

CURRICULUM VITAE

Sharon L. Thompson-Schill

Christopher H. Browne Distinguished Professor of Psychology
University of Pennsylvania

Contact Information

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Education

1987-1991	B.A.	Davidson College (Psychology) Magna Cum Laude with Honors in Psychology
1991-1996	Ph.D.	Stanford University (Cognitive Psychology) Dissertation: Context effects on word recognition: Implications for models of lexical representation
1996-1999		Post-doctoral Fellow University of Pennsylvania (Neurology and Psychology)

Current Faculty Appointments

2014 – present	Chair, Department of Psychology, University of Pennsylvania
2017 – present	Director, MindCORE, University of Pennsylvania
2012 – present	Christopher H. Browne Distinguished Professor of Psychology, University of Pennsylvania
1999 – present	Adjunct Scientist, Moss Rehabilitation Research Institute
2008 – present	Professor of Psychology in Neurology, School of Medicine University of Pennsylvania

Prior Faculty Appointments

1993-1995	Instructor of Psychology, Stanford University
1996	Instructor of Psychology, College of Notre Dame
1999-2003	Assistant Professor of Psychology and Neurology, University of Pennsylvania
2003 – 2008	Class of 1965 Term Associate Professor of Psychology and Neurology, University of Pennsylvania
2006	Visiting Associate Professor, Swarthmore College
2004 – 2012	Director of the Honors Program in Psychology, Univ of Penn
2008 – 2012	Class of 1965 Term Professor of Psychology, University of Pennsylvania
2009 – 2014	Director of Undergraduate Studies, Psychology, Univ of Penn
2010 – 2014	Director, Center for Cognitive Neuroscience, Univ of Penn
2014 – 2017	Co-Director, Center for Cognitive Neuroscience, Univ of Penn

Honors and Awards

1989	Fellow, Pew Foundation for the Carolinas-Ohio Science Education Network
1991	Phi Beta Kappa
1991	William Gatewood Workman Award for Excellence in Psychology, Davidson College
1994	Centennial Teaching Assistant Award, Stanford University
1995	Graduate Research Opportunities Award, Stanford University
1997	Fellow, McDonnell Summer Institute in Cognitive Neuroscience
1999	Professional Opportunities for Women in Research and Education Award, National Science Foundation
2000	Searle Scholars Award
2001	Professors Hall of Fame, 2001 Undergraduate Course Guide, Univ of Penn
2003	Young Investigator Award, Cognitive Neuroscience Society
2003	Class of 1965 Endowed Term Chair, Univ of Penn
2004	Women in Cognitive Science Mentorship Award
2005	Charles Ludwig Teaching Award, Univ of Penn
2006	Lindback Award for Distinguished Teaching, Univ of Penn

Honors and Awards, cont.

- 2007 Fellow, Association for Psychological Science
- 2008 James McKeen Cattell Fund Fellowship
- 2008 Biological Basis of Behavior Society Professor of the Year, Univ of Penn
- 2009 Penn Fellow, Univ of Penn
- 2012 Christopher H. Browne Distinguished Professor Chair, Univ of Penn
- 2016 Trustees' Council of Penn Women Award for Advising, Univ of Penn
- 2018 Provost's Award for Distinguished Ph.D. Teaching & Mentoring, Penn
- 2018 Psychonomic Society Mid-Career Award
- 2018 Fellow, Society of Experimental Psychologists

Research Interests

We study the biological bases of human cognitive systems – perception, memory, language, thought, cognitive control – and the interrelations among these systems, with a particular emphasis on the characterization of typical and atypical variation across individuals.

Recent projects emphasize (1) functions of the frontal lobe in the regulation of thought and behavior, especially in relation to language and memory processes; and (2) the organization and neural substrates of concept knowledge (especially knowledge of visual attributes) and the relation between conceptual information and perception and language.

We answer these questions by developing and implementing a wide array of behavioral and neuroscientific methods with both typical and atypical populations, including functional magnetic resonance imaging (fMRI), lesion-deficit mapping of neurological patients, transcranial magnetic stimulation (TMS), genotypic analysis of typical variation, on-line eye-tracking, & so on.

