

KARINA HAMAMOUCHE

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EDUCATION

2019 (expected)	Ph.D. Candidate, Developmental Psychology Boston College (Chestnut Hill, MA)
2017	Certificate, Apprenticeship in College Teaching Boston College (Chestnut Hill, MA)
2016	M.A., Developmental Psychology Boston College (Chestnut Hill, MA)
2014	B.A., Psychology with Highest Honors & French with High Honors <i>Summa Cum Laude</i> Butler University (Indianapolis, IN)

HONORS AND AWARDS

2018	Boston College Dissertation Fellowship
2018	Boston College Dean of Summer Teaching Fellowship
2017, 2018	Graduate Student Association Leadership Award, Boston College
2017	Theta Foundation Individual Grant to attend the Conference of the Timing Research Forum (\$560)
2017	Wellcome Trust UK sponsored travel award to present at the Conference of the Timing Research Forum (350 euro)
2016, 2017	NIH sponsored travel award to present at the Math Cognition Conference (\$400; \$200)
2016	Theta Foundation Individual Grant to attend the International Mind, Brain, and Education Society Conference (\$820)
2015	Qualtrics Behavioral Research Grant (\$2,000)
2014	Phi Beta Kappa
2013	Edgar Lee Yeager Award, Butler University Highest academic honor accorded to an undergraduate in psychology
2013	Butler Summer Institute Scholar
2012, 2013	Top 10 Women, Butler University
2012, 2013	Top 100 Student, Butler University
2011, 2014	Dean's List, Butler University

PUBLICATIONS

**indicates joint first authorship*

+indicates undergraduate advisee

Hamamouche, K. & Cordes, S. (accepted). A developmental divergence of sub- and supra-second

timing and its relation to academic achievement. *Journal of Experimental Child Psychology*.

Hamamouche, K., *Keefe, M., Jordan, K., & Cordes, S. (accepted). Cognitive load affects numerical and temporal judgments in distinct ways. *Frontiers in Psychology, Perception Science*.

***Hamamouche, K.**, *Niemi, L., & Cordes, S. (2017). Quantifying a threat: Evidence of a numeric processing bias. *Acta Psychologica*, 177, 1-9. [pdf](#)

Rice, J., **Hamamouche, K.**, & Bohannon, J. (2017). The consequences of consequentiality. In O. Luminet, M. Conway & A. Curci (Eds. 2). *Flashbulb Memories: New Challenges and Future Perspectives*. London, UK: Psychology Press.

Hamamouche, K., & Cordes, S. (2016). Space, time, and number. In T. K. Shackelford & V.A. Weekes-Shackelford (Eds.), *Encyclopedia of Evolutionary Psychological Science*.

CONFERENCE PROCEEDINGS

Hamamouche, K. & Cordes, S. (2017, October). The Relation between symbolic and non-symbolic representations of time in childhood. *Proceedings of the 1st Annual Meeting of the Timing Research Forum*. Strasbourg, France: Timing Research Forum.

Hamamouche, K., Hurst, M., & Cordes, S. (2016, August). The effect of emotion and arousal on numeric processing. Proceedings of the 38th Annual Meeting of the Cognitive Science Society. Philadelphia, PA: Cognitive Science Society.

MANUSCRIPTS

Hamamouche, K., & Cordes, S. (revisions in progress). Number, time, and space are not singularly represented: Evidence against a common magnitude system beyond infancy.

Hamamouche, K., Chernyak, N., & Cordes, S. (revisions submitted). Sharing scenarios facilitate division performance in preschoolers.

Hamamouche, K., & Cordes, S. (under review). Learning about time: Knowledge of formal symbols predict age-related changes in temporal precision.

Hamamouche, K., Hurst, M., & Cordes, S. (in prep). The role of arousal in numerical processing.

