David J.M. Kraemer, Ph.D.

Curriculum Vitae

Department of Education
Dartmouth College
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Citizenship: United States of America

EDUCATION

1998-2002	B.S., Psychology - Neuroscience Focus, Tufts University, Medford, MA B.A., Drama Community Health certificate program Topic: "Smoking in high school: habits and risk awareness" Minor: Computer Science
2002-2007	Ph.D., Cognitive Neuroscience, Dartmouth College, Hanover, NH Dissertation: "The role of domain-specific cortex in retrieving stored sensory information"

EMPLOYMENT

2001	Project and Research Assistant, Inflexxion, Inc. Newton, MA.
2001-2002	Volunteer Undergraduate Research Assistant, Cognitive Neuroscience
2007-2012	Postdoctoral Fellow, Dept. of Psychology, University of Pennsylvania
2010	Lecturer, Dept. of Psychology, University of Pennsylvania
2012-Present	Assistant Professor, Dept. of Education, Dartmouth College

GRANTS / AWARDS / FELLOWSHIPS RECEIVED

2001 (Summer)	National Institutes of Health Predoctoral Intramural Research Training Award. Laboratory of Brain and Cognition, NIMH. PI: A. Martin
2003 (Summer)	Fellow, McDonnell Summer Institute in Cognitive Neuroscience. Dartmouth College, Department of Psychological and Brain Sciences.
2006-2007	Dana Foundation for Biomedical Sciences Grant. "Dance as a Catalyst for Multimodal Integration." Co-author, funded graduate student. (PI: Grafton, Kelley).
2011	New York Academy of Sciences and Aspen Brain Forum. 2011 *Aspen Brain Forum Prize Finalist*
2009-2012	NSF, DRL-0910247. "Individual Differences in Cognitive Styles." Co-author, Senior Personnel. ($469,758 total direct costs; PI: Thompson-Schill).

FUNDING RECEIVED VIA DARTMOUTH

2014	Rockefeller Center Faculty Grant, "The Neural Representation of Conceptual Learning" ($9,240)
2014	Walter and Constance Burke Research Initiation Award ($12,500)
2013-2015	Dean of Faculty Undergraduate Research Grants: Daniel Harris '14, Nikita Raman '16, Joshua Cetron '16
2013-2015	James O. Freedman Presidential Scholar Research Assistants: Daniel Harris '14, Joshua Cetron '16, Hannah Coleman '15, Ellen Pearlman '15
2014	Kaminsky Research Fund for Sophomores and Juniors: Nikita Raman '16
2013	Women in Science Program: Emily Kong '16

SUBMITTED PROPOSALS FOR INTERNAL POSTDOCTORAL FUNDING

2014	Neukom Postdoctoral Fellowship (co-mentor James Haxby): Andy Connolly
2015	Society of Fellows (co-mentor Peter Tse): Rakesh Sengupta
2015	Neukom Postdoctoral Fellowship (co-mentor Peter Tse): Rakesh Sengupta
2015	Neukom Postdoctoral Fellowship (co-mentor Peter Tse): Elizabeth Renner