Grants (Currently Active)

National Institutes of Health, R01DC015359, “Conceptual Combination”, 2016-2021, Principal Investigator (\$340,000 annual direct costs)

National Institutes of Health, R01DC009209, “Linguistic and Nonlinguistic Functions of Frontal Cortex”, 2007-2019, Principal Investigator (\$365,000 annual direct costs)

National Institutes of Health, R01NS099061, “Understanding action selection in the tool use network”, 2016-2021, Co-Investigator (PI: L. Buxbaum) (\$322,000 annual direct costs)

National Institutes of Health, R01MH113550, “Longitudinal mapping of network development underlying executive dysfunction in adolescence”, 2018-2023, Co-Investigator (PI: T. Satterthwaite) (\$322,000 annual direct costs)

Grants (Concluded)

McDonnell-Pew Program in Cognitive Neuroscience, Investigator-initiated grant, "Cognitive Neuropsychological Models of Category Specificity", 1996-1998, Principal Investigator (\$35,000 annual direct costs)

National Institute on Aging, National Research Service Award, "Models of Semantic Impairment in Alzheimer's Disease", 1997-1999, Principal Investigator (\$52,860 direct costs)

National Science Foundation, "Semantic and Executive Functions of Prefrontal Cortex", 1999-2000, Principal Investigator (\$46,276 direct costs)

University of Penn Research Foundation, "Effects of Prefrontal Lesions on Semantic and Executive Functions", 1999-2000, Principal Investigator (\$15,000 direct costs)

National Institutes of Health, R01MH/NS60414, "Neural Bases of Semantic Memory", 2000-2004, Principal Investigator (\$200,000 annual direct costs)

National Institutes of Health, Supplement to R01MH/NS 60414, Principal Investigator (\$132,635 total direct costs)

Searle Scholars Program, "Linguistic and Non-linguistic Functions of Prefrontal Cortex", 2000-2003, Principal Investigator (\$80,000 annual direct costs)

National Institutes of Health, R01DC04052, "An fMRI Investigation of Language in Both Hemispheres", 2001-2006, Co-Investigator (\$250,000 annual direct costs)

National Institutes of Health, R01MH62103, "Word Encoding and Recognition in Schizophrenia", 2001-2007, Co-Investigator (\$150,000 annual direct costs)

National Institutes of Health, R01DC04817, "Concepts and Language", 2002-2007, Co-Investigator (\$ 225,000 direct costs)

National Institutes of Health, R01MH67008, "Linguistic and Nonlinguistic Functions of Frontal Cortex", 2002-2007, Principal Investigator (\$225,000 annual direct costs)

University of Pennsylvania Research Foundation, "Visual Knowledge of Concepts in the Congenitally Blind", 2003-2004, Principal Investigator (\$11,700 direct costs)

National Institutes of Health, "Cognitive Neuroscience of Body Schema and Motor Control", pending, Co-Investigator (\$225,000 annual direct costs)

National Science Foundation, "Relations between the awareness and differentiation of emotional experience and activity in the neural circuitry of emotion regulation", Principal Investigator, 2004, (\$8,250 direct costs)

University of Pennsylvania Research Foundation, "The Role of Broca's Area and Conflict Resolution in Sentence Comprehension", 2007-2008, Co-Investigator (\$33,900 direct costs)

National Institutes of Health, R01MH70850, "Neural Bases of Visual Knowledge", 2005-2012, Principal Investigator (\$279,000 annual direct costs)

National Institutes of Health, R01DC000191, "Psycholinguistic Analysis of Aphasia Syndromes", 2006-2011, (PI: Myrna Schwartz), Consultant

National Science Foundation, DRL-0910247, "Individual Differences in Cognitive Styles", 2009-2012, Principal Investigator (\$533,722 direct costs)

Grants (Concluded)

National Institutes of Health, R21MH083029, “Effects of Psychopathology on Prefrontal Cortical Functioning During Goal-Directed Categorization”, 2009-2012 (\$150,000 annual direct costs)

National Institutes of Health, R01DC009209-07S1, “Linguistic and Nonlinguistic Functions of Frontal Cortex - Supplement”, 2009-2011, Principal Investigator (\$174,618 annual direct costs)

University of Penn Research Foundation, “Spontaneous Code Switching”, 2013-2014, Principal Investigator (\$40,000 direct costs)

National Institutes of Health, R01EY021717, “Object Concepts”, 2011-2016, Principal Investigator (\$250,000 annual direct costs)

