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CURRICULUM VITAE

Nadja R. Ging-Jehli

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Professional Website | LinkedIn | GitHub
(Permanent US resident)

ACADEMIC APPOINTMENTS

2023 – present
Brown University, Providence, RI
Independent Project Leader, ARC-SNSF scholar (competitive project funding)
Carney Institute for Brain Sciences
- Leading independent research project including budget oversight and strategic planning.
- Hired and currently managing a multidisciplinary team (5 members), overseeing all aspects of the project's execution and team collaboration.
- Sole responsibility for project development, resource allocation, and ensuring the research meets its objectives.

2022 – present
Brown University, Providence, RI
Postdoctoral Researcher
Department of Cognitive & Psychological Sciences
(main mentor: Michael J. Frank)

2013 - 2017
University of Zurich, Zurich, Switzerland
Research Assistant (20-60% employment)
Department of Economics, Chair of Behavioral and Experimental Economics
(main mentor: Roberto A. Weber)

2013 - 2017
Swiss Federal Institute of Technology (ETH), Zurich, Switzerland
Laboratory Assistant (20-40% employment)
Decision Science Laboratory, Department D-GESS, Behavioral Studies

EDUCATION

2019 – 2022
The Ohio State University, Columbus, OH
Ph.D., Psychology and Neuroscience
Specialization: Model-based Cognitive Neuroscience
Dissertation: *Characterizing adult attention-deficit hyperactivity disorder (ADHD) with a multidisciplinary computational approach including novel neurocognitive testing and physiological measures.*
Advisors: Patricia Van Zandt (main advisor; focus on Bayesian approaches), Brandon Turner, Jay Myung, L. Eugene Arnold (clinical advisor), Mary Fristad (second clinical mentor)

2018 – 2021
Wexner Medical Center at The Ohio State University, Columbus, OH
Nisonger Center – Department of Psychiatry and Behavioral Health
Clinical Internship, clinical advisor: L. Eugene Arnold

2017 – 2019 **The Ohio State University,** Columbus, OH
Master of Arts in Psychology
Specialization: Cognitive Psychology and Neuroscience
Master's thesis: *On the implementation of computational psychiatry within the framework of cognitive psychology and neuroscience.*
Advisors: Roger Ratcliff (main advisor; focus on frequentist approaches), Patricia Van Zandt, L. Eugene Arnold (clinical advisor)

2016 – 2017 **University of Zurich,** Zurich, Switzerland
Post-Graduate Coursework in Psychology
Biological Psychology I & II, Neuroeconomics, Social Psychology I & II
(Neuroscience, Immunology, Genetics, Epigenetics, Endocrinology)

2015 – 2017 **University of Zurich,** Zurich, Switzerland
Master of Arts in Economics
Minor: Behavioral and Experimental Economics
Graduation with honors: magna cum laude
Master's thesis: *Situational determinants of social preferences*.
Advisor: Ernst Fehr

2014 – 2015 **Swiss Federal Institute of Technology (ETH), Zurich, Switzerland**
Post-Baccalaureate Coursework in Mathematics
Real Calculus I & II, Linear Algebra I & II

2012 – 2014 **University of Zurich,** Zurich, Switzerland
Bachelor of Arts in Economics
Bachelor's thesis: *Generosity across economic contexts.*
Advisor: Roberto A. Weber

2008 – 2012 **Zurich University of Applied Sciences (ZHAW),** Winterthur, Switzerland
Bachelor of Science in Business Administration
Bachelor Thesis: *How corporate governance of a consultancy can benefit from findings in behavioral economics – How implicit incentive signals influence intrinsic motivation*
Advisor: Stefan Schuppisser

2007 – 2008 **Commercial Learning School (KLZ**), Zurich, Switzerland
Industrial Psychology with Certificate from KLZ

2006 – 2007 **AKAD School of Business**, Zurich, Switzerland
Human Resources Advisor with Certificate

2004 – 2007 **Graubündner Kantonalbank,** Chur, Switzerland
Apprenticeship with Vocational Baccalaureate Diploma

RESEARCH INTEREST

Research Areas: Computational Psychiatry, Cognitive Neuroscience, Mathematical Psychology, Experimental Social Economics, Computer Science.
Neuropsychological Focus: adaptive learning; mental flexibility and behavioral adaptability across cognitive and social contexts with a focus on mechanisms in humans and AI systems.
Clinical Focus: ADHD, autism, anxiety, and mood disorders with a focus on individual differences.
Translational Focus: autonomous digital neurocognitive tools to improve resilience.

