**Harvard Medical School/Harvard School of Dental Medicine**

**Curriculum Vitae**

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| **Date Prepared:** | March 11, 2020 |
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| **Place of Birth:** | Beacon, NY |

[**Education**](http://cv.hms.harvard.edu/index.php?page=education)

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| 09/88-05/92 | B.A. | Psychology | Siena College, Loudonville, New York |
| 08/93-08/96 | A.M. | Clinical Psychology | University of Illinois at Urbana-Champaign |
| 08/93-07/99 | Ph.D. | Major: Clinical Psychology; Minor: Biological Psychology(PhD and thesis advisor: Howard Berenbaum, PhD) | University of Illinois at Urbana-Champaign |

[**Postdoctoral Training**](http://cv.hms.harvard.edu/index.php?page=postdoc)

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| 09/00-06/02 | Clinical Research Training Program | Psychiatry (preceptor: Larry Seidman, PhD) | Harvard Medical School |
| 09/00-06/02  | Neuropsychology and Psychiatry | Neuropsychology and Psychiatry (advisors: Larry Seidman, PhD; Margaret O’Connor, PhD; Cheryl Weinstein, PhD) | Massachusetts Mental Health Center and Beth Israel Deaconess Medical Center |
| 06/02-07/03 | NIH Individual Postdoctoral Fellowship (F32) | Psychiatry (sponsor: Larry Seidman, PhD) | Harvard Medical School/ Massachusetts General Hospital |

[**Faculty Academic Appointments**](http://cv.hms.harvard.edu/index.php?page=academic_appt)

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| 07/02-08/07  | Instructor  | Psychology (Psychiatry) | Harvard Medical School |
| 11/05- | Lecturer | Behavioral Neuroscience Ph.D. Program | Boston University School of Medicine |
| 09/07-01/20  | Assistant Professor | Psychology (Psychiatry) | Harvard Medical School |
| 01/20- | Associate Professor | Psychology (Psychiatry) | Harvard Medical School |

[**Appointments at Hospitals/Affiliated Institutions**](http://cv.hms.harvard.edu/index.php?page=hospital_appt)

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| 07/02-07/03 | Research Fellow | Psychiatry | Massachusetts General Hospital |
| 06/03-08/08 | Assistant in Research | Psychiatry | Massachusetts General Hospital |
| 08/08-08/13 | Research Associate | Psychiatry | Massachusetts General Hospital |
| 04/11-04/15  | Senior Research Scientist | Psychiatry | Boston University School of Medicine |
| 08/13- | Research Scientist | Psychiatry | Massachusetts General Hospital |

[**Committee Service**](http://cv.hms.harvard.edu/index.php?page=service)

**Local**

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| 1999 | Clinical Psychology PhD Admissions Committee | University of Illinois at Urbana-ChampaignMember (local at the time) |
| 2007- | Board of Advisers for Diversity in the Clinical Research Training program (CRTP) | Harvard Medical SchoolMember |
| 2014 | Dissertation Defense Committee for Kayle Slay Sawyer, Ph.D. candidate | Boston UniversityReader |
| 2015 | Senior Thesis Evaluation Committee for Christina Herbosa, B.A. candidate | Harvard University Neurobiology ProgramReader |
| 2019- | Pink Concussions Professional Advisory Board | Pink Concussions IPV/Domestic Violence Chair |
| 2019- | SOAR (Supporting Survivors of Abuse and Brain Injury through Research) Committee | University of British Columbia, Canada Advisory Committee member |
| 2019 | Masters Thesis Defense Committee for Blake Nicol, PhD Candidate | University of British Columbia, Canada University Examiner  |
| 2019 | PINK Concussions Partner-Inflicted Brain Injury Task Force | PINK ConcussionsTask Force Leader |

[**Professional Societies**](http://cv.hms.harvard.edu/index.php?page=societies)

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| 1997 | Midwestern Psychological Society | Member |
| 1998-2000 | International Society for Traumatic Stress Studies | Member |
| 2001- | Cognitive Neuroscience Society | Member |
| 2002-2003 | International Neuropsychological Society | Member |
| 2010-2012 | Society for Research on the Cerebellum | Member |
| 2010- | Association for Psychological Science | Member |
| 2017- | Society for the Teaching of Psychology  | Member |