TEACHING EXPERIENCE

Instructor of Record, Boston College (Chestnut Hill, MA)

Summer 2018 PSYC1120 Introduction to Statistics & Research I

Average Instructor Rating: 4.63/5

PSYC2269 Child Development (Hybrid)

Average Instructor Rating 2018: 4.63/5

Spring 2018 PSYC4467 Research Practicum in Lifespan Development

Average Instructor Rating: 4.86/5

Summer 2017 PSYC2269 Child Development

Average Instructor Rating 2017: 4.82/5

Fall 2016 PSYC2260 Developmental Psychology; Co-taught with Sara Cordes

Average Instructor Rating: 4.49/5

Teaching Assistantships, Boston College (Chestnut Hill, MA)

Fall 2017	PSYC1120 Introduction to Statistics & Research I
Spring 2017	PSYC3366 Social and Emotional Development
Spring 2016	PSYC3336 Clinical Psychology
Fall 2015	PSYC2260 Developmental Psychology
Spring 2015	PSYC1110 Introduction to Psychology as a Natural Science
Fall 2014	PSYC2260 Developmental Psychology

Guest Lectures, Boston College (Chestnut Hill, MA)

Spring 2017, 2018	SOCY2210 Research Methods <i>So you study babies? Methods in Developmental Psychology</i>
	PSYC3366 Social and Emotional Development <i>The Development of Moral Behavior</i>
Fall 2015	PSYC2260 Developmental Psychology <i>Morality Development, Emotional Development</i>
Fall 2015	SOCY2210 Research Methods <i>Research Methods in the Infant and Child Cognition Lab</i>
Fall 2014	PSYC2260 Developmental Psychology <i>Emotional Development</i>

Other Teaching Experience, Boston College (Chestnut Hill, MA)

2016	SPLASH Instructor, Course: Math in the Mind SPLASH is a program offered each semester at BC that aims to broaden the academic interests of high schoolers by offering free courses to interested students in the area.
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MENTORSHIP

2016 – 2018	Graduate Student Advisor, Psi Chi Honors Society
2015 – 2017	Mentor, Graduate Mentorship Program
2014 – Present	Undergraduate Thesis Advisor, Infant and Child Cognition Lab <i>Olivia Noe ('16), Investigating the Intersection of Sharing Behavior and Understanding of Division in Young</i> <i>Jenna Taylor ('16), The Effects of Emotional Faces on Children's Numerical and Counting Abilities</i> <i>Maura Keefe ('17), The Impact of Cognitive Load on Temporal and Numerical Processing</i> <i>Carolyn Patterson ('18), Understanding Proportions in a Gain and Loss Frame</i> <i>Auburn Stephenson ('19), How do Timing Abilities Relate to Academic Achievement?</i> <i>Kylie Gallo ('19), The Effect of Symbolic Feedback on Adult's Non-Symbolic Timing</i>
2014 – Present	Mentor, Psi Chi Graduate-Undergraduate Mentorship Program

CONFERENCE ORAL & POSTER PRESENTATIONS

*indicates an undergraduate advisee

- Hamamouche, K.,** [†]Keefe, M., Jordan, K., & Cordes, S. (2018, July). Cognitive load impacts temporal and numerical judgments in distinct ways. Poster presented at Cognitive Science Society Conference. Madison, WI.
- Hamamouche, K.** & Cordes, S. (2018, May). Knowledge of formal temporal symbols predict age-related changes in temporal precision. Talk presented at the Midwestern Cognitive Science Conference. Bloomington, IN.
- Hamamouche, K.** & Cordes, S. (2017, October). The relation between symbolic and non-symbolic representations of time. Talk presented at the First Conference of the Timing Research Forum. Strasbourg, France.
- Hamamouche, K.** & Cordes, S. (2017, October). The unique contributions of sub- and supra-second timing to academic achievement. Poster presented at Cognitive Development Society. Portland, OR.
- Hamamouche, K.,** Chernyak, N., Cordes, S. (2017, May). Social sharing scenarios facilitate division performance in preschoolers. Poster presented at Association for Psychological Science. Boston, MA.
- Hamamouche, K.,** Chernyak, N., Cordes, S. (2017, May). Presenting division problems in a social sharing context improves performance. Poster presented at the Math Cognition Conference. Nashville, TN.
- Hamamouche, K.,** [†]Taylor, J., Cordes, S. (2016, September). Heightened attention improves children's counting abilities. Poster presentation at International Mind, Brain, and Education Society Conference. Toronto, Canada.
- Hamamouche, K.,** Hurst, M., & Cordes, S. (2016, August). The effect of emotion and induced arousal on numerical processing. Talk presented at Cognitive Science Society Conference. Philadelphia, PA.
- Hamamouche, K.** & Cordes, S. (2016, May). Diminished marginal utility and numeric processing in childhood. Poster presentation at Math Cognition Conference. Fort Worth, TX.
- Hamamouche, K.,** Hurst, M., & Cordes, S. (2016, April). The effect of emotion and induced arousal on numerical processing. Talk presented at Boston-Area Graduate Students in Psychology Conference. Boston, MA.
- Hamamouche, K.,** & Cordes, S. (2015, October). The relationship between diminished marginal utility and numeric processing in childhood. Poster presentation at Cognitive Development Society Conference. Columbus, OH.
- Hamamouche, K.,** Lauth, E., McGlone, B., Spelman, T., Bohannon, J. N. (2014, May). Remembering the one that got away: Could Tylenol help? Poster presentation at Association for Psychological Science. San Francisco, CA.
- Hamamouche, K.,** Lauth, E., Bohannon, J. N. (2014, May). Recollections of the Boston bombings. Poster presentation at Association for Psychological Science. San Francisco, CA.
- Hamamouche, K.,** Lauth, E., Jones, C., Bohannon, J. N. (2014, March). Recollections of discovering the Boston marathon bombings. Poster presentation at Southeastern Psychological Association. Nashville, TN.

