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EDUCATION

2021, Ph.D. (expected) — Department of Psychology & Neuroscience, Duke University
Certificates: Cognitive Neuroscience, College Teaching, Accomplishment in Teaching Writing in the Disciplines
Dissertation: Learning Context-Sensitive Control
PI: Tobias Egner; Committee: John Pearson, Elizabeth Marsh, Gregory Samanez-Larkin

2018, M.A. — Department of Psychology & Neuroscience, Duke University
Thesis: How episodic structure shapes the learning of cognitive control: A theoretical review

2013, B.A. — Department of Neuroscience, Pomona College
Thesis: *M1 and M2 activation of homologous mammalian Drosophila hemocytes*

PUBLICATIONS (* = undergraduate student mentored, ** = equal authorship contribution)

1. **Bejjani, C.**, Dolgin, J., Zhang, Z.*, and Egner, T. (2020). Disentangling the roles of cue visibility and knowledge in adjusting cognitive control: A preregistered direct replication of the Farooqui and Manly (2015) study. *Psychological Science*, 31(4), 468-479. https://doi.org/10.1177/0956797620904045
Open access preprint available here.

2. **Bejjani, C.**, Tan, S.*, and Egner, T. (2020). Performance feedback promotes proactive but not reactive adaptation of conflict-control. *Journal of Experimental Psychology: Human Perception and Performance, 46*(4), 369-387. https://doi.org/10.1037/xhp0000720
Open access preprint available here.

3. **Bejjani, C.** and Egner, T. (2019). Spontaneous task structure formation results in a cost to incidental memory of task stimuli. *Frontiers in Psychology*, 10, 2833. https://doi.org/10.3389/fpsyg.2019.02833

4. **Bejjani, C.**, DePasque, S., and Tricomi, E. (2019). Intelligence mindset shapes neural learning signals and memory. *Biological Psychology*, 146, 107715. https://doi.org/10.1016/j.biopsycho.2019.06.003
Open access preprint available here.
Article covered in Rutgers-Newark featured post

5. DiMenichi, B.C., Lempert, K.M., **Bejjani, C.**, and Tricomi, E. (2018). Writing about past failures attenuates cortisol responses and sustained attention deficits following psychosocial stress. *Frontiers in Behavioral Neuroscience*, 12: 45. http://doi.org/10.3389/fnbeh.2018.00045
Article covered in Newsweek, Science Daily, Forbes, The Daily Mail, Moneyish, Mic, New York Post, Neuroscience News, and more

6. **Bejjani, C**., Zhang, Z.*, and Egner, T. (2018). Control by association: Transfer of implicitly primed attentional states across linked stimuli. *Psychonomic Bulletin and Review*, 25(2): 617-626. http://dx.doi.org/10.3758/s13423-018-1445-6
Article covered in Psychonomics Featured Content

MANUSCRIPTS IN PROGRESS

1. **Bejjani, C**. and Egner, T. (under review at *Journal of Experimental Psychology: Learning, Memory, and Cognition*; open access preprint here). How reinforcement shapes the binding of stimulus-control associations.

2. Yang, B.W.**, **Bejjani, C.****, and Hard, B.M. (under review at *Teaching of Psychology*). Teaching intelligence mindsets with student data.

3. **Bejjani, C.****, Siqi-Liu, A.**, and Egner, T. (in preparation for *Journal of Human Perception and Performance*). Minimal impact of consolidation on learned switch-readiness.

REFEREED POSTER PRESENTATIONS

1. **Bejjani, C.** and Egner, T. (2020, November). Performance feedback enhances the binding of stimulus-control associations. Poster presented by C.B. at the 61st annual meeting of Psychonomics Society, virtual.

2. Yang, B.W.,** **Bejjani, C.****, Albus, T.*, O'Connor, T.*, Ebrem, C.*, and Hard, B.M. (2020, January). Using Language to Measure Student Beliefs about Intelligence. Poster presented by B.W.Y. and C.B. at the 42nd annual meeting of the National Institute on the Teaching of Psychology, St. Pete Beach, FL.

3. **Bejjani, C.** and Egner, T. (2019, November). Performance feedback promotes learned proactive but not reactive adaptation of conflict-control. Poster presented by C.B. at the 60th annual meeting of the Psychonomics Society, Montreal, CA.