[**Grant Review Activities**](http://cv.hms.harvard.edu/index.php?page=grant)

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| 2008 | Ad hoc grant reviewer | Israeli Science Foundation |
| 2008 | Ad hoc grant reviewer | Netherlands Organization for Scientific Research |
| 2015 | Ad hoc grant reviewer | Medical Research Council, United Kingdom |
| 2018 | Ad hoc grant reviewer | U.S.-Israel Binational Science Foundation |
| 2018 | Ad hoc grant reviewer | Israel Science Foundation |
| 2018 | Ad hoc grant reviewer | Max Bell Foundation, Canada |
| 2018 | Ad hoc grant reviewer | Medical Research Council, United Kingdom |
| 2019 | Review panel member | Turnbull-Tator Award in Spinal Cord Injury and Concussion Research |

[**Editorial Activities**](http://cv.hms.harvard.edu/index.php?page=editorial)

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| **Ad hoc Reviewer**Journal of Abnormal PsychologyJournal of the International Neuropsychological SocietyPsychological Assessment Psychosomatics Biological PsychiatryBritish Journal of Clinical Psychology Archives of General PsychiatryPsychiatry Research: NeuroimagingTrauma, Violence & AbuseProgress in Neuropsychopharmacology and Biological PsychiatryMolecular PsychiatryEuropean Journal of NeurologyNeuropsychologyBrain ResearchHuman Brain MappingJournal of the American Academy of Child and Adolescent PsychiatryActa Psychiatrica ScandinavicaThe International Journal of NeuropsychopharmacologyPsychiatry ResearchThe Open Psychology JournalPediatricsDevelopmental NeuropsychologyThe Journal of Child Psychology and PsychiatryAmerican Journal of PsychiatryDevelopmental ScienceNeuropsychologiaPsychiatric TimesJournal of Psychiatry and NeurosciencePsychological MedicineNeurotherapeuticsPsychiatry and Clinical NeurosciencesNeuropsychopharmacologyJournal of NeurosciencePLoS ONENeuroImageAdvances in Mind-Body MedicineJournal of Nervous and Mental DiseaseTrends in Cognitive SciencesJournal of Abnormal Child PsychologyCerebral CortexThe Journal of Clinical PsychiatryActa RadiologicaChild NeuropsychologyEuropean Archives of Psychiatry and Clinical NeuroscienceJournal of Attention DisordersExpert Review in NeurotherapeuticsPhysiology and BehaviorNeuroimaging ClinicalNeuroscience and Biobehavioral ReviewsProceedings from the National Academy of SciencesRubriqBrain Imaging and BehaviorJournal of Women’s HealthSocial Work in Health CareJournal of Forensic Science & CriminologyGait and PostureViolence Against WomenHarvard Psychiatry ReviewViolence and GenderIEEE Transactions on Industrial InformaticsJournal of NeurotraumaFrontiers in Psychiatry: PsychopathologyViolence and VictimsTrauma, Violence and AbuseSchizophrenia BulletinSports MedicineJournal of Family Violence |

**Other Editorial Roles**

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| 2008- | Editorial board member | The Open Psychology Journal |
| 2014- | Editorial panel member | The Center for Information and Study on Clinical Research Participation (CISCRP) |

[**Honors and Prizes**](http://cv.hms.harvard.edu/index.php?page=honors)

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| --- | --- | --- | --- |
| 1998-1992 | President's (Dean's) List Honors  | Siena College |  |
| 1992 | Delta Epsilon Sigma Honors | Siena College |  |
| 1992 | National Dean's List | American Association for Higher Education |  |
| 1992 | *Summa cum laude* | Siena College, Loudonville, New York  |  |
| 1993 | Graduate College Fellowship | University of Illinois at Urbana-Champaign | Research |
| 1998 | Herman-Eisen Award for Professional Contribution to Psychology | University of Illinois at Urbana-Champaign | Teaching |
| 2001 | Livingston Fellowship Award 2001-2002 | Harvard Medical School | Research |
| 2001 | Selected participant | American Psychological Association Advanced Training Institute in Functional Magnetic Resonance Imaging | Research |
| 2002 | Mysell Poster Award | Department of Psychiatry, Harvard Research Day | Research |
| 2003 | Lilly Fellowship Award | Eli Lilly and Company | Research |
| 2009 | Travel Award | American College of Neuropsychopharmacology (ACNP) | Research |
| 2013 | Caring for Dependent Travel Award | Massachusetts General Hospital | Research |
| 2014 | Caring for Dependent Travel Award | Massachusetts General Hospital | Research |
| 2018 | Rappaport Research Fellowship in Neurology | Massachusetts General Hospital | Research  |
| 2019 | 2019 Domestic Violence Award | PINK Concussions | Research  |
| 2020 | Robert D. Voogt Founders Award | Robert D. Voogt family and the North American Brain Injury Society | Research |