National Institutes of Health, R21HD078072. “Spontaneous Code Switching”, 2014-2017, Principal Investigator (\$275,000 direct costs)

Imagination Institute, “Transcranial direct current stimulation to enhance creative uses for objects”, 2015-2017, Co-Investigator (\$87,500 annual direct costs)

Memberships in Professional and Scientific Societies

Association for Psychological Science (Fellow)
Cognitive Neuroscience Society
Memory Disorders Research Society (Elected)
Psychonomic Society (Fellow)
Society for the Neurobiology of Language
Society for Neuroscience

Professional Activities

Statistical Consulting:

1990	Clinical Neuropsychiatry Dept, F. Hoffmann-La Roche; Switzerland
1993-1995	Association for Support of Graduate Students Private national consultation service based in Lake Tahoe, NV
1993-1995	Summer Honors Institute, Stanford University
1996-2001	Academic Consultants International Private international consulting service based in Foster City, CA

Professional Activities

Editorial:

Cognitive, Affective, & Behavioral Neuroscience (guest editor; special issue on Indiv. Diff.)
Psychological Bulletin (Consulting Editor, 2008 – 2010)
Brain and Language (Editorial Board; Action Editor, 2010 – 2011)
Journal of Experimental Psychology: General (Associate Editor, 2011-2014)
Cognitive Neuroscience (Co-Editor-in-Chief, 2012 – 2014; Editorial Board, 2009 – 2012, 2014-present)

Academic Service:

Stanford University

1992-1994 Graduate admissions committee
1992-1994 Graduate faculty-student liaison
1993 Coordinator of Stanford-Berkeley Symposium in Cognitive Psychology
1995 Statistics Curriculum Committee

University of Pennsylvania

1999 – 2001 Cognitive Neuroscience Search Committee, Psychology
1999 – 2001 Graduate Admissions Committee, Psychology
2000 Summer Workshop Program Committee, IRCS
2001 Provost's Strategic Planning Committee
2000 – 2002 School of Arts and Sciences Curriculum Committee, SAS
2000 – 2002 Retreat Planning Committee, INS
2001 – 2002 Institute for Neurological Sciences Advisory Committee
2001 – 2002 Graduate Group Advisory Committee, Psychology
2000 – 2002 Junior Advising, Psychology
2001 – 2005 Graduate Group Academic Review Committee, Neuroscience
2002 – 2005 Graduate Student Advisory Team, Neuroscience
2003 – 2005 Chair's Advisory group, Psychology
2003 – 2005 Combined Degree Admissions Committee, Neuroscience
2004 Panelist, Refocusing General Education Symposium, SAS
2004 Speaker, Welcome to the College, SAS
2005 Speaker, Senior Reception, SAS
2005 Speaker, Psi Chi Induction Ceremony, Psychology

Academic Service:

University of Pennsylvania, cont.

2005	Behavioral Neuroscience Search Committee, Psychology
2005	Career-Family Balance Group, University
2005	Panelist, Going on the Academic Job Market, Penn Career Services
2005	Reappointment Committee (chair), Psychology
2005	Research Asst Professor Search Committee, Psychology
2000 – 2007	Co-director of IRCS Summer Workshop, University
2004 – 2006	Project Development Committee, Center for Functional Neuroimaging
2005 – 2006	Social Psychology Planning Committee, Psychology
2005	Speaker, Welcome to the College, SAS
2006	Speaker, Neurobiology-Behavioral Sciences Building Meeting, SAS
2007	Speaker, Board of Overseers Meeting, SAS
2007	Lindback Award Selection Committee, University
2007 – 2008	Psychology Grad Group Admissions/Advisory Committee, Psychology
2008	Speaker, Trustees Meeting, SAS
2008	Speaker, Faculty to Faculty Lunch, Center for Teaching & Learning, SAS
2001 – 2008	Undergraduate Curriculum Committee, Psychology
2003 – 2008	Freshman Advising, SAS
2005 – 2008	Seminar Planning Committee, Neuroscience
2006 – 2008	Committee on Undergraduate Education, SAS
2006 – 2007	Social Psychology Search Committee, Psychology
2006 – 2008	Critical Writing Committee, SAS
2007 – 2010	Board of Advisors, Communication Within the Curriculum, SAS
2009	Speaker, Penn Academy Weekend, Pebble Beach, University
2009 – 2010	IRCS Mission Report Committee, University
2009 – 2010	Teaching Awards Committee, University
2005 – 2010	IGERT Steering Committee, University
2005 – 2010	IGERT Education Committee (chair), University
2009 – 2011	Committee on Committees, SAS
2009 – 2011	PIK Neuroscience Advisory Committee, University
2009 – 2011	Integrated Studies Planning Committee, SAS
2010 – 2011	Year of Games Committee, University

Academic Service:

University of Pennsylvania, cont.