SUBMITTED PROPOSALS FOR EXTERNAL FUNDING

Jan., 2014	National Science Foundation; REAL – Research on Education and Learning; "The Neural Representation Of Conceptual Understanding in Science" (36 mo., $499,769 total costs); Personnel: **D.J.M. Kraemer (PI)**, J.V. Haxby (Co-I), P.U. Tse (Co-I), A.C. Connolly (Postdoc)
May, 2014	National Science Foundation; BRAIN Initiative – EAGER Proposal; "A Unified Framework for Knowledge: Decoding the Interactions of Top-Down Retrieval and Conceptual Representations"; Personnel: **D.J.M. Kraemer (PI)**, A.E. Green (Co-PI), J.V. Haxby (Co-I), A.C. Connolly (Postdoc)
June, 2014	Spencer Foundation; Lyle Spencer Research Award; "Assessing the Benefits of Hands-On Learning and Cognitive Skills Training in Science" (48 mo., $750,000-$1,000,000 total costs); Personnel: **D.J.M. Kraemer (PI)**, H.A. Taylor (senior pers.), J.V. Haxby (senior pers.), A. Hutton (senior pers.)
August, 2014	Institute for Educational Sciences; Goal 1; Cognition and Student Learning; "Assessing the Benefits of Hands-On Learning and Cognitive Skills Training in Science" (48 mo., $1,477,703 total costs); Personnel: **D.J.M. Kraemer (PI)**, H.A. Taylor (senior pers.), J.V. Haxby (senior pers.), A. Hutton (senior pers.)
Sept., 2014	Swiss National Science Foundation; Mathematics, Natural sciences and Engineering (division II); "Understanding aesthetic experience for improving visual representations in landscape planning"; (12 mo.; $21,000 subaward); Personnel: A. Gret-Regamey (PI), V.R. Schinazi (Co-I), R.A. Epstein (senior pers.), **D.J.M. Kraemer (adviser),** W. Wang (adviser), H. Spiers (adviser)

SUBMITTED PROPOSALS FOR EXTERNAL FUNDING *(continued)*

Nov., 2014 National Science Foundation Graduate Research Fellowship Award; "The neural basis of learning and reasoning about a novel representational space" Student: Katherine Alfred

Dec., 2014 National Institutes of Health, Ruth Kirchstein National Research Service Award; "Math anxiety and emotion regulation"; Student: Rachel Pizzie

TEACHING / MENTORSHIP

Teaching Assistant – Dartmouth College

2002 Abnormal Psychology
Assisted students with course material
Graded papers, exams

2003 Laboratory in Psychological Science
Conducted weekly lab section on experimental methods and statistics
Supervised and evaluated students' lab experimentation

2004 Cognition
Wrote and presented lecture: "Frontal lobe function"
Graded papers, exams

2004 Personality and Abnormal Psychology
Wrote and presented lecture: "Eating disorders"
Selected questions for all exams

Lecturer – University of Pennsylvania

2009 Neuroscience Boot Camp, Center for Neuroscience and Society.
Led 1 hour workshop session: "fMRI Data Analysis"
Led 1 hour workshop session: "Neuroscience and Education"
Lecture: "Voodoo Correlations"

2010 Neuroscience Boot Camp, Center for Neuroscience and Society.
Led 1 hour workshop session: "Puzzlingly High Correlations"
Led 1 hour workshop session: "Do Learning Styles Really Exist?"

2010 Undergraduate Course: Education and Cognitive Science, Psychology Dept.
This course met twice weekly for 1.5 hour sessions.
Created and taught this new advanced undergraduate seminar on the bridges between Education and Experimental Psychology/Neuroscience.

2011 Neuroscience Boot Camp, Center for Neuroscience and Society.
Led 1 hour workshop session: "Do Learning Styles Really Exist?"

Research Mentor – University of Pennsylvania

2007-2012 Undergraduate Independent Study Projects:

2007-2008 Lauren Rosenberg. Senior Honors Thesis: "The neural correlates of visual and verbal cognitive styles." *Winner: Morris Viteles Award for outstanding senior project.*

2009-2010 Eric Myhre. Independent Study: "Anxiety and Cogntive Control."

2009-2010 Philip Cawkwell. Senior Honors Thesis: "The role of cognitive style in real-world navigation."

TEACHING / MENTORSHIP *(continued)*

2010-2011 Prerana Bharadwaj. Senior Honors Thesis: "Individual differences in decision-making based on visual and verbal presentation."

