	<i>2007 - 2011</i> <i>Great Neck</i>

METHODS & SKILLS

Techniques	Bioacoustics, <i>in vivo</i> electrophysiology, experimental design
Lab	Felasa A, D & C (Rodent, Surgery)
Programming	R, Python, Matlab
Other	Git, Jupyter, L ^A T _E X, Hugo

EXPERIENCE

Institute for Cell Biology & Neuroscience, Goethe University Frankfurt <i>Auditory Computations Group</i> Doctoral Candidate	<i>12/2020 - present</i> <i>Frankfurt</i>
Supervisors: Dr. Julio Hechavarría, Dr. Manfred Kössl, Dr. David Poeppel	
Max Planck Institute for Empirical Aesthetics <i>Neuroscience Department</i> Scientific Researcher	<i>02/2018 - 12/2021</i> <i>Frankfurt</i>
Supervisor: Dr. Lucia Melloni	
NeuroSpin, INSERM/CEA-Saclay <i>Brain Dynamics Group</i> Student Researcher	<i>05/2017 - 01/2018</i> <i>Gif-sur-Yvette</i>
Supervisor: Dr. Virginie van Wassenhove	
Freelance Biographer Research Assistant	<i>01/2015 - 08/2016</i> <i>New York</i>
Conceptual Development & Social Cognition Lab, NYU Undergraduate Research Assistant	<i>07 - 09/2014</i> <i>New York</i>
Supervisor: Dr. Marjorie Rhodes	

SELECTED PUBLICATIONS

1. **Ava Kiai**, Jan Clemens, Manfred Kössl, David Poeppel, Julio C. Hechavarría. (2023) Flexible control of vocal timing in bats enables escape from acoustic interference. (submitted)
2. Francisco García-Rosales, Luciana López-Jury, Eugenia González-Palomares, Johannes Wetekam, Yuranny Cabral-Calderín, **Ava Kiai**, Manfred Kössl, Julio C. Hechavarría. (2022) Echolocation-related reversal of information flow in a cortical vocalization network. *Nature Communications* 13(1).
3. Eugenia González-Palomares, Luciana López-Jury, Johannes Wetekam, **Ava Kiai**, Francisco García-Rosales, Julio C. Hechavarría. (2021) Male Carollia perspicillata bats call more than females in a distressful context. *Royal Society Open Science* 8(5).

POSTER PRESENTATIONS

1. Ava Kiai, Jan Clemens, Manfred Kössl, David Poeppel, Julio Hechavarría. "The reverse cocktail party problem." 15th Göttingen Meeting of the German Neuroscience Society, March 2023
2. Ava Kiai, Manfred Kössl, David Poeppel, Julio Hechavarría. "Bats chat more on the off-beat: Dynamic time-domain jamming avoidance in freely socializing bats." Neural Mechanisms of Acoustic Communication Gordon Research Conference, July-August 2022
3. ibid. 14th International Congress of Neuroethology, July 2022
4. Ava Kiai, Julio Hechavarría. "Individual and group-level flexibility in social vocalization timing in bats." 14th Göttingen Meeting of the German Neuroscience Society, March 2021

TALKS

1. "The reverse cocktail party problem." Treffen der Deutschen Fledermausforschenden (German Bat Research Meeting), October 2022 (Award for Best Student Talk, 3rd Place)
2. "The Neustadt and the Grande-Ile: The Urban Transformation of Strasbourg at the Crossroads of France and Germany." NYU Undergraduate Research Conference, May 2015 *Inquiry*, Vol. XIX.

TEACHING

1. Foundations of Experimental Psychology, Department of Psychology, Goethe University Frankfurt (Summer 2023)
2. [Experimental Psychology](#), Department of Psychology, Goethe University Frankfurt (Winter 2021-2022)

SUPERVISING

- Elif Ertas (Bachelor thesis), Faculty of Biology, Goethe University Frankfurt (Summer 2022)

SCHOLARSHIPS & AWARDS

GRADE Research Assistantship	2022
Hermann-Willkomm-Stiftung Travel Grant	2022
GRADE Brain Travel Grant	2022

Main-Campus-doctus PhD Scholarship, Stiftung Polytechnische Gesellschaft	2020-2023
Dean's Undergraduate Research Fund, NYU College of Arts & Science	2015
French Department Book Award, NYU College of Arts & Science	2014

REVIEWING

- JOSS

SCIENTIFIC OUTREACH

- “Die schnatternde Menagerie: eine ethologische und musikalische Einführung in die Tiersprache.” Interdisziplinäres Kolloquium der Main-Campus-Stipendiatenwerk, April 2022
- “The Secret Lives of Bats.” (Talk) Max Planck Institute for Brain Research, Frankfurt, October 2021
- [Skype a Scientist](#), 2021
- [Deutsche Neurowissenschaften Olympiade](#), 2019

NON-PEER-REVIEWED PUBLICATIONS

1. [Kiai, A. \(2019\)](#) To protect credibility in science, banish “publish or perish.” *Nature Human Behavior*, 3, 1017-1018.
2. [Kiai, A. \(2018\)](#) Pinker's (1994) The Language Instinct. Shackelford T., Weekes-Shackelford V. (Eds) *Encyclopedia of Evolutionary Psychological Science*. Springer, Cham.
3. [Kiai, A. \(2018\)](#) Steven Pinker. Shackelford T., Weekes-Shackelford V. (Eds) *Encyclopedia of Evolutionary Psychological Science*. Springer, Cham.

OTHER SKILLS, INTERESTS & ACTIVITIES

Languages	English (native), Farsi (native), French (fluent), German (fluent)
Music	Classical violin
Debate Societies	Stoa Reading Group (Founder, 2020 - 2022) Le Cercle de la Sorbonne, University of Paris I (Co-founder, 2016) Socratic Happy Hour , NYU (Co-founder, 2015)
Volunteering	Housingworks Bookstore & Café (2016)
Sports & Outdoors	Long-distance cycling, swimming, rock climbing, bouldering, alpine hiking