2010 – 2011	SAS-PIK Satellite Committee, SAS
2011 – 2012	Radiology Chair Search Committee, School of Medicine
2006 – 2013	Provost's Classroom Renovations Committee, University
2005 – 2014	University Research Foundation Review Committee, University
2009 – 2014	Chair's Advisory Group, Psychology
2009 – 2014	Departmental Ad-hoc Faculty Reappointment Committees, Psychology
2012 – 2013	Comm. for Reaccreditation Self-study (subcommittee co-chair), Univ.
2012 – 2013	Consultative Committee for the SAS Dean, University
2012 – 2013	Faculty Search Committee, Psychology
2011 – 2015	Student Disciplinary Hearing Panel, SAS
2011 – 2015	Integrated Studies Advisory Committee, SAS
2005 – 2016	IRCS Advisory Board, University
2015 – 2016	Faculty Working Group on Mechanisms of Abnormal Behavior, SAS
2015 – 2016	Psychiatry Chair Search Committee, Perlman School of Medicine
2014 – 2017	SAS Strategic Planning / Mapping the Mind Working Group, SAS
2014 – 2017	Neuroscience PIK Committee, University
2007 – present	Executive Committee, Beh and Cog Neuro Training Grant, University
2015 – present	Planning and Priorities Committee, SAS

External Service

2000	Cognitive Science 2000 Annual Meeting Program Committee
2002	Honors Examiner, Psychology, Swarthmore College
2002 – 2005	Society for Neuroscience Education Committee
2003 – 2005	IFCN-7 NIH Study Section
2003	NIH ad hoc review panel, Role of Neuroimaging in Aphasia Rehab
2003	External Undergraduate Examiner, Davidson College
2004	Symposium Co-Chair (Individual Differences), Society for Neuroscience
2004	Special Issue Editor, <i>Cognitive, Affective, & Behavioral Neuroscience</i>
2005	Panelist, Harvard Radcliffe Women's Leadership Conference
2006	NIH ad hoc member NIDCD R03 Review Panel
2007	External Undergraduate Examiner, Davidson College

Academic Service:

External Service, cont.

2007	Selection Committee, APA Early Career Award
2007 – 2008	Fellows Committee, Association for Psychological Science
2008	NIH ad hoc member NIDCD Fellowship Review Panel
2009	External undergraduate examiner, Davidson College
2009	Working group on the Society for the Neurobiology of Language
2007 – 2010	Board of Directors (Elected), Association for Psychological Science
2009 – 2010	Program Committee, Neurobiology of Language Conference 2010
2009 – 2013	Cognition & Perception NIH Study Section
2010 – 2011	Spence Award Committee, Association for Psychological Science
2011 – 2015	Publications Committee of the Psychonomic Society
2011	External Undergraduate Examiner, Davidson College
2008 – 2011	Chair, Fellows Committee, Association for Psychological Science
2011 – 2013	Chair, Cognition & Perception NIH Study Section
2013	Panelist, Seminar for Professional Development, Women in Cog Sci
2011 – 2014	Board of Directors (Elected), Society for the Neurobiology of Language
2013	External department reviewer, Rice University
2013	Panelist, The Imposter Syndrome, Women in Cognitive Science
2014	Ad hoc grant reviewer, Israel Science Foundation
2014	Editor Search Committee, <i>Cognitive, Affective, & Behavioral Neuroscience</i>
2014 – 2016	Nominations Committee, Society for the Neurobiology of Language
2015	External Undergraduate Examiner, Davidson College
2015	Chair, Special Emphasis Panel, NIH
2015	NIMH Comte Center Review Panel
2015	Speed mentoring; Women in Cognitive Science
2019	External review, University of Southern California
2013 – present	Committee on Science and the Arts, Franklin Institute
2015 – present	Program Committee (Elected), Cognitive Neuroscience Society
2014 – present	Organizing Committee, Workshop on Concepts, Actions, and Objects
2017 – present	Cattell Sabbatical Fund Trustee