Modeling Focus: sequential sampling models, artificial neural networks, biologically inspired neurocomputational models, hierarchical models incorporating learning and meta-cognitive mechanisms, new joint-modeling methods for large behavioral and physiological datasets.

GRANTS

2023 – 2025	**Carney Institute's Advancing Research Careers (ARC) program (NINDS/NIH)** *Developing and piloting a computationally engineered game environment for wholistic neurocognitive and social assessments* Role: Principal Investigator Amount Awarded: 25,000 USD
2023 – 2025	**Swiss National Science Foundation** *Using Computational Psychiatry to explore transdiagnostic features of neurodevelopmental- and mood-related disorders* Role: Principal Investigator Amount Awarded: 10,000 CHF
2019 – 2020	**Swiss National Science Foundation** *Using Computational Psychiatry for Phenotyping ADHD* Role: Principal Investigator Amount Awarded: 3,000 CHF

AWARDS AND FELLOWSHIPS

2025	**Travel Award,** Computational Psychiatry Conference (1,000 EUR)
2025	**Travel-Fellowship Award,** Society of Biological Psychiatry SOBP (2,000 USD)
2023	**Symposium Award,** The American College of Neuropsychopharmacology ACNP conference (1,000 USD)
2023	**ThinkSwiss & Fullbright Alumni Travel Award**, Embassy of Switzerland in the USA (500 USD)
2023	**Swiss National Science Foundation Postdoc Award**, Switzerland (5,300 CHF)
2023	**Travel & Networking Award**, Women of Mathematical Psychology (500 EUR)
2022 – 2023	**NIH Computational Psychiatry Postdoctoral Training (T32**), Brown University (113,680 USD)
2021 – 2022	**Presidential Fellowship**, The Ohio State University (40,000 USD)
2019 – 2020	**Swiss National Science Foundation Graduate Fellowship**, Switzerland (93,725 CHF)
2017 – 2018	**University Fellowship**, The Ohio State University (20,000 USD)

2017	**Graduation with honor: Magna Cum Laude**, University of Zurich
2014	**Graduation with honor: Magna Cum Laude,** University of Zurich
2012	**Dean's List,** University of Zurich
2012	**Rieter-Prize**, Best Bachelor Thesis in 2012, University of Zurich

CURRENT RESEARCH PROJECTS

- Developing and piloting novel *computationally engineered game tool (CET)* to study mental flexibility and behavioral adaptability across cognitive and social economic contexts
- Neuronal and attentional signatures of attention-deficit/hyperactivity disorder (ADHD) within a novel cognitive flexibility task
- Creating unified modeling approach, integrating sequential sampling models with neurocomputational models
- Testing joint-modeling approaches for behavioral and physiological data from experimental paradigms

PEER-REVIEWED PUBLICATIONS

Google Scholar Profile

*indicates mentees

1. Cole, C.R., Ging-Jehli, N.R., Suarez, J.V., Greenlee, J.D., Wessel, J.R., Espinoza, A.I., Zhang, J., Cavanagh, J.F., Narayanan N.S. (2025, in production). Theta-frequency subthalamic nucleus stimulation increases decision threshold. *Brain Stimulation*.
2. Ging-Jehli, N.R., Cavanagh, J.F., Ahn, M., Segar, D.J., Asaad, W.F., Frank, M.J. (2025). Basal ganglia components have distinct computational roles in decision-making dynamics under conflict and uncertainty. *PLOS Biology*. DOI
3. Strittmatter, Y., Spitzer, W.H., Ging-Jehli, N.R., Musslick, S. (2024). A jsPsych Touchscreen Extension for Behavioral Research on Touch-Enabled Interfaces. *Behavior Research Methods*. PDF
4. Ging-Jehli, N.R., Kuhn, M., Blank, J.M., Chanthrakumar, P.*, Steinberger, D.C., Yu, Z., Herrington, T.D., Dillon, D.G., Pizzagalli, D.A., Frank, M.J. (2024). Cognitive signatures of depression, anhedonia, and affective states using computational modeling and neurocognitive testing. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging.* DOI
5. Ging-Jehli, N.R., Arnold, L.E., Van Zandt, T. (2023). Cognitive & attentional mechanisms of cooperation – with implications for attention-deficit hyperactivity disorder and cognitive neuroscience. *Cognitive, Affective, & Behavioral Neuroscience*. DOI
6. Ging-Jehli, N.R., Painter, Q.A.*, Kraemer, H., Roley-Roberts, M.E., Panchyshyn, C.*, deBeus, R., Arnold, L.E. (2023). A Diffusion Decision Model Analysis of The Cognitive Effects of Neurofeedback for ADHD. *Neuropsychology*. PDF
7. Ging-Jehli, N.R., Kraemer, H., Arnold, L.E., Roley-Roberts, M.E., deBeus, R. (2023). Latent cognitive components moderate neurofeedback response in ADHD – A computational modeling analysis of a randomized clinical trial. *Journal of Clinical and Experimental Neuropsychology.* PDF