4. Dolgin, J., **Bejjani, C.**, Zhang, Z.*, and Egner, T. (2019, May). Disentangling the roles of cue visibility and knowledge in learning cognitive control. Poster presented by J.D. at the 31st annual meeting of the Association for Psychological Science, Washington, D.C.

5. Zhang, Z.*, **Bejjani, C.**, Dolgin, J., and Egner, T. (2019, March). Disentangling the roles of cue visibility and knowledge in learning cognitive control. Poster presented by Z.Z. and J.D. at the 26th annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.

6. **Bejjani, C.**, Whitehead, P.S., Sali, A.W., Chiu, Y.C., and Egner, T. (2019, March). Assessing causal contributions of parietal cortex to learned cognitive flexibility. Poster presented by C.B. at the 26th annual meeting of the Cognitive Neuroscience Society, San Francisco, CA. *Won Graduate Student Award.*

7. **Bejjani, C.** and Egner, T. (2018, November). Causal transfer of specific attentional control states. Poster presented by C.B. at the 59th annual meeting of the Psychonomics Society, New Orleans, LA. *Won Psychonomics Graduate Travel Award.*

8. **Bejjani, C.** and Egner, T. (2018, March). Creating structured task-sets from categorical stimuli. Poster presented by C.B. at the 25th annual meeting of the Cognitive Neuroscience Society, Boston, MA.

9. Sali, A.W., **Bejjani, C.**, and Egner, T. (2018, March). Learning cognitive flexibility: Neural mechanisms of adaptive switch readiness. Poster presented by A.W.S. at the 25th annual meeting of the Cognitive Neuroscience Society, Boston, MA.

10. **Bejjani, C.**, Zhang, Z.*, and Egner, T. (2018, February). Causal transfer of specific attentional control states. Poster presented by Z.Z. at the North Carolina Cognition Conference, Chapel Hill, NC.

11. **Bejjani, C.** and Egner, T. (2017, October). Control by association: Transfer of implicitly primed control-

states across linked stimuli. Poster presented by C.B. at the 58th annual meeting of the Psychonomics Society, Vancouver, CA. *Won 3rd place for Psychonomics conference Division 3 Poster Award.*

12. Sali, A.W., **Bejjani, C.** and Egner, T. (2017, October). Neural mechanisms of learned switch-readiness. Poster presented by A.W.S. at the 58th annual meeting of the Psychonomics Society, Vancouver, CA.

13. **Bejjani, C.**, DePasque, S., Bhanji, J.P., and Tricomi, E. (2017, March). Effects of intelligence mindset on performance are mediated by dlPFC and caudate. Poster presented by C.B. at the 24th annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.

14. **Bejjani, C.**, DePasque, S., and Tricomi, E. (2016, April). Theory of intelligence influences striatal response to feedback after a demanding test. Poster presented by C.B. at the 9th annual meeting of the Social Affective Neuroscience Society, New York, NY.

15. **Bejjani, C.**, DePasque, S., and Tricomi, E. (2016, March). Cognitive appraisal of threat influences striatal response to negative feedback. Poster presented by C.B. at the 23rd annual meeting of the Cognitive Neuroscience Society, New York, NY. *Won the Cognitive Neuroscience Society People's Choice award.*

16. Sullivan-Toole, H., **Bejjani, C.**, and Tricomi, E. (2015, March). The interplay of choice and effort on outcome processing. Poster presented by H.S.T. and C.B. at the 22nd annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.

17. **Bejjani, C.H.**, King, J.T, and Watanabe, J. (2012, October). Conserved mechanism of phagocytosis in mammals and drosophila. Poster presented by C.B. at the 42nd annual meeting of the Society for Neuroscience, New Orleans, LA.