Teaching Activities

Instructor, Undergraduate Courses:

Introduction to Psychology
Statistical Methods
Learning, Memory, and Cognition
Human Neuropsychology
Introduction to Cognitive Neuroscience
Honors Seminar in Psychology
Freshman Seminar: The Unconscious Mind
Integrated Studies Program: Thought (Cognitive Science section)

Instructor, Graduate Courses:

Cognitive Neuroscience Proseminar
Cognitive Neuroscience of Memory
Seminar in selected topics in cognitive neuroscience

Lecturer:

Systems Neuroscience (graduate course)
Methods in Psychology (graduate course)
IRCS Summer Workshop in Cognitive Science
Workshop for High School Biology Teachers
Brain Awareness Week
Neuroscience Boot Camp

Graduate students:

Primary advisor

Stacey Schaefer (1999 – 2006); Associate Scientist, U of Wisconsin, Madison
Irene Kan (2001 – 2006); Associate Prof of Psychology, Villanova Univ
Marina Bedny (2001 – 2006); Assistant Professor, Johns Hopkins
Robyn Oliver (2001 – 2007); User Experience, Senior Staff, Qualcomm
Laura Barde (2000 – 2007); Research Services Manager, UCSF
Daniel Drucker (2004-2006); Senior Investigator, Lunenfeld-Tanenbaum Research Inst
Ranjani Prabhakaran (2004 – 2010); Client Services Manager, Academic Benchmarking Consortium Inc.
Nicholas Hindy (2007 – 2012); Assistant Prof, Univ of Louisville
Nina Hsu (2007 – 2012); Research Associate, Univ of Maryland
Marc Coutanche (2008 – 2013); Assistant Prof, Univ of Pittsburgh
Lisa Musz (2012 – 2017); Post-doctoral Fellow, John Hopkins Univ
Sarah Solomon (2014 – present)
Nathan Tardiff (2014 – present)
Ariana Familiar (2015 – present)
Haiyun (Tima) Zeng (2017-Present)

Graduate students:

Co-advisor

Jared Novick (2001 – 2006); Assistant Professor, Univ of Maryland
Andy Connolly (2002 – 2006); Assistant Professor, Dartmouth College
David January (2004 – 2008); Market Access Writer, Evidera
Christine Boylan (2010 – 2015); Data Scientist, The Goodyear Tire & Rubber Company
Marcelo Mattar (2011 – 2016); Post-doctoral fellow, Princeton University

Committee member

Joe Kable, committee chair (2000 – 2004); Associate Professor, Univ of Penn
Marc Egeth (2001 – 2004); Senior Director at Core Human Factors, Inc.
Kim Noble, committee chair (2002 – 2005); Associate Professor, Columbia Univ
J.P. Jameson (2003 – 2005); Associate Professor, Appalachian State Univ
Per Sederberg (2005 – 2006); Associate Professor, Univ of Virginia
Joe McGuire, committee chair (2005 – 2007); Assistant Professor, Boston Univ
Josh Jacobs (2005 – 2008); Assistant Professor at Columbia Univ
Elizabeth Smith (2007-2008)
Marieke van Vugt (2007-2008); Assistant Prof, Rijksuniversiteit Groningen
Irena Ilieva (2010 – 2011); Instructor, Weill Cornell Medicine
Nicole Senecal Cooper (2010 – 2013); Post-doctoral Fellow, Univ of Penn
Lauren Hallion (2010 – 2103); Research Assistant Professor, Univ of Pittsburgh
Nicole Long (2011 – 2015); Post-doctoral Fellow, Univ of Oregon