8. Roley-Robert, M.E., Bergman, R., Pan, X., Tan, Y., Hendrix, K., deBeus, R., Kerson, C., Arns, M., Ging-Jehli, N.R., Connor, S., Shrader, C., Arnold, L.E. (2022). For Which Children with ADHD is TBR Neurofeedback Effective? Comorbidity as a Moderator. *Applied Psychophysiology and Biofeedback.*. DOI
9. Ging-Jehli, N.R., Arnold, L.E., Roley-Roberts, M.E., deBeus, R. (2022). Characterizing underlying cognitive components of ADHD presentations and co-morbid diagnoses – A diffusion decision model analysis. *Journal of Attention Disorders*. DOI
10. Ging-Jehli, N.R., Ratcliff, R., Arnold, L.E. (2021). Improving Neurocognitive Testing using Computational Psychiatry – A Systematic Review for ADHD. *Psychological Bulletin*. PDF
11. Ging-Jehli, N.R., Ratcliff, R. (2020). Effects of aging in a task-switch paradigm with the diffusion decision model. *Journal of Psychology and Aging*. PDF
12. Ging-Jehli, N.R., Deepa, M., Hollway J., Hurt, E., Moone, S., Arnold, L.E. (2020). A Placebo-Controlled Pilot Exploration of Cholesterol Supplementation for Autistic Symptoms in Children with Low Cholesterol. *Journal of Developmental and Physical Disabilities*. Link
13. Ging-Jehli, N.R., Schneider, F.H., Weber, R.A. (2020). On self-serving strategic beliefs. *Journal of Games and Economic Behavior*. DOI

Working Paper

14. Davis, A. L., Jehli, N.R., Miller, J.H., & Weber, R.A. (2015). *Generosity across contexts*. CESifo Working Paper, No. 5272, Center for Economic Studies and ifo Institute (CESifo), Munich. PDF

MANUSCRIPTS UNDER REVIEW

*indicates mentees

15. Ging-Jehli, N.R., Pine, S.D. (invited review article, *Neuropsychopharmacology Reviews 2026*). Computational psychiatry insights into youth psychopathology: mechanisms and challenges.
16. Ging-Jehli, N.R., Rac-Lubashevsky, R., Bera, K., Zimmerman, A., Roberts, A., Loder, A., Boudewyn, M.A., Carter, C.S., Erickson, M., Gold, J., Luck, S.J., Ragland, J.D., Yonelinas, A.P, MacDonald III, A.W., Barch, D.M., Frank, M.J. (submitted). Model-based EEG phenotyping uncovers distinct neurocomputational mechanisms underlying learning impairments across psychopathologies.
17. Ging-Jehli, N.R., Arnold, L.E., Sellers J.*, Van Zandt, T. (submitted). Broader visual processing and distinct pupil dynamics facilitate resolving perceptual conflict and compensate for ADHD distractibility.
18. Ging-Jehli, N.R., Weigard, A. (submitted). Lumping versus splitting in mechanistic computational psychiatry models: integrating the search for specialized and task-general functions.

SELECTED MANUSCRIPTS IN PREPARATION

19. Ging-Jehli, N.R., Arnold, L.E., Van Zandt, T. (in preparation). Characteristics of cognitive maladaptation in ADHD: decomposing error typology, impulsivity, and slower neurocomputational processing during task switching.
20. Ging-Jehli, N.R., Frank, M.J. (in preparation). Uncovering neurocomputational mechanisms of adaptive decision-making.
21. Childers, R.K., Lu, J., Gemma, R., Zhou, Ging-Jehli, N.R. (in preparation). Gearshift Fellowship: a computational game for studying neurocognitive adaptation and social strategic decision-making across contexts with varying uncertainties in a single supertask.