2011-2012 Hope Feldman. Senior Honors Thesis: "Automatic Cross-Talk Between Languages in Bilinguals: Evidence for Interference from Unheard L1 Target"

2007-2012 Oversaw ten paid and volunteer undergraduate research assistants

Assistant Professor – Dartmouth College

2012-Present Developed and taught three courses in the Education department, focusing on the connections between education, cognitive psychology, and neuroscience:

- EDUC09/51: Individual Differences and Assessment
- EDUC16: Educational Psychology
- EDUC56: STEM and Education

2014 PhD Advisor: Rachel Pizzie (grad student in PBS) – expected 2017

2014 PhD Advisor: Katherine Alfred (grad student in PBS) – expected 2019

PROFESSIONAL ACTIVITIES

Service to the Department/College

- Cognitive Science Steering Committee
- Authored cluster hire proposal "Successful Learning: *Transforming learning and instruction through research innovation"*
- Promoted department through campus talks (at DCAL and Thayer School)
- Hosted external speaker, Priti Shah (University of Michigan)
- Helped set up visit to Teacher Education Program by speaker Sam Drazin
- Guest lecture in EDUC20
- Participated in Education Department Fall open house

Memberships and Affiliations

Cognitive Neuroscience Society
Psychonomic Society
American Educational Research Association
Society for Neuroscience

Ad-hoc Reviewer

Cortex
Journal of Cognitive Neuroscience
Behavioral and Brain Functions
Mind, Brain, and Education
Brain Research

INVITED LECTURES, OUTREACH ACTIVITIES, MEDIA COVERAGE

2005-2006	Media coverage of article published by Kraemer, Macrae, Green, & Kelley (2005), including NPR's "All Things Considered", NBC's "Today Show", and various other online and print news sources
January, 2006	Neuroscience Day, Frances Richmond Middle School, Hanover, NH "The Sound of Silence: Musical Imagery and the Brain"
January, 2007	Neuroscience Day, Frances Richmond Middle School, Hanover, NH "Dance, Dance Revolution and Learning New Skills"
April, 2010	Annual Symposium: Science of Learning, Harvard Medical School "From Lab to Lecture Hall: Insights from Cognitive Neuroscience Concerning Visual Learning and Instruction"
September, 2010	Pennsylvania Superintendents Study Council, Harrisburg, PA "Cognitive Science and Education"
October, 2011	Annual Meeting of the Association of Science-Technology Centers, Baltimore, MD. "How We Learn"
October, 2011	Mental Imagery and Cognition Symposium, Stanford University. "Cognitive correlates of cognitive styles."
April, 2013	Invited lecture presented to advanced seminar course, *Cognitive Neurogenetics*. Georgetown University. "Learning and Cognitive Styles: Individual Differences in Modality-Specific Processing."
April, 2013	Presented brain specimens to students and parents at "Brain-o-mania", Dothan Brook School, Wilder, VT.
October, 2013	Jones Seminar Talk, Dartmouth College, Thayer School of Engineering. "The Science of Learning: Methods and Evidence." Presented lecture for faculty and separate discussion session with Thayer graduate students
March, 2014	Invited talk presented to Dartmouth Center for Advancement of Learning, Teaching Science Seminar.
April, 2014	Presented brain specimens to students and parents at "Brain-o-mania", Dothan Brook School, Wilder, VT.
August, 2014	Coverage of my research in Nautilus Magazine, article: "This is your brain on silence"

INVITED LECTURES, OUTREACH ACTIVITIES, MEDIA COVERAGE *(continued)*

September, 2014 Invited talk presented at Dartmouth Center for Cognitive Neuroscience Retreat, Lake Morey Resort, Fairlee, NH. "Individual differences in cognitive processing"

March, 2015 Will present invited talk to Cognitive Science group; D-GESS, Department of Humanities, Social and Political Sciences, ETH Zurich

PUBLICATIONS

Peer Reviewed Journal Articles

Kraemer, DJM, Macrae, CN, Green, AE, Kelley, WM. (2005). Musical imagery: the sound of silence activates auditory cortex. *Nature,* 434(7030):158.

Green, AE, Fugelsang, JA, **Kraemer, DJM**, Shamosh, NA, Dunbar, KN. (2006). Frontopolar cortex mediates abstract integration in analogy. *Brain Research,*1096(1):125-137.