RESEARCH, TRAINING, & SERVICE GRANTS

2019 Germinator Grant ($25,000), Duke Institute for Brain Sciences
PIs: Christina Bejjani & Tobias Egner
Co-Is: John Pearson, Terrie Moffitt, Avshalom Caspi, and Alison Adcock
Towards a Computational Psychiatry of Transdiagnostic Deficits in Cognitive Control

Charles Lafitte Foundation Graduate Grant Award ($1,022), Duke University
PI: Christina Bejjani, Mentor: Tobias Egner
Modeling How Episodic Memory Affects the Learning of Cognitive Control on an Individual and Group Level

Charles Lafitte Foundation Graduate Grant Award ($4,880), Duke University
PIs: Christina Bejjani**, Brenda Yang**, Mentor: Bridgette Martin Hard
Intelligence Mindsets across Classrooms

2018 Graduate Student Training Enhancement Grant ($700), Duke Graduate School
Computational Summer School

Professional Development Grant ($1,500), Duke Graduate School
PIs: Christina Bejjani & Elizabeth Marsh
Psychology & Neuroscience Department - Women's Support Network
"How to Advocate for Yourself" panel, talks from Drs. Stacey Daughters & Alana Connor, & a biweekly writing group

2017 Graduate Student Training Enhancement Grant ($400), Duke Graduate School
Computational Summer School, offered but not accepted

HONORS AND AWARDS

2020 Vertical Integration Program Mentor, Duke University

Bass Digital Education Fellowship, Duke University

Dean's Award for Excellence in Mentoring, Duke University

2019, 2020 Competitive Summer Graduate Research Fellowship, Duke University

2018, 2019 Charles Lafitte Foundation Graduate/Postdoc Travel Award, Duke University

2019 Graduate Travel Award, Duke Graduate School

Preparing Future Faculty Program, Duke University

Graduate Student Award, Cognitive Neuroscience Society

2018 Graduate Travel Award, Psychonomics Society

Young Star Estes Award, Indiana University, Bloomington

2017, 2018 Summer Graduate Research Fellowship, Duke University

Claire Hamilton Conference Travel Award, Duke University

Interdisciplinary Behavioral Research Center Mini-Grant, Duke SSRI

2017 3rd place, Psychonomics conference Division 3 Poster Award, Psychonomics Society

Translational Ambassador, Duke University

2016 People's Choice Poster Award, Cognitive Neuroscience Society

2012 Sigma Xi Associate Member Nomination, Pomona College

Summer Undergraduate Research Fellowship, Pomona College

TEACHING EXPERIENCE

Instructor of Record:

2019 Introduction to Cognitive Psychology (Summer Term I), Duke University
https://cogpsychduke2019.github.io

Teaching Assistantships:

2019 Introduction to Statistical Methods in Psychology (Spring, Professor: Gregory Samanez-

Larkin, Duke University)

2018 Introduction to Cognitive Psychology (Fall, Professor: Roberto Cabeza, Duke University)

Distinction Thesis Workshop (Spring, Professor: Tobias Egner, Duke University)

2017 Introduction to Cognitive Neuroscience (Fall, Professor: Tobias Egner, Duke University)

Workshops, Guest Lectures, and Demos:

2019 Athletics Tutor, Introduction to Cognitive Psychology, Duke University

Guest Lecture/Research Talk, Neuropsychology, Meredith College

Consultant, Grad TA training workshop, Psychology & Neuroscience, Duke University

2018, 2019 Cognitive Neuroscience Admitting Program recruitment weekend demo on Transcranial Magnetic Stimulation (TMS), Duke University

2018 Guest Lecture, Introduction to Cognitive Psychology, Duke University

2017 JavaScript/Amazon Mechanical Turk Workshop for Cognitive Neuroscience Admitting Program and Psychology & Neuroscience graduate students and others, Duke University

Professional Development:

2019 – 2020 Preparing Future Faculty program, Duke University
Mentor: Betty-Shannon Prevatt, Meredith College
Competitive program geared towards introducing fellows to various faculty roles, including those at local liberal arts colleges, a state school, an HBCU, and a research university through onsite visits and one-on-one faculty mentorship

2019 Attendee at PsychOne Conference, Duke University

2018 Teaching Triangles, Duke University
Peer observation of teaching from two PhD (English and Political Science) students in the Certificate for College Teaching program

2018, 2019 Attendee at Teaching and Learning Conference, Elon University

2017 – Certificate of Accomplishment in Teaching Writing in the Disciplines, Duke University
Workshops taken: *Grading Student Writing, Crafting Effective Writing Assignments I: The Writing Task, Crafting Effective Writing Assignments II: The Writing Process, Helping Students Write Well Structured Papers, Rethinking the Library Research Paper*, in addition to reflections on writing assignments, feedback samples, and *The Elements of Teaching Writing: A Resource for Instructors in All Disciplines*

