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EDUCATION

2021, Ph.D.	Department of Psychology & Neuroscience, Duke University
Certificates:	Cognitive Neuroscience, College Teaching, Accomplishment in Teaching Writing in the Disciplines
Dissertation:	*Learning Context-Sensitive Control*
Committee:	Tobias Egner (Adviser), 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.****, Siqi-Liu, A.**, and Egner, T. (in press). Minimal impact of consolidation on learned switch-readiness. *Journal of Experimental Psychology: Learning, Memory, and Cognition*.
Open access preprint available here

2. **Bejjani, C**. and Egner, T. (in press). Evaluating the learning of stimulus-control associations through incidental memory of reinforcement events. *Journal of Experimental Psychology: Learning, Memory, and Cognition*. https://doi.org/10.1037/xlm0001058
Open access preprint available here

3. **Bejjani, C.**, Dolgin, J., Zhang, Z. ^, & 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.

4. **Bejjani, C.**, Tan, S. ^, & 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.

5. **Bejjani, C.** & 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
Open access preprint available here.

6. **Bejjani, C.**, DePasque, S., & 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

7. DiMenichi, B.C., Lempert, K.M., **Bejjani, C.**, & 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

8. **Bejjani, C.**, Zhang, Z. ^, & 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. Somasundaram, V. ^, **, **Bejjani, C.****, and Egner, T. (under review at *Acta Psychologica*; open access preprint here). Target-response contingency learning does not modulate cognitive control demands.

2. **Bejjani, C.**, Hoyle, R. H., and Egner, T. (under review at *Cognitive Psychology*; open access preprint here). Distinct but correlated latent factors support the regulation of learned conflict-control and task-switching.

3. **Bejjani, C.**, Cruz, R., and Egner, T. (in preparation). Learning context-sensitive control: A meta-analytic review.

4. **Bejjani, C.**, Whitehead, P. S., Chiu, Y. C., Sali, A. W., Dannhauer, M., and Egner, T. (in preparation). Assessing the contributions of left inferior parietal cortex to learned switch readiness.

5. Sali, A. W., **Bejjani, C.**, Cohen, J., and Egner, T. (in preparation). Learning cognitive flexibility: Neural mechanisms of adaptive switch readiness.

6. **Bejjani, C.**, Caspi, A., Moffitt, T., and Egner, T. (in preparation). Deficits in learned conflict control are associated with internalizing and thought disorder symptomatology.

REFEREED POSTER PRESENTATIONS

1. Somasundaram, V. ^, **Bejjani, C.**, & Egner, T. (03/2021). Contingency learning does not modulate cognitive control demands. Poster presented by V.S. at the 28th meeting of the Cognitive Neuroscience Society, virtual.

2. **Bejjani, C.** & Egner, T. (11/2020). Performance feedback enhances the binding of stimulus-control associations. Poster presented by C.B. at the 61st meeting of Psychonomics Society, virtual.

3. Yang, B.W.,** **Bejjani, C.****, Albus, T. ^, O'Connor, T. ^, Ebrem, C. ^, & Hard, B.M. (01/2020). Using Language to Measure Student Beliefs about Intelligence. Poster presented by B.W.Y. & C.B. at the 42nd meeting of the National Institute on the Teaching of Psychology, St. Pete Beach, FL.

4. **Bejjani, C.** & Egner, T. (11/2019). Performance feedback promotes learned proactive but not reactive adaptation of conflict-control. Poster presented by C.B. at the 60th meeting of the Psychonomics Society, Montreal, CA.

5. Dolgin, J., **Bejjani, C.**, Zhang, Z. ^, & Egner, T. (05/2019). Disentangling the roles of cue visibility and knowledge in learning cognitive control. Poster presented by J.D. at the 31st meeting of the Association for Psychological Science, Washington, D.C.

6. Zhang, Z. ^, **Bejjani, C.**, Dolgin, J., & Egner, T. (03/2019). Disentangling the roles of cue visibility and knowledge in learning cognitive control. Poster presented by Z.Z. and J.D. at the 26th meeting of the Cognitive Neuroscience Society, San Francisco, CA.

7. **Bejjani, C.**, Whitehead, P.S., Sali, A.W., Chiu, Y.C., & Egner, T. (03/2019). Assessing causal contributions of parietal cortex to learned cognitive flexibility. Poster presented by C.B. at the 26th meeting of the Cognitive Neuroscience Society, San Francisco, CA. *Graduate Student Award.*

8. **Bejjani, C.** & Egner, T. (11/2018). Causal transfer of specific attentional control states. Poster presented by C.B. at the 59th meeting of the Psychonomics Society, New Orleans, LA. Won *Psychonomics Graduate Travel Award.*

9. **Bejjani, C.** & Egner, T. (03/2018). Creating structured task-sets from categorical stimuli. Poster presented by C.B. at the 25th meeting of the Cognitive Neuroscience Society, Boston, MA.

10. Sali, A.W., **Bejjani, C.**, & Egner, T. (03/2018). Learning cognitive flexibility: Neural mechanisms of adaptive switch

readiness. Poster presented by A.W.S. at the 25th meeting of the Cognitive Neuroscience Society, Boston, MA.

11. **Bejjani, C.**, Zhang, Z.^, & Egner, T. (02/2018). Causal transfer of specific attentional control states. Poster presented by Z.Z. at the North Carolina Cognition Conference, Chapel Hill, NC.

