

Education and Research Experience

University of California, Berkeley

POSTDOCTORAL FELLOW

- Advisor: Prof. Doris Y. Tsao

The United States of America

11/2021-

Max Planck Institute of Neurobiology

Ludwig-Maximilians-Universität München (LMU)

PH.D. IN SYSTEMS NEUROSCIENCE

- Fast-track program for outstanding applicants
- Top GPA during 1y preparatory phase enabling direct entry into the Ph.D.
- Thesis title: *"Facial Expressions Of Emotion States And Their Correlates In Insular Cortex"*, advisor: Dr. Nadine Gogolla

Munich, Germany

10/2015-10/2021

University of Groningen

Utrecht University

B.SC. IN PSYCHOLOGY WITH HONOURS

- Specialization in neuroscience, minors in mathematics/statistics and affective neuroscience
- Member of Honours College - Selective (**top 3%**) interdisciplinary, research-focused program; followed in addition to the B.Sc.
- Thesis title (U. of Groningen): *"Examining Cognitive Limits of Temporal Integration: A Data-Driven Approach"*, advisor: Prof. Elkan Akyürek
- Thesis title (Utrecht U.): *"Data-Driven Analysis of Cognitive Strategies in Ethnic Face Judgements"*, advisor: Prof. Ron Dotsch

The Netherlands

09/2012-08/2015

Publications

Fear balance is maintained by bodily feedback to insular cortex in mice

Alexandra S. Klein, **Nate Dolensek**, Caroline Weiand, Nadine Gogolla
Science (2021)

Facial expressions of emotion states and their neuronal correlates in mice

Nate Dolensek, Daniel A. Gehrlach, Alexandra S. Klein, Nadine Gogolla
Science (2020)

Machine-learning approaches to classify and understand emotion states in mice

Nejc Dolensek, Nadine Gogolla
Neuropsychopharmacology (2020)

Aversive state processing in the posterior insular cortex

Daniel A. Gehrlach, **Nejc Dolensek**, Alexandra S. Klein, Ritu Roy Chowdhury, Arthur Matthys, Michaela Junghänel, Thomas N. Gaitanos, Alja Podgornik, Thomas D. Black, Narasimha Reddy Vaka, Karl-Klaus Conzelmann, Nadine Gogolla
Nature Neuroscience (2019)

Honors and Awards

ACADEMIC

2022	Long-Term Fellowship , HFSP, prestigious international award supporting frontier, transformative research	\$224,000
2020	Young Scientist Award , Max Planck Institute of Neurobiology, award for an outstanding publication	€1,000
2018	Best Poster Award , Gordon Research Conference: Optogenetics and Imaging	\$1,000
2015	Merit stipend , GSN/LMU Munich, for fast-track PhD preparatory year	€10,000
2014	Merit stipend , Tallinn University, to Attend HCI research methods summer school	€1,000
2008-12	Zois' Scholarship , Republic of Slovenia, merit scholarship for gifted students (top 5%)	€5,000

OTHER

2018	Best Talk , Munich Science Slam, <i>"The Language of Emotion"</i>	
2017	Winner & Most Creative Idea , Burda Hackday, virtual reality with eye tracking for early autism diagnosis	
2017	Winner & Best Technical Idea , INNOVATE.HEALTHCARE Hackathon, EEG mind/health-state inference apps	
2012	Top Award , Global Blackberry Application Creation Contest, created an activity tracking fitness app	\$3,000

Other Experience

TEACHING

- 2017-19 **Molecular Neurobiology Practicum**, Max Planck Institute of Neurobiology / LMU Munich
- 2013-15 **Data Visualization Workshop**, University of Groningen
- 2013-15 **Introduction to Research Methods**, University of Groningen
- 2013-15 **Scientific Thinking**, University of Groningen
- 2013-15 **Writing and Presenting**, University of Groningen

POSTERS AND TALKS

- 2019 **Max Planck Society Neuroscience Symposium**, Germany *Poster*
- 2018 **Gordon Research Conference: Optogenetics and Imaging**, USA *Poster*
- 2018 **Gordon Research Seminar: Optogenetics and Imaging**, USA *Poster*
- 2017 **Studying Complex Behaviour Conference**, Weizmann Institute of Science, Israel *Poster*

OTHER

- 2017 **Microsoft Professional Program for Data Science**, Certification
- 2014 **Research Methods in Human Computer Interaction**, PhD Summer School, University of Tallinn
- 2008-13 **Kemikalije (Founder)**, Led a successful laboratory equipment and supplies import & e-commerce business