**Report of Funded and Unfunded Projects**

[**Funding Information**](http://cv.hms.harvard.edu/index.php?page=funded)

**Past**

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| 1996 | *Minor Head Injury in Battered Women: Incidence and Relationship to Cognitive and Psychosocial Functioning*Graduate College Thesis Project GrantPIThe goal of this project was to examine the incidence and effects of brain injury in battered women. |
| 1996 | *Minor Head Injury in Battered Women: Incidence and Relationship to Cognitive and Psychosocial Functioning*Women’s Studies Funding for Feminist ScholarshipPIThe goal of this project was to examine the incidence and effects of brain injury in battered women. |
| 1996 | *Minor Head Injury in Battered Women*Graduate College On-Campus Dissertation Research GrantPIThe goal of this project was to examine the incidence and effects of brain injury in battered women. |
| 1998-1999 | *Minor Head Injury in Battered Women*Pre-doctoral Fellowship, NRSA, F31 MH11763PIThe goal of this project was to examine the incidence and effects of brain injury in battered women. |
| 2001 | *A Functional MRI Study of Working Memory in ADHD Adults*Peter B. Livingston Fellowship Fund Study, MGH/HMSPIThis project examined the functional neuroanatomy of adults with ADHD. |
| 2002-2003 | *A Functional MRI Study of Working Memory in ADHD Adults*Post-doctoral Fellowship, NRSA, F32 MH065040PIThis project examined the functional neuroanatomy of adults with ADHD. |
| 2003-2005 | *Neuroanatomy of Adult ADHD: An MRI Morphometric Study*R01 MH62152 (PI: Larry Seidman)FellowThe goal of this project was to examine structural abnormalities in ADHD adults across the lifespan. |
| 2005-2011 | *Cerebellar Structure and Function in Adult ADHD*Career Development Award, K23 MH071535PIThe goal of this project is to examine how cerebellar and structural abnormalities in ADHD adults contributes to motor and cognitive abnormalities. |
| 2007-2009 | *Neuroimaging of Brain Injury in Battered Women*HMS Fund for Women’s Health, HMS Center of Excellence in Women’s HealthPI ($30,000)The goal of this project was to use neuroimaging such as diffusion tensor imaging and cognitive measures to examine potential structural and functional brain abnormalities resulting from brain injury in battered women. |
| 2008-2010 | *Somatotopic organization of the cerebellum and its role in plasticity* UMass, Amherst Office of Research (PI: Rebecca Spencer)Co-investigatorThe goal of this project was to examine cerebellar somatotopy across task types. |
| 2011-2016NCE 2017 | *The role of corticocerebellar pathophysiology in adult ADHD*R01HD067744 $1,480,815.00 PI The long-term objecti The objective of this proposal was to increase our understanding of the pathophysiology of attention deficit/hyperactivity disorder (ADHD) by furthering our knowledge regarding how the cerebellum and corticocerebellar circuits contribute to perceptual and motor timing abnormalities in ADHD. |
| 2012-2017 | *Cerebellar timing dysfunction in schizophrenia*R01 MH074983 (PI: William Hetrick)Consultant This project examined the structural and functional integrity of the cerebellum in individuals with schizophrenia, their first-degree relatives, and in healthy comparison subjects using behavioral and MRI methodology. Provided cerebellar and timing-related expertise. |