Green, A, Fuglesang, J, **Kraemer, DJM**, & Dunbar, K. (2008). The micro-category account of analogy. *Cognition*, *106*(2):1004-16.

Cross, ES, **Kraemer, DJM**, Hamilton, AF, Kelley, WM, & Grafton, ST. (2009). Sensitivity of the action observation network to physical and observational learning. *Cerebral Cortex*, *19*(2):315-26.

Kraemer, DJM, Rosenberg, LM, & Thompson-Schill, SL. (2009). The neural correlates of visual and verbal cognitive styles. *Journal of Neuroscience*, *29*(12):3792-8.

Cross, ES, Hamilton, AF, **Kraemer, DJM**, Kelley, WM, & Grafton, ST. (2009). Dissociable substrates for body motion and physical experience in the human action observation network. *European Journal of Neuroscience, 30*(7):1383-92.

Green, AE, **Kraemer, DJM**, Fugelsang, JA, Gray, JR, & Dunbar, KN. (2010). Connecting Long Distance: Semantic Distance in Analogical Reasoning Modulates Frontopolar Cortex Activity. *Cerebral Cortex, 20*(1):70-6.

Narasimhan, S, Hodge, R, Doyle, GA, **Kraemer, DJM**, Prabhakaran, R, Rickels, K, Bloch, PJ, Lohoff, FW. (2011). Association analysis between the 5-HTTLPR polymorphism in the SLC6A4 gene and generalized anxiety disorder. *Psychiatric Genetics.*

Prabhakaran, R, **Kraemer, DJM**, & Thompson-Schill, SL. (2011). Approach, avoidance, and inhibition: Personality traits predict cognitive control abilities. *Personality and Individual Differences, 51(4)*:439-444.

PUBLICATIONS *(continued)*

Peer Reviewed Journal Articles *(continued)*

Hsu, NS, **Kraemer, DJM**, Oliver, RT, Schlicting, ML, & Thompson-Schill, SL. (2011). Color, context, and cognitive style: Variations in color knowledge retrieval as a function of task and subject variables. *Journal of Cognitive Neuroscience, 23(9)*:2544-57.

Green, A. E., **Kraemer, D. J. M.**, Fugelsang, J. A., Gray, J. R., & Dunbar, K. N. (2012). Neural Correlates of Creativity in Analogical Reasoning. *Journal of Experimental Psychology-Learning Memory and Cognition*, *38*(2), 264–272. doi:10.1037/a00257 64

Green, A. E., **Kraemer, D. J. M.**, DeYoung, C. G., Fossella, J. A., & Gray, J. R. (2013). A Gene-Brain-Cognition Pathway: Prefrontal Activity Mediates the Effect of COMT on Cognitive Control and IQ. *Cerebral Cortex*, *23*(3), 552–559. doi:10.1093/cercor/bhs035

Kraemer, D. J. M., Hamilton, R. H., Messing, S. B., DeSantis, J. H., & Thompson-Schill, S. L. (2014). Cognitive style, cortical stimulation, and the conversion hypothesis. *Frontiers in Human Neuroscience*, *8*. doi:10.3389/fnhum.2014.00015

Revise and Resubmit

Kraemer, D. J. M., Schinazi, V. R., Cawkwell, P. B., Epstein, R. A., & Thompson-Schill, S. L. (2014, expected). Verbalizing, Visualizing, and Navigating: The Effect of Strategies on Encoding a Large-Scale Virtual Environment. *Revise and Resubmit - Journal of Experimental Psychology: Learning, Memory, and Cognition.*

Lee, Y. S., Hanke, M., **Kraemer, D. J. M.**, Peele, J. E., & Granger, R. H. (2014, expected). Functionally segregated voice patches in human temporal cortex. *Revise and Resubmit - Journal of Neurophysiology.*

Manuscripts In Preparation

Kraemer, D. J. M., Prabhakaran, R., DeSantis, J., Tekriwal, A., & Thompson-Schill, S. L. (2015, expected). Intelligence and Cognitive Styles: Same Difference? *Submitted*.

