

Mark Antony Gorenstein

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Education

- 2016 COLUMBIA UNIVERSITY, New York, NY
B.A. in Computer Science
3.7 GPA, Philosophy concentration within major
- 2014-2015 ST. CATHERINE'S COLLEGE, Oxford, UK
Computer Science-Philosophy
Selective year-long exchange program

Experience

- July 2016- EPILEPSY & COGNITION LAB, Lebanon, NH
Research Assistant
Restoring Active Memory Project
P.I.'s: Dr. Barbara Jobst (Dartmouth)
& Dr. Michael Kahana (UPenn)
- 2014-2015 LAB FOR THE PHILOSOPHY & PSYCHOLOGY OF RATIONALITY & DECISION, Oxford, UK
Research Assistant
- Summer 2015 YOSSARIAN, London, UK
NLP Research & Development
- 2013-2014 OPEN SYLLABUS PROJECT, New York, NY
Research Programmer

Conference Abstracts

- [ACCEPTED W/
TRAVEL AWARD] **Gorenstein MA**, Jobst BC, et al., "Modulating interictal spiking through targeted electrical stimulation during a word list memory task," *American Neurological Association*, San Diego, CA, USA. SELECTED FOR ORAL PRESENTATION DURING DATA BLITZ SESSION.
- [ACCEPTED] **Gorenstein MA**, Jobst BC, et al., "Evaluating the effects of targeted electrical stimulation on interictal spiking across stimulation sites and parameters," *Society for Neuroscience*, Washington, D.C., USA

[ACCEPTED] **Gorenstein MA**, Jobst BC, et al., “Assessing the Cognitive Impact of Morphologically Distinct Interictal Spikes,” *American Epilepsy Society*, Washington, D.C., USA

Publications

[SUBMITTED] Ezzzat Y, Wanda PA, Levy D, Kadel A, Aka A, Pedisich I, Sperling MR, Sharan AD, Lega BC, Burks A, Gross RE, Inman CS, Jobst BC, **Gorenstein MA**, Davis KA, Worrell GA, Kucewicz MT, Stein JM, Gorniak R, Das SR, Rizzuto DS, Kahana MJ, “Closed-loop stimulation of temporal cortex rescues functional networks and improves memory,” *Submitted*.

Teaching & Mentorship

2016 NEW HAMPSHIRE ACADEMY OF SCIENCE
Referee of submissions to the annual meeting of the American Junior Academy of Science

2012-2013 AMERICA READS (P.S. 76 AND P.S. 180)
Volunteer literacy tutoring three days per week in Harlem

Workshops

Aug. 2017 ACTION UNDERSTANDING SUMMER WORKSHOP, Hanover, NH

Apr. 2017 DARTMOUTH NEUROSCIENCE DAY, Hanover, NH

Oct. 2016 CENTER FOR COGNITIVE NEUROSCIENCE RETREAT, Fairlee, VT

Aug. 2016 PREDICTIVE CODING SUMMER WORKSHOP, Hanover, NH

Skills

TOOLS & LIBRARIES

SciPy Stack (NumPy, Matplotlib, pandas, scikit-learn, etc.)
nltk, Flask, Processing, D3.js, jsPsych, jQuery,
L^AT_EX, Git/GitHub, AWS, MongoDB

PROGRAMMING LANGUAGES

Python, C/C++, Java, MATLAB, JavaScript, HTML, CSS, SQL

NATURAL LANGUAGES

Russian (Heritage Speaker)
French (Elementary Proficiency)

References

BARBARA C. JOBST
Professor of Neurology
Director of Epilepsy Center
Vice Chair of Neurology
Geisel School of Medicine
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SALVADOR MASCARENHAS
Assistant Professor
Department of Cognitive Studies
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DANIEL FOSTER-SMITH
Co-Founder and CTO
Yossarian
dan@yossarianlives.com