Certificate in College Teaching, Duke University
Courses taken: *Fundamentals of College Teaching, College Teaching – Course Design, College Teaching and Visual Communication, Research in the Classroom, Digital Pedagogy, Psychology Teaching Seminar*

MENTORING EXPERIENCE

Honors Thesis Students:

2017 – 2020 Ziwei Zhang, Class of 2020, Duke University
Now: PhD student at University of Chicago, PI: Monica Rosenberg

Awards:

Summer Neuroscience Program, Duke Institute for Brain Sciences
Charles Lafitte Foundation Undergraduate Travel Award, Duke University (2x)

Independent Study Students:

2019 – Vineethsubbu Somasundaram, Class of 2022, Duke University

Awards:

Vertical Integration Program, Psychology & Neuroscience, Duke University

2018 – 2019 Sophie Tan, Class of 2020, Duke University

Awards:

Vertical Integration Program, Psychology & Neuroscience, Duke University
Offered, but not accepted

Research Practicum Students and Research Assistants:

2019 Benjamin Romero Jr., Class of 2021, Duke University

2018 – 2020 Co-mentored with Brenda Yang, Duke University:
Noah Schaffir, Class of 2021;
Sydney Albert, Class of 2022;
Thomas O'Connor, Class of 2020, Now: Data Analyst, BNY Mellon
Taylor Albus, Class of 2020, Now: Technology Analyst, Goldman Sachs

2016 Jessica Renee Bowen, Class of 2018, Rutgers-Newark;
Mihika Gupta, Class of 2018, Rutgers-Newark

Professional Development:

2019 Participant, Mentorship Workshop series, Duke Institute for Brain Sciences

2018 Mentor to first-year Psychology & Neuroscience graduate students, Duke University

2016 – 2017 Founder of inaugural graduate/undergraduate student mentorship program for Women in Science and Engineering, Duke University

2016 Selected for inaugural graduate/undergraduate mentoring program: Passing the Torch, Women's Center, Duke University

2012 – 2013 Residential Adviser, Pomona College

RESEARCH EXPERIENCE

2016 – 2021 Department of Psychology & Neuroscience, Duke University
Ph.D. Graduate Student, Cognitive Neuroscience area
Mentors: Tobias Egner (advisor), Bridgette Martin Hard and John Pearson (collaborators)

2014 – 2016 Department of Psychology, Rutgers University, Newark
Principal Lab Assistant
PI: Elizabeth Tricomi

2013 – 2014 Department of Psychology, University of California, Los Angeles
Research Assistant
PI: Jesse Rissman, with Natalie De Shetler, Ph.D.

2011 – 2013 Departments of Neuroscience and Biology, Pomona College
Research Assistant
PIs: Junryo Watanabe & Rachel Levin

UNIVERSITY SERVICE

2017 – 2020 Graduate & Professional Student Council Representative, Psychology & Neuroscience, Duke University
Served on *Student Health Insurance Advisory Committee, Harassment Grievance Board, GPSC Advocacy Committee*

Discussion leader (1x) & member, Women in Science & Business book club (later known as Scientists Promoting Equity and Knowledge), Duke University

2020 Panelist, Graduate TA training workshop, Psychology & Neuroscience, Duke University

Reviewer, TA Guidelines for Psychology & Neuroscience, Duke University

Reviewer, Preparing Future Faculty Program, Duke University

Panelist, Preparing Future Faculty Information Session, Duke University

Presenter, Graduate Board of Visitors, Duke University

2017 – 2019 Graduate Student Affairs Liaison, Psychology & Neuroscience, Duke University

2018, 2019 Panelist on applying to graduate school, Psychology & Neuroscience, Duke University

2017 – 2018 Founder of Psychology & Neuroscience Women's Support Network, Duke University

Co-organizer of the Center for Cognitive Neuroscience journal club, Duke University

2016 – 2018 Co-organizer for the graduate student recruitment weekend for Psychology & Neuroscience, Duke University