**Current**

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| 2016-2021 | *Affective and Conative Changes in Alcoholism*R01 AA007112 (PI: Marlene Oscar Berman); 2nd Cycle of being funded on this competitive RenewalConsultant Emotion dysregulation may underlie addictive disorders such as alcoholism, which in turn may further alter emotional states. Alcoholism-related abnormalities in brain centers controlling emotional perception and regulation may differ for men and women, and can differentially alter the course of alcoholism directly, by affecting sensitivity to feedback, as well as the ability to make economic, social, and health-related decisions. Providing task design and analysis as well as cerebellar expertise, grant and manuscript preparation.  |
| 2019-2023 | *Impact of intimate partner violence-related mild traumatic brain injuries on neural, cognitive, and psychological health of women*R01 NS112694-01 PI ($2,312,666)We propose to use magnetic resonance imaging and molecular markers of brain structure and function with measures of cognition, behavior and psychopathology to examine the neural mechanisms of traumatic brain injury (TBI) related to intimate-partner violence and to understand TBIs relationship to cognitive, behavioral and psychological functioning. |
| 2020-2023 | *Using cerebrovascular biomarkers to characterize traumatic brain injury associated with intimate partner violence*Canadian Institutes of Health ResearchCo-Applicant ($85,150)The goal of this project is to characterize cerebrovascular and neurocognitive dysfunction in women who have experienced intimate partner violence (IPV)-related traumatic brain injury (TBI). The proposed research will create the foundation to advance health-related knowledge and health outcomes in women who have experienced IPV-related TBI. |

**Training Grants and Mentored Trainee Grants**

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| 2015-2017 | *Dynamic cerebro-cerebellar networks for cognitive function in ADHD and patients with neurological damage*Canadian Institutes of Health ResearchMentor to Aaron Kucyi (Post-doctoral Fellow)This project sought to develop fundamental insights into highly understudied aspects of ADHD and their neurobiological bases. As such, this work contributed to development of new therapies targeting specific brain regions and changing brain dynamics to alleviate attentional issues and reduce the burden of ADHD on individuals and society. |
| 2017 | *Neuropsychological and neuroimaging assessment of female victims of intimate partner violence*Formación Profesorado Universitario Plan Propio; FPU International Pre-doctoral Research Stay from the University of Granada, Granada, Spain.Mentor to Julia Daugherty (Graduate student at the University of Granada)This project provided validation of an effort test to be used with women victims of intimate partner violence while also providing training in neuroimaging to Ms. Daugherty. This study constituted the first step in validating a free effort measure to be used with women who suffer neuropsychological sequelae as a result of abuse.  |
| 2017-2018 | *BELIEVE battery development for women who have experienced intimate partner violence (IPV)*Harvard College Research Program AwardMentor/supervisor to Diana Wang (Undergraduate student of Harvard University)This project provided validation for an English version of the Coin In Hand to be used in the BELIEVE battery. Ms. Wang was trained in experimental design, data collection, data analysis, report writing and publication.  |
| 2019 | *Exploratory analysis of acquired brain injuries from intimate partner violence to guide future interventions in New Hampshire*International Association of Forensic NursesMentor to Amanda St. Ivany (Post-doctoral Fellow Dartmouth College)This project will provide an increased knowledge of the circumstances and health care needs surrounding IPV-related acquired brain injuries (ABIs) for women in New Hampshire (where rates of IPV are higher then the national estimate). This work is the first step in a long-term research trajectory focused on developing tailored interventions for women experiencing ABIs from IPV.  |
| 2019 | *Understanding the physical and mental health consequences of traumatic brain injury from intimate partner violence to inform a community-based intervention*Mentor to Amanda St. Ivany (Post-doctoral Fellow Dartmouth College)NIH Loan Repayment ProgramThis project will reveal information about the association between non-fatal strangulation (NFS) and potential partner-violence outcomes such as PTSD and cognitive difficulties. This knowledge will help nursing and other healthcare providers to intervene more effectively when working with women who have experienced extreme IPV. |
| 2019 | *Neuropsychological consequences of women victims of intimate partner violence*Fulbright Visitor Researcher GrantResearch Stay from the Universidad del Norte, Baranquilla, ColombiaMentor to Nathalia Quiroz Molinares (Graduate student at the Universidad del Norte)This project aims to examine psychological as well as physical effects of intimate partner violence on the cognitive and psychological functioning of women. |
| 2020 | *Hair Cortisol in Women Sustaining Traumatic Brain Injuries from Intimate-Partner Violence (IPV)*Harvard College Research Program AwardMentor/supervisor to Olivia Scott (Undergraduate student of Harvard University)This project examined stress levels of women who have experienced brain injuries from IPV by examining their hair cortisol levels. Ms. Scott is being trained in experimental design, data collection, data analysis, report writing, and publication.  |