Kraemer D. J. M., Persichetti A. S. & Thompson-Schill S. L. (2015, expected). The connectivity of cognitive styles: individual differences in the integration of visual and verbal brain areas. *In Preparation*.

Lupyan, G., **Kraemer, D. J. M.**, Prabhakaran, R., & Thompson-Schill, S. L. (2015, expected). The influences of verbal labels and encoding strategy on visual recognition memory. *In Preparation*.

Kraemer, D. J. M., Prabhakaran, R., DeSantis, J. H., & Thompson-Schill, S. L. (2015, expected). A common genetic source for inhibition ability across linguistic domains. *In Preparation*.

PUBLICATIONS *(continued)*

Manuscripts In Preparation *(continued)*

Alfred, K. L., Pizzie, R. G., Harris, D. S., & **Kraemer, D. J. M.** (2015). Individual differences in material-specific encoding. *In Preparation*.

Nastase, S. A., Green, A. E., Cross, E. S., Lee, Y. S., Haxby, J. V., & **Kraemer, D. J. M.** (2015). The interaction of prefrontal cortex and modality-specific cortices in retrieving perceptual knowledge. *In Preparation*.

Active Projects with Publications Expected in 2015

Title: Individual differences in visual and verbal processing
Role: Senior Investigator; Collaborators: Katherine Alfred, Rachel Pizzie, Daniel Harris
Description: Functional MRI and behavioral investigations into the ways in which different individuals process verbal and visuospatial materials. Individual difference measures include novel tasks as well as standardized measures of domain-specific (visual and verbal) working memory, intelligence, and cognitive styles. The upshot of our findings is that cognitive styles reliably differentiate individuals on the basis of self-report preferences and neural activity, but any observed behavioral differences in task performance are small and fit well into other theoretical models, such as transfer-appropriate-processing. In brief, aptitude-by-treatment interactions are not indicated.

Title: Grounded understanding of Newtonian physics
Role: Senior Investigator; Collaborators: Andrew Connolly, Sol Diamond, Vicki May, Joshua Cetron, Elizabeth Renner
Description: In collaboration with Thayer School professors, this project targets physics learning from the perspective of the sensorimotor hypothesis of learning. In particular, we are examining the advantage, if any, that is afforded by hands-on learning versus online learning of specific mechanical engineering concepts, and high visuospatial abilities. ***Submitted: Neukom Fellowship application, Nov., 2014.***

Title: Deductive reasoning and abstract conceptual spaces
Role: Senior Investigator; Collaborators: Katherine Alfred
Description: Using fMRI and novel deductive reasoning tasks, we are investigating the neural representation of abstract conceptual spaces, such as a learned hierarchy of relationships (e.g., If Fred is taller than James, and James is taller than Roger, is Fred taller than Roger?). This sort of reasoning forms the basis of logical analyses and discrete mathematics, among other topics, yet little is known about its neural foundation. This work stands to provide novel insight into the building of such representations de novo. ***Submitted: NSF Graduate Student Fellowship, Nov., 2014.***

PUBLICATIONS *(continued)*

Active Projects with Publications Expected in 2015 *(continued)*

Title: Math anxiety and emotion regulation
Role: Senior Investigator; Collaborators: Rachel Pizzie, Nikita Raman
Description: From grade school through adulthood, many individuals appear to suffer from an aversion or fear of mathematics. Although some self-report surveys have been developed to identify math anxiety, little is known about how it relates to other forms of anxiety, and how emotion regulation techniques may help alleviate negative effects. This is our focus. ***Submitted: NIH NRSA Graduate Student Fellowship, Dec., 2014.***

Title: Levels and domains of cognitive control
Role: Collaborator/Potential Co-mentor; Collaborators: Peter Tse, Kevin Hartstein, Alex Schlegel, Katherine Alfred, Rakesh Sengupta
Description: Working with the Tse Lab, we are investigating the neural and computational basis of cognitive control (CC). In particular, we are interested in whether CC acts as a unitary system or is segregated based on domain of information and level of abstraction. ***Submitted: Neukom Fellowship application, Nov., 2014.***

Conference Presentations

Kraemer, DJM, Moran, JM, Green, AE, Kelley, WM, & Macrae, CN. (2004). Change in reading style elicits enhanced recognition memory. April 2004, Cognitive Neuroscience Society Annual Meeting, San Francisco CA.