Postdoctoral fellows

Geeta Shivde (2001 – 2004); Associate Prof of Psychology, West Chester University
Dawn Morales (2003 – 2006); Health Specialist, NIH
Tatiana Schnur (2003 – 2006); Associate Prof, Baylor College of Medicine
Rob Goldberg (2004 – 2007); Founder & CEO, Neumitra
Eiling Yee (2004 – 2010); Assistant Prof of Psychology, Univ of Connecticut
Evangelia Chryssikou (2006 – 2011); Associate Prof, Drexel Univ
Malathi Thothathiri (2008 – 2010); Assistant Prof, George Washington Univ
Gary Lupyan (2008 – 2010); Associate Prof of Psychology, U Wisconsin, Madison
David Kraemer (2007 – 2012); Assistant Prof of Education, Dartmouth College
Jared Minkel (2011 – 2012); Clinical Assistant Professor, Brown Univ
Matt Weber (2009 – 2014); Data Scientist, Bloomberg LP
Nazbanou Nozari (2011 – 2013); Assistant Prof of Neurology, Johns Hopkins
Yune Lee (2011 – 2014); Assistant Prof, Ohio State Univ
Jorge Valdes Kroff (2011 – 2014); Assistant Prof of Spanish, Univ of Florida
Heath Matheson (2014 – 2017); Assistant Prof, Univ of Northern British Columbia
John Medaglia (2104 – present); Assistant Prof, Drexel Univ
Elisabeth Karuza (2014 – 2018); Assistant Prof, Penn State Univ
Anna Leshinskaya (2015 – present)
Yoed Kennett (2016 – present)
Alexa Tompary (2017 – present)
Cybelle Smith (2019 – present)

Undergraduate students

Selected from over 75 students from 1999-2016:

Katy Cross, Nassau Award, 2004
Whitney Parker, Health Emotions Research Institute Scholars Award, 2004
Justin Hulbert, Nassau Award, 2004
Lauren Rosenberg, Vagelos Award, 2007
David Nguyen, Sabini Award, 2009
Arber Tasimi, Dean's Scholar Award, 2010; Kanter Research Award, 2010
Doron Roberts-Kedes, Penn Undergraduate Research Mentorship Award, 2012
Avi Chanales, Alumni Society Prize for Excellence in Research, 2012
Christina Woodard, Viteles Award for Excellence in Undergrad Research, 2013
Elena Leib, Penn Undergraduate Research Mentorship Award, 2013
Melissa Co, Penn Undergraduate Research Mentorship Award, 2013
Christina Leon, Penn Undergraduate Research Mentorship Award, 2016
Ivy Tse, Millstein Family Undergraduate Research Award, 2017
Mira Bajaj, Velay Fellow, 2017

Research Assistants

Irene Kan (1998 – 2001); Assoc. Prof, Villanova University
Jeris Minor (2000 – 2001); Principal at Blaze Clinical, Villanova Univ
Jessica Pickard (2001 – 2003)
Melissa Brandon (2002 – 2004); Assistant Prof, Bridgewater State Univ
Elizabeth Hirshorn (2003 – 2005); Assistant Prof, SUNY New Paltz
Hannah Snyder (2004 – 2006); Assistant Prof, Brandeis Univ
Mark Macdonald (2005 – 2007)
Ben Greené (2006 – 2008); Director, Research and Innovation, Parker Remick
Steven Frankland (2007 – 2009); Post-doctoral Fellow, Harvard
Andrea Houghtling (2008 – 2010); Doctoral student, Rutgers
Jennifer DeSantis (2009 – 2011); Training Program Manager, Stanford Univ
Samuel Messing (2009 – 2011); Senior Software Engineer, Google
Elizabeth Musz (2010 – 2012); Post-doctoral Fellow, John Hopkins Univ
Angel Dyke (2011 – 2012)
Andrew Perschetti (2011 – 2013); Doctoral student, Emory
Sarah Solomon (2012 – 2014); Doctoral student, UPenn
Zuzanna Balewski (2014 – 2016); Doctoral student, UC Berkeley
Ruthie Wittenberg (2014 – 2016); Doctoral student, UPenn
Emilio Tamez (2104 – 2016); Performance Agency Measurement Lead, Facebook
Kathryn Graves (2016 – 2018)
Michelle Johnson (2016 – present)
Alice Xia (2018 – present)