- Hamamouche, K.,** Sutter, A., Bohannon, J. N. (2014, March) Remembering the one that got away: Tylenol will help. Poster presentation at Southeastern Psychological Association. Nashville, T.N.
- Bohmer, E., **Hamamouche, K.,** Robinson-Norris, A., Bohannon, J.N. (2013, May). Remembering social rejection: Evidence of adaptive memory. Poster presented at Association for Psychological Science. Washington, D.C.
- Hamamouche, K.,** Bable, R., Bohannon, J. N. (2013, May). Remembering the one that got away; Take Tylenol. Poster presentation at Association for Psychological Science. Washington, D. C.
- Hamamouche, K.,** Bable, R., Bohmer, E., Bohannon, J. N. (2013, March). Modulating social rejection: Taking Tylenol helps you remember and feel better. Poster presentation at Southeastern Psychological Association. Atlanta, GA.
- Hamamouche, K.,** Jennings, L., Bohannon, J. N. (2012, May). Tylenol enhances memory during social rejection. Poster presentation at Association for Psychological Science. Chicago, IL.
- Jennings, L., **Hamamouche, K.,** Bohannon, J. N. (2012, May). Coming out memories: Arousal and recount. Poster presentation at Association for Psychological Science. Chicago, IL.
- Hamamouche, K.,** Jennings, L., Bohannon, J. N. (2012, February). Tylenol effects on memory during social rejection. Poster presentation at Southeastern Psychological Association. New Orleans, LA.
- Fisher, C., **Hamamouche, K.,** Sauer, K., Bohannon, J. N. (2011, May). Consistency of first kiss recall among couples: Evidence of collaborative recollection: It started with a kiss. Poster presentation at Association for Psychological Science. Washington, D. C.
- Hillman, J., Atkinson, D., **Hamamouche, K.,** Fisher, C., Hilliard, A., Bohannon, J.N. (2011, May). Consistency in the memories of parents and children for traumatic childhood injuries. Poster presented at Association for Psychological Science. Washington, D.C.

PUBLIC OUTREACH

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| 2017 | Guest Speaker, Living Laboratory Field Trip, Boston Museum of Science |
| 2017, 2018 | Panelist, REU Graduate Student Workshops, Boston College |
| 2016 | Guest Speaker, Teen Psych Program, Boston Museum of Science |
| 2015 – Present | Volunteer, Science on the Streets, Cambridge Science Festival |

DEPARTMENTAL SERVICE

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| 2016 – 2018 | Vice President, Psychology Graduate Association, Boston College |
| 2016 | Organizer, Women in Science Panel, Boston College |
| 2015 – 2018 | Organizer, Developmental Workshops, Boston College |

REFERENCES

Dr. Sara Cordes, Boston College
Tel: 617-552-4112 • cordess@bc.edu

Dr. Karen Rosen, Boston College
Tel: 617-552-4104 • karen.rosen@bc.edu

Dr. Elizabeth Kensinger, Boston College
Tel: 617-552-1350 • elizabeth.kensinger@bc.edu

Dr. David Goodman, Boston College
Tel: 617-552-3455 • david.goodman@bc.edu