Kraemer, DJM, Macrae, CN, Green, AE, Kelley, WM. (2005). The Sound of Silence: Musical imagery activates primary auditory cortex. April 2005, Cognitive Neuroscience Society Annual Meeting, New York NY.

Green, AE, **Kraemer, DJM**, Fugelsang, J, & Dunbar, K. (2006). Frontopolar cortex becomes more active for more abstract analogies. March 2006, Cognitive Neuroscience Society Annual Meeting, San Francisco CA.

Bennett, CM, **Kraemer, DJM**, Cross, ES, Tunik, E, and Ortigue, S. (2006). Prediction of subjective behavior ratings using statistical analysis of BOLD signal covariance in flatmapped brains**.** Pittsburgh Brain Activity Interpretation Competition; *selected for poster presentation.* June 2006, Human Brain Mapping Annual Meeting, Florence, Italy.

Kraemer, DJM, Cross, ES, Grafton, SC, & Kelley, WM. (2006). Neural substrates of action observation in response to biological and symbolic cues. Oct. 2006, Society for Neuroscience Annual Meeting, Atlanta GA. *Selected for oral presentation.*

Kraemer, DJM, Cross, ES, Hamilton, AF, Grafton, SC, & Kelley, WM. (2007). Multisensory imagery across auditory, visual, and motor modalities. Oct. 2007, Society for Neuroscience Annual Meeting, San Diego CA.

PUBLICATIONS *(continued)*

Conference Presentations *(continued)*

Kraemer, DJM, Rosenberg, LM, & Thompson-Schill, SL. (2008). The Neural Correlates of Visual and Verbal Cognitive Styles. Nov. 2008, Psychonomic Society Annual Meeting, Chicago IL.

Kraemer, DJM, Rosenberg, LM, & Thompson-Schill, SL. (2009). The Neural Correlates of Visual and Verbal Cognitive Styles. March 2009, Cognitive Neuroscience Society Annual Meeting, San Francisco CA.

Lupyan, G, **Kraemer, DJM**, Prabhakaran, R, & Thompson-Schill, SL. (2009). Memory for Pictures is Influenced by Verbal Labels and Encoding Strategy. Nov. 2009, Psychonomic Society Annual Meeting, Boston MA.

Prabhakaran, R, **Kraemer, DJM**, & Thompson-Schill, SL. (2009). Personality Traits Predict Cognitive Control Ability. Nov. 2009, Psychonomic Society Annual Meeting, Boston MA.

Kraemer, DJM, Prabhakaran, R, & Thompson-Schill, SL. (2009). Cognitive Styles, Reasoning Abilities, and Cognitive Control. Nov. 2009, Psychonomic Society Annual Meeting, Boston MA.

Kraemer, DJM, Prabhakaran, R, & Thompson-Schill, SL. (2010). Cognitive styles, reasoning abilities, and cognitive control. Annual Conference on Executive Function, Determinants of Executive Function & Dysfunction Center, University of Colorado at Boulder, Boulder, CO.

Prabhakaran, R, **Kraemer, DJM,** Lohoff, FW, & Thompson-Schill, SL. (2010). Personality traits predict cognitive control abilities. Annual Conference on Executive Function, Determinants of Executive Function & Dysfunction Center, University of Colorado at Boulder, Boulder, CO.

Hsu, NS, **Kraemer, DJM,** Oliver, RT, Schlichting, ML, & Thompson-Schill, SL. (2010). Functional magnetic resonance imaging (fMRI) evidence for multiple color knowledge representations influenced by context and cognitive style. Cognitive Neuroscience Society Annual Meeting, Montreal, Canada.