Invited Talks

- 1997 Davidson College; Martinez Veterans Administration; University of California, Davis; Stanford University
- 1998 University of Pennsylvania; University of Virginia; Bryn Mawr College; University of Chicago; Temple University; Princeton University
- 1999 Stanford University; National Institutes of Health; Emory University
- 2000 Cognitive Science Society; Yale University
- 2001 Villanova University; International Conference on Memory (Valencia, Spain); Swarthmore College
- 2002 Stanford University; University of California, Davis; Martinez Veterans Administration; Duke University
- 2003 Massachusetts Institute of Technology; U Penn; Moss Rehabilitation Research Institute; New York University; University of Michigan; UPenn Psychology Commencement Address; Donders Lecture, Max Plank Institute, Netherlands; Brown University; Rutgers University
- 2004 Davidson College; University of St. Andrews; University College London (Keynote address for ICN symposium); Medical Research Council; Cambridge, UK; University of Wales, Bangor
- 2005 Columbia University; American Psychological Society; Univ of Rochester; Rutgers University
- 2006 Princeton University; McGill University; Max Planck Institute, Leipzig
- 2007 University of Toronto (Psychology Colloquium); University of Toronto (Ebbinghaus Empire); Davidson College; International Neuropsychological Symposium (Mati, Greece); Academy of Aphasia
- 2008 Yale University; University of Colorado, Boulder; Tufts University (invited workshop speaker); Radboud University, Netherlands (invited workshop speaker); University of Trento, Italy (invited workshop speaker)
- 2009 Neurobiology of Language Conference (debate moderator); Cognitive Development Society (symposium discussant)
- 2010 Univ of Virginia (L. Sterling Reid Lecturer); International Workshop on Language Production, Edinburgh, Scotland; Neurobiology of Language Conference (debate moderator)
- 2011 City University of New York; Davidson College; Keynote Speaker at Tenth Annual Symposium of Psycholinguistics, Spain; Chinese Academy of Sciences, Beijing; Center for Vital Longevity, Dallas; New York University; University of Texas, San Antonio
- 2012 Rice University; University of Texas Health Science Center at Houston; The Ohio State University; Yale University; Society of Psychology and Philosophy (keynote); Stanford University

Invited Talks, cont.

- 2013 Center for the Study of Language and Information, Stanford University; Krakow Workshop on Bilingualism and Cognitive Control, Poland; Brain and Cognitive Sciences, MIT; University of Maryland; University of Arizona; City University of New York
Public audiences: Penn Science Café at World Café Live; “Big Ideas” at Philadelphia Science Festival
- 2014 Carnegie Mellon University; Reed College; Heinrich Heine University Düsseldorf; Brown; Harvard
Public audiences: WHYY’s The Pulse; American Folk Art Museum
- 2015 Northwestern; Cornell; Georgetown; Association for Scientific Study of Consciousness; UC Berkeley; UC San Diego
Public audiences: Franklin Institute; StoryCollider; “Ben Talks” (Penn alumni event)
- 2016 Univ of Connecticut; Emory University; Johns Hopkins; Attneave Lecture, Univ of Oregon; Kavli Summer Institute; Evolution of Language meeting (plenary session); Gordon Research Conference (Gordon Research Seminar keynote address); Emergent Meaning workshop, Lehigh University
- 2017 Concepts, Actions, and Objects, Rovereto Italy; Workshop on Language and Executive Functions, MIT; Summer Seminars in Neuroscience and Philosophy, Duke University; Conference on Interdisciplinary Advances in Statistical Learning, Bilbao Spain (keynote address); Brandeis University; UC Davis Distinguished Speaker Series
- 2018 Eastern Psychological Association (keynote address); Society for Neuroscience of Creativity (keynote address); Summer Institute in Cognitive Neuroscience
- 2019 Institute for Mind and Brain, USC (keynote address)

Bibliography

Research Publications, peer-reviewed (h index = 55, Google Scholar 6/2019)

