Nate Nejc **Dolensek**

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Education and Research Experience

University of California, Berkeley
Howard Hughes Medical Institute (HHMI)

Berkeley, USA

POSTDOCTORAL FELLOW *11/2021-*

- Advisor: Prof. Doris Y. Tsao

Max Planck Institute of Neurobiology
Ludwig-Maximilians-Universität München (LMU)

Munich, Germany

PH.D. IN SYSTEMS NEUROSCIENCE *10/2015-10/2021*

- 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: Nadine Gogolla, PhD

University of Groningen
Utrecht University

The Netherlands

B.SC. IN PSYCHOLOGY WITH HONORS *09/2012-08/2015*

- Specialization in neuroscience, minors: mathematics, affective neuroscience
- Member of the 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

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, *"The Language of Emotion"*	
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

2023   **Society for Neuroscience meeting,** USA   *Poster*

2023   **HHMI Science Meeting,** USA   *Poster*

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