12. **Bejjani, C.** & Egner, T. (10/2017). Control by association: Transfer of implicitly primed control-states across linked stimuli. Poster presented by C.B. at the 58th meeting of the Psychonomics Society, Vancouver, CA. *3rd place for Psychonomics conference Division 3 Poster Award.*

13. Sali, A.W., **Bejjani, C.** & Egner, T. (10/2017). Neural mechanisms of learned switch-readiness. Poster presented by A.W.S. at the 58th meeting of the Psychonomics Society, Vancouver, CA.

14. **Bejjani, C.**, DePasque, S., Bhanji, J.P., & Tricomi, E. (03/2017). Effects of intelligence mindset on performance are mediated by dlPFC and caudate. Poster presented by C.B. at the 24th meeting of the Cognitive Neuroscience Society, San Francisco, CA.

15. **Bejjani, C.**, DePasque, S., & Tricomi, E. (04/2016). Theory of intelligence influences striatal response to feedback after a demanding test. Poster presented by C.B. at the 9th meeting of the Social Affective Neuroscience Society, New York, NY.

16. **Bejjani, C.**, DePasque, S., & Tricomi, E. (03/2016). Cognitive appraisal of threat influences striatal response to negative feedback. Poster presented by C.B. at the 23rd meeting of the Cognitive Neuroscience Society, New York, NY. *Cognitive Neuroscience Society People's Choice award.*

17. Sullivan-Toole, H., **Bejjani, C.**, & Tricomi, E. (03/2015). The interplay of choice and effort on outcome processing. Poster presented by H.S.T. and C.B. at the 22nd meeting of the Cognitive Neuroscience Society, San Francisco, CA.

18. **Bejjani, C.H.**, King, J.T, & Watanabe, J. (10/2012). Conserved mechanism of phagocytosis in mammals and drosophila. Poster presented by C.B. at the 42nd 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 W. 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. Daughters & Connor, & a biweekly writing group

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

HONORS & 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:

2020	Introductory Programming for Online Social Science Experiments, Duke University https://socsciprogramming.github.io/
2019	Introduction to Cognitive Psychology (Summer Term I), Duke University https://cogpsychduke2019.github.io

Teaching Assistantships at Duke University:

2019	Introduction to Statistical Methods in Psychology (Spring, Professor: Gregory Samanez-Larkin)
2018	Introduction to Cognitive Psychology (Fall, Professor: Roberto Cabeza) Distinction Thesis Workshop (Spring, Professor: Tobias Egner)
2017	Introduction to Cognitive Neuroscience (Fall, Professor: Tobias Egner)

Workshops, Guest Lectures, and Demos:

2019	Athletics Tutor, Introduction to Cognitive Psychology, Duke University Guest Lecture/Research Talk, Neuropsychology, Meredith College Consultant, Graduate TA 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 & Psychology & Neuroscience students, Duke University

Professional Development:

2019 – 2020 Preparing Future Faculty program, Duke University
Mentor: Betty-Shannon Prevatt, Meredith College

2019 Attendee at PsychOne Conference, Duke University

2018 Teaching Triangles, Duke University

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

2017 – 2021 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 – 2021 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 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, First-year Psychology & Neuroscience graduate students, Duke University

2016 – 2017 Founder, Graduate/undergraduate student mentorship program, Duke Women in Science and Engineering

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

2012 – 2013 Residential Adviser, Pomona College

UNIVERSITY SERVICE

2017 – 2020 Graduate & Professional Student Council Representative, Psychology & Neuroscience, Duke University
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 Presenter, Trinity College Board of Visitors, Duke University
Panelist, Graduate TA 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 School Board of Visitors, Duke University

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

2018, 2019 Panelist, Applying to Graduate School, Psychology & Neuroscience, Duke University

2017 – 2018 Founder, Psychology & Neuroscience Women's Support Network, Duke University
Co-organizer, Center for Cognitive Neuroscience journal club, Duke University

2016 – 2018 Co-organizer, Psychology & Neuroscience Graduate Student Recruitment Weekend, Duke University

2018 Presenter, Duke Institute for Brain Sciences External Advisory Board meeting

2017 Panelist, Applying to Graduate School, Neuroscience Majors Union, Duke University
Planning Committee Member, Women in Science and Engineering, Duke University

2014 – 2016 Discussion leader (3x) & 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 & PROFESSIONAL MEMBERSHIPS

Journal Reviewer:

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

Society-based:

2017, 2018 Volunteer at the 24th & 25th Cognitive Neuroscience Society meetings

2017 Judge for the Sigma Xi virtual Student Research Showcase

Memberships:

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

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, 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, & Dr. 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 Presenter, Graduate Women in Science & NC Girl Scouts, Meredith College

2011 Health Stimulus Initiative Intern, Portable Wellness Clinic, Chino Hills

2009 – 2011 Events committee organizer, Red Cross Club, Pomona College

ADDITIONAL TRAINING

2021	UX & UI Bootcamp, Graduate Academy, Duke University
2020	Qualitative Research Methods, Graduate Academy, Duke University Introduction to Software Development, Graduate Academy, Duke University Introduction to SQL and Managing Big Data with MySQL coursera, Duke University Data Visualization and Communication with Tableau coursera, 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

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, Web Development

REFERENCES

Tobias Egner
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Bridgette Martin Hard
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John Pearson
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Elizabeth Tricomi
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