PUBLISHED CONFERENCE ABSTRACTS

*indicates mentees

1. Ging-Jehli, N., R. (2025). Rac-Lubashevsky, R., Bera, K., Zimmerman, A., Roberts, A., Loder, A., ... & Frank, M. J. (2025). Dissecting Neurocomputational Mechanisms of Impaired Instrumental Learning Across Psychopathologies Using Integrative Model-Based EEG Phenotyping. *Biological Psychiatry*, *97*(9), S7. DOI
2. Ging-Jehli, N. R. (2023). Utility of Computational Phenotyping for Psychiatric Disorders With Low Essentiality: Empirical Findings for Attention-Deficit/Hyperactivity Disorder and Depressive Disorders. In *Neuropsychopharmacology, 48,* 30-30.
3. Ging-Jehli, N. R., & Arnold, L. E. (2023). 13.3 Cognitive Role of EEG Theta/Beta-Ratio for Behavior: Accounting for ADHD Heterogeneity. *Journal of the American Academy of Child & Adolescent Psychiatry*, 62(10), S344. DOI
4. Ging-Jehli, N., Arnold, L. E., Sellers, J.*, & Van Zandt, T. (2022). 30.3 Eye-Tracking, Gaze, and Pupil Dynamics in ADHD: Biofeedback Possibilities During Novel Perceptual Conflict Task. *Journal of the American Academy of Child & Adolescent Psychiatry*, *61*(10), S323. DOI
5. Painter, Q. A.*, Ging-Jehli, N., Arnold, L. E., Roley-Roberts, M. E., & Pan, X. J. (2022). 30.4 The Effect of ASD Features on Neurocognitive Change With Neurofeedback in ADHD: New ICAN Data. *Journal of the American Academy of Child & Adolescent Psychiatry*, *61*(10), S323. DOI
6. Roley-Roberts, M., Kerson, C., Ging-Jehli, N., & Pan, X. (2021). 30.2 Moderating Effects of Psychiatric Diagnoses on Neurofeedback for ADHD at 25-month Follow-up. *Journal of the American Academy of Child & Adolescent Psychiatry*, *60*(10), S304. DOI
7. Ging-Jehli, N., Arnold, L. E., deBeus, R., Roley-Roberts, M., & Kraemer, H. (2021). 30.4 Underlying Cognitive Components Respond to Neurofeedback For ADHD And Moderate Clinical Outcome. *Journal of the American Academy of Child & Adolescent Psychiatry*, *60*(10), S305. DOI
8. Arnold, L. E., Roley-Roberts, M. E., Ging-Jehli, N., Kerson, C., Pumphrey, K., & Loo, S. K. (2020). ADHD Neurofeedback 25-Month Follow-Up, Moderation of Response, and Neurocognitive Subtyping. In *2020 Virtual Meeting*. AACAP. DOI

INVITED ACADEMIC AND COMMUNITY TALKS

2024	Invited Talk | *Beyond mechanistic models: leveraging physiological and behavioral measures to study psychopathology across contexts*, Rutgers-Princeton Center for Computational Cognitive Neuropsychiatry, Piscataway NJ (USA)
2024	Invited Talk | *Computational mechanisms of behavioral adaptability and their transdiagnostic implications*, Yale University, Department of Psychology, New Haven CT (USA)
2024	Invited Talk | *Promoting resilience with neurocomputational digital tools*, The Ohio State University, Department of Psychiatry & Behavioral Health, Columbus OH (USA)
2024	Invited Talk | *Empowering mental health research & care with integrative neurocomputational, psychiatry tools,* National Institute of Mental Health (Host: Daniel Pine), Washington DC (USA)

2024 Invited Talk | *Integrative Computational Approaches for ADHD, mood disorders, and comorbidities – with implications for OCD, Functional Neuroimaging & Bioinformatics Lab*, Harvard McLean, Boston MA (USA)

2024 Invited Talk | *Integrative Approaches for Cognitive Neuroscience & Computational Psychiatry*, Translational Neuromodeling Unit, ETH Zurich, Zurich Switzerland (CH)

2024 Invited Talk | *Promises and Challenges of Computational Psychiatry*, Nicolas Langer Lab, University of Zurich, Zurich Switzerland (CH)

2024 Invited Talk | *Innovating Approaches in Social-Cognitive Neuroscience & Computational Psychiatry – Empirical Evidence for ADHD & Depression*, Rebecca Saxe Lab, Massachusetts Institute of Technology, Boston MA (USA)

2023 Invited Panelist | *Towards a better ecosystem for managing, caring, and researching mental health conditions,* ThinkSwiss Event at the Swiss Embassy, Washington DC (USA)