Prabhakaran, R, **Kraemer, DJM,** Trueswell, JC, & Thompson-Schill, SL. (2010). Common mechanisms underlying lexical and syntactic ambiguity resolution. Cognitive Neuroscience Society Annual Meeting, Montreal, Canada.

Kraemer, DJM, Hsu, NS, & Thompson-Schill, SL. (2010). Cognitive styles and semantic retrieval of common object knowledge. Cognitive Neuroscience Society Annual Meeting, Montreal, Canada.

PUBLICATIONS *(continued)*

Conference Presentations *(continued)*

Kraemer, DJM, Prabhakaran, R, & Thompson-Schill, SL. (2010). Cognitive styles, reasoning abilities, and cognitive control. Principal Investigator Meeting, National Science Foundation Program on Research and Evaluation of Education in Science and Engineering (REESE), Washington, D.C.

Prabhakaran, R, **Kraemer, DJM,** Trueswell, JC, Lohoff, FW, & Thompson-Schill, SL. (2010). A Role for the COMT Val^{158}Met Polymorphism in Lexical and Syntactic Ambiguity Resolution. Psychonomic Society Annual Meeting, St. Louis, MO.

Kraemer, DJM, Schinazi, VR, Cawkwell, PB, Epstein, RA, & Thompson-Schill, SL. (2010). Individual Differences in Spatial Navigation: The Influence of Cognitive Styles. Psychonomic Society Annual Meeting, St. Louis, MO.

Kraemer, DJM, Schinazi, VR, Cawkwell, PB, Epstein, RA, & Thompson-Schill, SL. (2011). Individual Differences in Spatial Navigation: The Influence of Cognitive Styles. Cognitive Neuroscience Society Annual Meeting, San Francisco, CA.

Kraemer, D. J. M. (2011) The Neural Basis of Learning. *Association of Science-Technology Centers (ATSC) Annual Meeting*, Baltimore, MD. (Invited Talk)

Kraemer, D. J. M. & Thompson-Schill, S. L. (2011) Cognitive correlates of cognitive styles: neural and behavioral findings. *NSF REESE Annual PI Meeting*, Washington, D.C. (Poster)

Kraemer, D. J. M. (2011) Cognitive correlates of cognitive styles: neural and behavioral findings. *Mental Imagery and Cognition Symposium*, Stanford University. (Invited Talk)

Kraemer, D. J. M., Hamilton, R. H., Messing, S. B., DeSantis, J., & Thompson-Schill, S. L. (2012) Effect of Left Supramarginal Gyrus TMS on Working Memory Interacts with Verbal Cognitive Style. *Annual Meeting of the Cognitive Neuroscience Society*, Chicago, IL. (Poster)

Kraemer, D. J. M., Hamilton, R. H., Messing, S. B., DeSantis, J., & Thompson-Schill, S. L. (2012) Effect of Left Supramarginal Gyrus TMS on Working Memory Interacts with Verbal Cognitive Style. *Workshop on Concepts, Actions and Objects*, Rovereto, Italy. (Poster)

Kraemer, D. J. M. (2012). Individual differences in cognitive styles: a cognitive neuroscience approach. *Educurious*, Dartmouth College, Hanover, NH. (Talk)

PUBLICATIONS *(continued)*

Conference Presentations *(continued)*

Kraemer, D. J. M. (2013). Learning and Cognitive Styles: Individual Differences in Modality-Specific Processing. Lecture presented to advanced Psychology seminar course, *Cognitive Neurogenetics*. Georgetown University.

Kraemer, D. J. M. (2014). Individual differences in cognitive processing. Dartmouth Center for Cognitive Neuroscience Retreat, Lake Morey Resort, Fairlee, NH. (Talk)

Alfred, K. L., Pizzie, R. G., Harris, D. S., & **Kraemer, D.J.M.** (2015). Individual differences in material-specific encoding. Submitted for Cognitive Neuroscience Society Annual Meeting, San Francisco, CA. (Poster)