**Report of Local Teaching and Training**

[**Teaching of Students in Courses**](http://cv.hms.harvard.edu/index.php?page=students)

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| 1993-1996 | Child Abuse Prevention ProgramUndergraduate students | University of Illinois, Champaign, IL20 students per semester for 90 weeks |
| 1996-1998 | Psychology 340 and Psychology 341Adolescent Mentoring Program | University of Illinois, Champaign, IL15 students for 60 weeks |
| 1996-1999 | Independent Research Seminar | University of Illinois, Champaign, IL2 students for 90 weeks |
| 2005-2016  | The Neurobiology of ADHD in the Human Neuropsychology I course for the Behavioral Neuroscience Ph.D. Program | Boston University School of Medicine, Boston, MAannual 3-hour lecture |
| 2008  | The Neurobiology of ADHDApplied Physiological Development course | Tufts University, Boston, MA1 hour lecture |
| 2017- | The Neurobiology of ADHD in the Human Neuropsychology I course for the Behavioral Neuroscience Ph.D. Program | Boston University School of Medicine, Boston, MAannual 1.5-hour lecture |
| 2017- | Intimate-partner violence related TBI in the Human Neuropsychology I course for the Behavioral Neuroscience Ph.D. Program | Boston University School of Medicine, Boston, MAannual 1.5-hour lecture |

[**Formal Teaching of Residents, Clinical Fellows and Research Fellows (post-docs)**](http://cv.hms.harvard.edu/index.php?page=residents)

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| 2004-2010 | The Neurobiology of ADHD: Neuroimaging in the Developmental Neuroscience course for second year fellows in the Harvard Child Psychiatry Training Program which spans 3 Harvard programs | McLean, Cambridge Children’s Hospital, and Massachusetts General Hospital1.5-hour lecture/year |
| 2006-2013 | Neuroimaging in ADHD in the Pediatric Psychopharmacology course for Psychiatry Fellows  | Massachusetts General Hospital1-hour lecture/year |
| 2016 | Structural and Functional Neuroimaging in ADHD, Neuropsychiatry Seminar for second year Residents | McLean Hospital1-hour lecture |

[**Laboratory and Other Research Supervisory and Training Responsibilities**](http://cv.hms.harvard.edu/index.php?page=lab)

**Prior to start of current Harvard Appointment**

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| 1996-1997 | Independent Study Supervision of undergraduate studentsUniversity of Illinois | Weekly supervision |

**During current Harvard appointment**

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| 1996-1997 | Independent Study Supervision of Undergraduate student Susannah More/ University of Illinois | Daily mentorship for 2 semesters. |
| 2003-2016;2019-current | Supervision of research assistants (training in all aspects of running a study | Weekly mentorship for 1-4 hours per week and as needed. |
| 2004 | Independent Study Supervision of Student Intern Matthew Widmer/Hampshire CollegeMassachusetts General Hospital Intern | Weekly mentorship for the summer. |
| 2004 | Independent Study Supervision of Graduate Student Ariel Brown/Boston University | Daily mentorship for 1 semester. |
| 2005-2006 | Independent Study Supervision of Student Intern Navine Nasser-Ghodsi/Massachusetts Institute of TechnologyMassachusetts General Hospital Intern | Weekly mentorship for 2 semesters. |
| 2006-2007 | Independent Study Supervision of Student Intern Megha Patel/Brandeis University Massachusetts General Hospital Intern | Bi-weekly mentorship for 1 year. |
| 2008-2010 | Independent Study Supervision of Student Intern Brittany LeBlanc/University of Massachusetts, AmherstMassachusetts General Hospital Intern | Bi-weekly mentorship for approximately 2 years. |
| 2009 | Independent Study Supervision of Student Intern Jade Sperlinga/Endicott CollegeMassachusetts General Hospital Intern | Weekly mentorship for 1 semester. |
| 2009-2010 | Independent Study Supervision of Student Intern Stacey Bilicki/Endicott CollegeMassachusetts General Hospital Intern | Bi-weekly mentorship for 1 semester. |
| 2012 | Independent Study Supervision of Student Intern Kyan Nafissi/Union CollegeMassachusetts General Hospital Intern | Weekly mentorship for 1 summer. |
| 2013 | Independent Study Supervision of Student Intern Maria Meidanis/Suffolk UniversityMassachusetts General Hospital Intern | Weekly mentorship for 1 semester. |
| 2016- | Independent Study Supervision of Student Noor Adra/Wellesley CollegeMassachusetts General Hospital Intern | Weekly mentorship, 1-2 hours for 2 years. Biweekly currently as paper is being completed. |
| 2017-2018 | Mentor for student from Byram Hills Central High School, New YorkElizabeth DeGeorgesAuthentic Science Research Program Participant | Weekly mentorship, 1-2 hours for 1.5 years. Then as needed when writing up the paper. |
| 2017 | Independent Study Supervision of StudentGillian Goolkasian/University of VermontMassachusetts General Hospital Intern | Weekly mentorship for 1 semester. |
| 2017-2018 | Independent Study Supervision of StudentDiana Wang/Harvard UniversityMassachusetts General Hospital Intern | Weekly mentorship, 1-2 hours for 2 semesters |
| 2018 | Independent Study Supervision of StudentLauren Church/Harvard UniversityMassachusetts General Hospital Intern | Weekly mentorship, 1-2 hours for 1 semester. |
| 2018- | Independent Study Supervision of StudentOlivia Scott/Harvard UniversityMassachusetts General Hospital Intern | Weekly mentorship, 1-2 hours – current. |