2023 Invited Talk | *Using game theory and experimental economics to study social-cognitive characteristics in ADHD*, Social-Cognitive Seminar Series at Brown University, Providence RI (USA)

2022 Invited Talk | *Addressing ADHD and comorbidities with computational psychiatry: using new integrative testing; refining clinical characteristics; and tailoring treatments*, Brown University, Providence RI USA

2019 Invited Talk | *ADHD/ASD – A different way how to perceive the world*, Cincinnati Children's Hospital Medical Center, Cincinnati, OH USA

SELECTED CONFERENCE TALKS

2025 Oral Presentation | *Dissecting neurocomputational mechanisms of impaired instrumental learning across psychopathologies using integrative model-based EEG phenotyping,* Society of Biological Psychiatry, Toronto (CA)

2025 Oral Presentation | *Complementary mechanisms in the basal ganglia support cautious decision-making under conflict and uncertainty*, Winter Conference on Brain Research, Lake Tahoe CA (USA)

2023 Oral Presentation | *Decoding Complexity: A Deep Dive into Mechanistic Computational Phenotyping for ADHD and Depression*, American College of Neuropsychopharmacology (ACNP) Annual Conference, Tampa FL (USA)

2023 Oral Presentation | *Combining mechanistic tasks with innovative sequential sampling models to different slow-down mechanisms*, New England Research on Decision-Making (NERD) conference, Boston (USA)

2023 Oral Presentation | *Cognitive Role of EEG Theta/Beta-Ratio for Behavior: Accounting for ADHD Heterogeneity*, American Academy of Child and Adolescent Psychiatry (AACAP) conference, New York City (USA)

2023	Oral Presentation | *Dissecting decision dynamics in the basal ganglia*, Mathematical Psychology Conference, Amsterdam (NL)
2022	Oral Presentation | *Eye-tracking, Gaze, and Pupil Dynamics in ADHD: Biofeedback Possibilities during Novel Perceptual Conflict Task*, American Academy of Child and Adolescent Psychiatry (virtual), Toronto (CA)
2021	Oral Presentation | *Personalized medicine using computational psychiatry*, American Academy of Child and Adolescent Psychiatry (virtual)
2020	Oral Presentation | *Neurocognitive subtyping of ADHD by Computational Psychiatry*, International Conference on ADHD by CHADD (virtual)
2020	Oral Presentation | *Using Computational Modeling as a Moderator Analysis to Understand the Benefits of Neurofeedback for ADHD*, American Academy of Child and Adolescent Psychiatry (virtual)

SELECTED CONFERENCE POSTERS

2024	Poster Presentation | *Underlying neurocomputational mechanisms of behavioral adaptability,* Cognitive Computational Neuroscience (CCN) Conference, Boston (USA)
2024	Poster Presentation | *Integrating Mechanistic Neurocognitive Tests Across Disorders*, Computational Psychiatry Conference, Minnesota (USA)
2024	Poster Presentation | *Using Computational Modeling to distinguish between anhedonia and depression*, 26th annual Mind Brain Research Day, Brown University, Rhode Island (USA)
2023	Poster Presentation | *Multidimensional computational phenotyping of anhedonia & depression,* Computational Psychiatry Conference, Dublin (IE)
2022	Poster Presentation | *Broader visual processing and distinct pupil dynamics facilitate perceptual conflict and compensate for ADHD distractibility*, Mental Effort Workshop, Providence RI (USA)
2019	Poster Presentation | *Computational Psychiatry: Studying ADHD in neurocognitive tests*, Society for Neuroscience Conference, Chicago, IL (USA)
2019	Poster Presentation | *On the implementation of computational psychiatry to study ADHD, Institute for Behavioral Medicine Research Conference*, The Ohio State University, USA
2015	Poster Presentation | *Generosity across contexts*, Social Norms and Institutions, International Conference at the Congressi Stefano Franscini (CSF) of ETH Zurich, Ascona, TI (CH)

INTERVIEWS AND MEDIA COVERAGE

1. **Nadja Ging-Jehli** (2021, January 8). Radio Interview on Computational Psychiatry and ADHD [Video]. YouTube. Link
2. **Ging-Jehli NR**, Ratcliff R, Arnold LE (2020, December 28). Improving neurocognitive testing using computational psychiatry—A systematic review for ADHD. Psychological Bulletin. Link

3. P. Erika (2021, January 5). Computational Models Could Help Diagnose Children with ADHA, *The Science Times*. Link
4. Caldwell, Emily (2020, December 30). A pursuit of better testing to sort out the complexities of ADHD. *Ohio State News*. Link

LEADERSHIP POSITIONS

01/2024 – present	Brown University, Providence, RI, USA Independent Project Leader, ARC scholar	Principal investigator with own funding for independent project. Hired & managing team (2 software engineers, 1 graphic illustrator, & 2 research assistants).
2012 – 2013	Fehr Advice & Partners AG, Zurich, Switzerland Chief of Staff	Leading 4 team members as strategic business and project manager (serving three executive directors & CEO).
2008 – 2011	UBS AG, Zurich, Switzerland Apprenticeship Trainer	Certified educator for 6 apprentices, educating them in Banking & Finance (off-the-job) and leading their daily business (on-the-job).