2018	Presenter, Duke Institute for Brain Sciences External Advisory Board meeting
2017	Panelist on applying to graduate school, Neuroscience Majors Union, Duke University
	Video interview, Thompson Writing Program, The Graduate School, Duke University
	Planning committee member for Women in Science and Engineering, Duke University
2016, 2017	Organizer of talks by John Pearson, Ph.D. for the Center for Cognitive Neuroscience at Duke University ("Git, GitHub, and what your lab can gain from open science" and "Power analysis for the clueless")
2014 – 2016	Discussion leader & member, Women in Science book club, Rutgers-Newark
2009 – 2013	Editorial Board Member, Passwords (literary magazine), Pomona College
2010 – 2013	Co-founder of 5Cs Out Loud (creative expression club), Pomona College
2009 – 2011	Class representative, Pomona Events Committee, Pomona College
2009	Section Editor, Metate (yearbook), Pomona College

NATIONAL SERVICE

Ad-hoc Reviewer (alone and with advisor)*:

Cognition* • Cognitive Psychology* • Journal of Experimental Psychology: Learning, Memory and Cognition • Journal of Experimental Psychology: Human Perception and Performance* • Psychological Research*

Society-based:

2017, 2018	Volunteer at the 24th & 25th annual Cognitive Neuroscience Society meetings
2017	Judge for the Sigma Xi virtual Student Research Showcase

OUTREACH

Writing:

2019	Supervised cognitive psychology writing for Duke Research Blog, Duke University Innocent Until Proven Guilty? Well, That Depends by Casey Chanler 6-Month-Old Brains Are Categorically Brilliant by Jing Liu A Mind at Rest Still Has Feelings by Brynne O'Shea Are People Stuck with Their Political Views? by Casey Holman Move Your Eyes and Wiggle Your Ears by Benjamin Fiszel Your Brain Likes YOU Most by Kenan Kaptanoglu Putting Your Wandering Mind on a Leash by Jesse Lowey Just The Way You Can Say It Can Make Something 'True' by Kevyn Smith
2017, 2019	Writer for the Professional Development blog for the Duke University Graduate School:

Guest Post: *"Making Time to Write: The Value of Writing Groups"*
Guest Post: "Alumni Profiles Series: Vijeth Iyengar"
Guest Post: "Becoming a Better Teacher: Trans Inclusive Pedagogy"*

Community-based:

2020	Perkins Library Student Wall Exhibit: "What do we think about when we think about intelligence?", organized by Christina Bejjani, Brenda Yang; assisted by Ceren Ebrem, Sydney Albert, Noah Schaffir, and Bridgette Martin Hard
2017, 2020	Judge, NC Central Regional Science and Engineering Fair, Durham
2017, 2018	Kids table team leader, Duke Institute of Brain Sciences Brain Discovery Day
2016, 2017	Graduate mentor, US2020 Research Triangle Park STEM-focused Expos
2016	Volunteer presenter, Graduate Women in Science & NC Girl Scouts, Meredith College
	Lab coordinator of Summer Brain Camp, Rutgers-Newark
2011	Health Stimulus Initiative Intern, Portable Wellness Clinic, Chino Hills
2009 – 2011	Events committee organizer, Red Cross Club, Pomona College

ADDITIONAL TRAINING

2020	Introduction to Software Development, Duke University
	Introduction to SQL, Duke University
2018	Model-based Neuroscience Summer School, University of Amsterdam
	Summer School in Machine Learning, Duke University
	Summer School in Social Neuroscience and Neuroeconomics, Duke University
	Workshop on "Deep, fast and shallow learning in humans and machines", Indiana University, Bloomington
	Course in Science Communication, Duke University
2017	Graduate Teaching Assistant Training, Duke University
	Course in Transcranial Magnetic Stimulation (TMS), Duke University

PROFESSIONAL MEMBERSHIPS

American Psychological Association, Association for Psychological Science, Cognitive Neuroscience Society, Social and Affective Neuroscience Society, Society for Neuroscience, Sigma Xi Scientific Honor Society

TECHNICAL SKILLS

Languages:

Familiarity with Arabic and French

Computer-based:

JavaScript, HTML, CSS, Python, Matlab (incl. Psychtoolbox), R, MTurk, E-Prime, SPSS, JASP, BrainVoyager, FSL, Bootstrap, Photoshop, InDesign, Illustrator, Microsoft Office