1. Mattar, M. G., Carter, M., Zebrowitz, M., Thompson-Schill, S. L., Aguirre, G. K. (in press). Individual differences in response precision correlate with adaptation bias. *Journal of Vision*.
2. Tang E., Mattar M.G., Giusti C., Lydon-Staley D.M., Thompson-Schill S.L., Bassett D.S. (2019). Effective learning is accompanied by high-dimensional and efficient representations of neural activity. *Nature Neuroscience*, 22, 1000-1009. PMID: 31110323; PMCID in process.
3. Leshinskaya, A & Thompson-Schill, S.L. (2019). From the structure of experience to concepts of structure: How the concept "cause" is attributed to objects and events. *Journal of Experimental Psychology: General*, 148, 619-643. PMCID: PMC6461371
4. Solomon, S.H., Medaglia, J.D., & Thompson-Schill, S.L. (2019). Implementing a concept network model. *Behavior Research Methods*. DOI: 10.3758/s13428-019-01217-1. PMID: 30891712 PMCID in process
5. Coutanche, M.N. & Thompson-Schill, S.L. (2019). Neural activity in human visual cortex is transformed by learning real world size. *Neuroimage*, 186, 570-576. PMCID: PMC6345670
6. Matheson, H.E., Familiar, A.M. & Thompson-Schill, S.L. (2019). Investigating grounded conceptualization: motor system state-dependence facilitates familiarity judgments of novel tools. *Psychological Research*, 83, 216-222. PMID: 29500490 PMCID in process
7. Tardiff, N., Graves, K. N., & Thompson-Schill, S. L. (2018). The role of frontostriatal systems in instructed reinforcement learning: Evidence from genetic and experimentally-induced variation. *Frontiers in Human Neuroscience*, 12, 472. PMCID: PMC6304395
8. Mattar, M.G., Thompson-Schill, S.L., & Bassett, D.S. (2018). The network architecture of value learning. *Network Neuroscience*, 2, 128-149. PMCID: PMC6130435
9. Khambhati, A.N., Medaglia, J.D., Karuza, E.A., Thompson-Schill, S.L., Bassett, D.S. (2018). Subgraphs of functional brain networks identify dynamical constraints of cognitive control. *PLoS Computational Biology*, e1006234. PMCID: PMC6056061
10. Medaglia, J. D., Huang, W., Karuza, E. A., Kelkar, A., Thompson-Schill, S. L., Ribeiro, A., & Bassett, D. S. (2018). Functional alignment with anatomical networks is associated with cognitive flexibility. *Nature Human Behavior*, 2, 156-164. PMCID: PMC6258039
11. Kenett*, Y.N., Medaglia*, J.D., Beaty, R.E., Chen, Q., Betzel, R.F., Thompson-Schill, S.L., & Qiu, J. (2018). Driving the brain towards creativity and intelligence: A network control theory analysis. *Neuropsychologia*, 118, 79-90. PMCID: PMC5623132
12. Karuza, E.A., Kahn, A.E., Thompson-Schill, S.L., & Bassett, D.S. (2017). Process reveals structure: How a network is traversed mediates expectations about its architecture. *Scientific Reports*, 7, 12733. PMCID: PMC5630604
13. Solomon, S. H. & Thompson-Schill, S. L. (2017). Finding features, figuratively. *Brain and Language*, 174, 61-71. PMCID: PMC5637521
14. Medaglia, J. D., Pasqualetti, F., Hamilton, R. H., Thompson-Schill, S. L., & Bassett, D. S. (2017). Brain and cognitive reserve: Translation via network control theory. *Neuroscience & Biobehavioral Reviews*, 75, 53-64. PMCID: PMC5359115
15. Matheson, H. E., Buxbaum, L.J., & Thompson-Schill, S. L. (2017). Differential tuning of ventral and dorsal streams during the generation of common and uncommon tool uses. *Journal of Cognitive Neuroscience*, 29, 1791-1802. PMCID: PMC5623132

16. Boylan, C., Trueswell, J. C., & Thompson-Schill, S. L. (2017). Relational vs. attributive interpretation of nominal compounds differentially engages angular gyrus and anterior temporal lobe. *Brain and Language*, 169, 8-21. PMID: PMC5810541
17. Musz, E. & Thompson-Schill, S. L. (2017). Tracking competition and cognitive control during language comprehension with multi-voxel pattern analysis. *Brain and Language*, 165, 21-32. PMID: PMC5359984
18. Chrysikou, E. G., Casasanto, D., & Thompson-Schill, S. L. (2017). Motor experience influences motor knowledge. *Journal of Experimental Psychology: General*. PMID: PMC5335879
19. Kraemer, D. J. M., Schinazi, V. R., Cawkwell, P.B., Tekriwal, A., Epstein, R. A., & Thompson-Schill, S. L. (2017). Verbalizing, visualizing, and navigating: The effect of strategies on encoding a large-scale virtual environment. *Journal of Experimental Psychology: Learning, Memory, & Cognition*. 43(4):611-621 PMID: PMC5366277
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Books, Chapters, and Invited Papers

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