TEACHING & MENTORING

Teaching Experience

Entire Courses

2023 **Brown University**, Providence, RI
Instructional Designer, Sheridan Teaching Seminar (Certificate I)

2021 **The Ohio State University,** Columbus, OH
Graduate Teaching Associate
Courses:
PSYCH2220: Data Analytics in Psychology
PSYCH5613H: Biological Psychiatry
PSYCH5614: Cognitive Neuroscience
PSYCH3331: Abnormal Psychology
PSYCH4475: Psychology of The Self

Workshops/Guest Lectures

2025 **Universität Osnabrück**, Osnabrück, Germany
Lecturer, Leveraging Sequential Sampling Models for Cognitive Neuroscience & Computational Psychiatry

2025 **Winter Conference on Brain Research**, Lake Tahoe, CA
Lecturer, Introduction to Modeling Behavioral and Neural Data with HSSM

2024 **Brown University**, Providence, RI

	Lecturer, Carney BRAINSTORM Computational Modeling Workshop
2024	**Rutgers University** (New Brunswick, NJ) Organizer, Modeling Workshops in Computational Modeling for Psychiatry
2024	**Columbia University** (New York, NY) Organizer, Modeling Workshops in Computational Modeling for Neuroscience

Mentoring (students' projects)

01/2024 – present	Pranavan Chanthrakumar (MD/PhD Graduate student, Brown University) Cognitive computational modeling / Computational psychiatry
01/2024 – present	Ziwei Cheng (PhD Graduate student, Berkeley University) Cognitive computational modeling / Computational psychiatry
09/2023 – 12/2023	Elizabeth Duchan (Undergraduate student, Brown University) Capstone project in decision sciences
08/2023 – 12/2023	Ahmed Abdelbaki (Medical student, The Ohio State University) Statistics
09/2022 – 04/2023	Quinn Painter (Clinical PhD Graduate student, Creighton University) Statistics (linear mixed modeling)

Research Assistants

Dates	Name and University / Institution	Research Study	Subsequent Position
09/2022 – present	Swarag Thaikkandi (Research assistant as part of a Conte Center Collaboration)	Cognitive computational modeling	
09/2024 – present	Nada Saaidia (Research assistant in Cognitive Neuroscience, Brown University)	Computational Cognitive Neuroscience	Undergraduate student, Cognitive Neuroscience, Brown University
08/2024 – 12/2024	Nichols Macfadyen (Research assistant in Computer Science, Brown University)	Computational Psychiatry	Undergraduate student, Computer Science, Brown University
06/2024 – 12/2024	Seik Oh (Summer Intern & Research assistant in Computer Science, Brown University)	Computer science & Cognitive Psychology	Master student, Computer Science, Brown University
09/2023 – 12/2023	Shiqi Wang (Data Science student, Brown University)	Statistical analyses & machine learning	Undergraduate student, Data Science, Brown University
09/2022 – 04/2023	Pranavan Chanthrakumar (Semester Intern as medical graduate student, Brown University)	Computational Psychiatry	MD/PhD student, Brown University

09/2022 – 04/2023	Qile Jiang (Undergraduate student in Mathematics, Brown University)	Cognitive computational modeling	Undergraduate student, Mathematics, Brown University
08/2020 – 05/2022	Prateek Palsule (Undergraduate student in Psychology, The Ohio State University)	Van Zandt lab (mentoring in: conducting statistical analyses, collecting eye-tracking and EEG data, applying computational models, applying to graduate school)	Undergraduate student, Psychology, The Ohio State University
08/2020 – 05/2022	Karly Britt (Undergraduate student in Public Health, The Ohio State University)	Van Zandt lab (mentoring in: conducting statistical analyses, collecting eye-tracking and EEG data, applying computational models, applying to graduate school)	Graduate student, Public Health, Boston University
08/2020 – 05/2022	Aditya Maroju (Undergraduate student in Economics, The Ohio State University)	Van Zandt lab (mentoring in: conducting statistical analyses, collecting eye-tracking and EEG data, applying computational models, applying to graduate school)	Graduate student, Economics, Georgetown University
08/2020 – 05/2022	Jacob Sellers (Undergraduate student in Neuroscience, The Ohio State University)	Van Zandt lab (mentoring in: conducting statistical analyses, collecting eye-tracking and EEG data, applying computational models, applying to graduate school)	Graduate student, Cognitive neuroscience, Michigan University at Ann Arbor
02/2019 – 12/2019	Shea Connor (Graduate student in Clinical Psychology, University of North Carolina at Asheville)	Arnold lab (Conducting laboratory experimental paradigms)	Clinical Research Assistant, University of North Carolina at Asheville
02/2019 – 12/2019	Alex Lingel (Undergraduate student in Psychology, The Ohio State University)	Ratcliff lab (Conducting laboratory experimental paradigms)	Clinical Research Assistant, Centricity Research
02/2019 – 12/2019	Madeline Thomas (Undergraduate student in Psychology, The Ohio State University)	Ratcliff lab (Conducting laboratory experimental paradigms)	Associate Researcher, InfinixBio

02/2019 – 12/2019	Catherine Panchyshyn (Undergraduate student in Neuroscience, The Ohio State University)	Ratcliff lab (Conducting laboratory experimental paradigms)	Chemistry Teacher, Bio Med Science Academy
01/2018 – 12/2018	Justin Voyzey (Undergraduate student in Economics, The Ohio State University)	Krajbich lab (Eye-Tracking Study)	Undergraduate student, The Ohio State University
01/2018 – 12/2018	Sam Stelnicki (Undergraduate student in Economics, The Ohio State University)	Krajbich lab (Eye-Tracking Study)	Graduate student, Economics, The Ohio State University
01/2018 – 12/2018	Saarthak Gaur (Undergraduate student in Economics, The Ohio State University)	Krajbich lab (Eye-Tracking Study)	Financial Analyst Intern, HealthPlan Data Solutions

PROFESSIONAL EXPERIENCE

2012 – 2013 **Fehr Advice & Partners AG**
Chief of Staff & Consultant (100% employment), Zurich, Switzerland

2007 - 2012 **UBS AG**
Private Banking Assistant, Wealth Management (Executive & Entrepreneur Desk), (100% employment), Zurich, Switzerland
Private Client Banker (100% employment), Rüschlikon, Switzerland
Relationship Banker (100% employment), Zollikerberg, Switzerland

ENTREPRENEURIAL EXPERIENCE

2023 – present **BGBehavior LLC**, Providence, RI USA
Co-Founder (Advisory Board Member)

INTERNSHIPS & APPRENTICESHIPS

2018 – 2021 **Clinical Internship,** Nisonger Center, Department of Psychiatry and Behavioral Health, clinical advisors: L. Eugene Arnold, Jill Hollway

2019 **Clinical Exchange,** Cincinnati Children's Hospital Medical Center, host: Jeffery N. Epstein

2013 Statistical Bureau, City of Zurich, Zurich, Switzerland
Data Scientist (60% employment)

2004 – 2007 Graubündner Kantonalbank, Chur, Switzerland
Apprenticeship with Vocational Maturity Diploma (100% employment)

EDITORIAL & REVIEWING EXPERIENCE

Ad-hoc Reviewing

Biological Psychiatry; Brain; Clinical EEG and Neuroscience; Cognitive, Affective, & Behavioral Neuroscience; Cognitive Science; European Child & Adolescent Psychiatry; Frontiers in Psychology; Journal of Autism and Developmental Disorders; Journal of Cognitive Neuroscience; Molecular Psychiatry; Nature Communications; NeuroImage; Neuropsychology; Neuroscience and Biobehavioral Reviews; Psychological Medicine; Science Advances

Conference Reviewer

Cognitive Computational Neuroscience (CCN) conference; Multi-Disciplinary Conference on Reinforcement Learning and Decision Making (RLDM)

Grant Reviewer

Wellcome Funding

SERVICE RECORD

2025	Panelist, "How to succeed as a postdoc" symposium, CoPsy Department Retreat in Southbridge MA (USA), *Brown University*
2024 – present	Writer, CPN Modeling Blog Series for educating a broad audience in computational neurocognition & psychology *Modeling Blogs | Nadja Ging-Jehli (gingjehli.com)*
2024	ARC program representer. Annual Postdoctoral Symposium, *Brown University*
2023 – present	Consultant in computational modeling, *The Ohio State University, Brown University, University of Iowa, University of Minnesota*
2023	Advisor, Students' capstone projects in decision sciences, *Brown University*
2022	Modeling advisor, *Open-source HDDM toolbox*
2022	Statistical advisor, Medical and clinical students conducting statistical analyses in SPSS & R, *The Ohio State University, Creighton University*
2020 – 2022	Undergraduate Mentor, PhD applications (writing workshop, review materials, interviews), *Brown University, The Ohio State Univers*ity
2021	Guest lecture, Undergraduate course: How to find research topics and how to apply for PhD programs, *The Ohio State University*
2019	Presenter, Internal workshop for undergraduates: Using R to simulate data with the diffusion decision model, *The Ohio State University*
2011	Volunteer guest lecturer, Topic: What is Macroeconomics and how to handle money responsibly? *High school in Pfaeffikon, ZH (Switzerland)*

PROFESSIONAL AFFILIATIONS

Psychonomic Society
Society for Mathematical Psychology
Society for Neuroscience

Society of Biological Psychiatry
Member of SwissImpact
Transcontinental Computational Psychiatry Workgroup (TCPW)
Women of Mathematical Psychology

PROFESSIONAL DEVELOPMENT

Neuroscience

2023	Computational Cognitive Neuroscience (1 semester; course by Michael J. Frank), Brown University
2018 - 2019	Foundation of Neuroscience I and II, School of Medicine (1 year), Ohio State University
2017 - 2018	Neuroscience Lab including Brain Dissections (1 year), Ohio State University
2017	Behavioral Endocrinology, School of Medicine (1 semester), Ohio State Universi
2017	Introduction into FMRI (1 semester), Ohio State University

Computational Modeling

2023	Reinforcement Learning Workshop (1 day), Mathematical Psychology Conference
2022	Dynamic Causal Modeling Workshop (2 days), Brown University
2022	Computational Modeling Workshop (2 weeks), Carney Center for Computational Brain Science
2022	Modeling EEG Data Workshop (2 weeks), Brainstorm EEG Challenge, Brown University
2019	Computational Psychiatry Workshop (1 week), Zurich (Switzerland)

IT & MedTech

2022/2023	Med Tech Leadership Program (6 months), New England Medical Innovation Center
2007	European Computer Driving License Certificate (1 year), Chur (Switzerland)
2007	Swiss IT Certificate (1 year), Chur (Switzerland)

Leadership & Teaching

2023	Sheridan Teaching Certificate (1 semester), Brown University
2008	Leadership Workshop for apprenticeship trainers (1 week), UBS AG

TECHNICAL SKILLS

Languages: German (Native); English (Full Professional Proficiency – Oral and Written); French Full Professional Proficiency – Oral and Written; Italian (Basic -Oral and Written), DELI-diploma

Operating Systems: Linux, IOS (mac), Microsoft

Statistical Software: R; STATA, SPSS, WinBUGS, SAS, JASP, SciPy, NumPy, PyMC3/4

Computational modeling software: Stan, BRMS, EMC, DMC, HDDM, HSSM, fast-DM

Experiment Design Tools: z-Tree, Psychtoolbox, jsPsych

Programming Languages: C++, Python, LATEX, Fortran, MATLAB (e.g., Signal Processing, ERPLab)

Other: Bash, Git, GitHub, PyTorch, emergent (biologically inspired neural networks)

Hardware & Technology: Eye Tracking (Eyelink and Gazepoint); Full-cap electroencephalographic (EEG) studies; fMRI data

COMPUTATIONAL MODELING SKILLS

Modeling Frameworks: Bayesian & Frequentist frameworks; integrative frameworks of jointly modeling different data types (e.g., behavioral and physiological data)

Computational Cognitive Modeling: Sequential sampling models (e.g., diffusion decision model); Descriptive distribution models (e.g., ex-Gaussian distribution modeling); Reinforcement learning models (e.g., RLWM modeling); Biologically inspired neural network models (e.g., PBWM modeling)

Machine Learning: Support vector machines; Cluster-based analyses; Logistic regression; Principal and independent component analyses; Factor analyses; Deep neural networks

Statistical Analytics: Multi-level linear mixed modeling; Bayesian hierarchical modeling; Moderator and Mediator analyses (including important aspects in the context of randomized clinical trials); ANOVA; Simple and multivariate regression; Time Series Analysis; Structural equation modeling; Dynamic causal modeling