**Mentored Trainees and Faculty**

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| 2006-2007 | Megha Vasavada, Ph.D. / *Current:* Postdoctoral Scholar at University of California, Los Angeles, CA, United States*Career stage*: Undergraduate student. *Mentoring role*: research advisor. Supervision on neuroimaging projects examining the role of cerebellar structure and function in cognitive and motor behaviors of adults with ADHD. *Accomplishments:* completed B.A. and was accepted into graduate school.  |
| 2008-2010 | Brittany Juban, Ph.D. / *Current:* Clinical Director, May Center School for Autism and Developmental Disabilities, West Springfield, MA, United States*Career stage*: Undergraduate student. *Mentoring role*: research advisor. Supervision on projects examining neuropsychological effects of brain injury in women victims of intimate partner violence as well as developing non-verbal stimuli for functional magnetic resonance imaging working memory tasks.*Accomplishments:* completed B.A. and was accepted into graduate school.  |
| 2010-2017 | Kayle Sawyer, Ph.D. / *Current:* Research Scientist, Boston University School of Medicine, MA, United States *Career stage*: Graduate student. *Mentoring role*: research advisor. Supervision during doctoral work examining the role of the cerebellum in men and women with histories of alcoholism; continued supervision on related post-doctoral projects.*Accomplishments*: first-authored paper of mentored research; presentations of data at conferences (e.g., Society for Neuroscience); obtained PhD at Boston University. |
| 2012-2013 | Ezra Wegbreit, Ph.D. / *Current*: Postdoctoral Fellow in Psychiatry and Human Behavior, Brown University, RI, United States*Career stage*: Post-doctoral Fellow. *Mentoring role*: fellowship mentor. Supervision on projects examining cerebellar abnormalities in ADHD and examining neural consequences of brain injury in battered women using functional and structural magnetic resonance imaging.*Accomplishments*: presentations of data at conferences (e.g., Biological Psychiatry, MGH Research Day). |
| 2012-2015 | Michael Hove, Ph.D. / *Current:* Assistant Professor in Psychological Science, Fitchburg State University, MA, United States*Career stage*: Post-doctoral Fellow. *Mentoring role*: fellowship mentor. Supervision on projects examining cerebellar contributions to ADHD using behavioral motor paradigms and functional magnetic resonance imaging.*Accomplishments*: three-authored (two first-authored) papers of mentored research; presentations of data at several conferences (e.g., Biological Psychiatry, MGH Research Day). |
| 2014-2016 | Clay Riley, M.S. / *Current*: Research Scientist at Raytheon BBN Technologies in the Analytics and Machine Intelligence Unit, MA, United States*Career stage*: Undergraduate student. *Mentoring role*: research advisor. Supervision on projects examining cerebellar contributions to ADHD using timing tasks, behavioral motor paradigms, and structural and functional magnetic resonance imaging.*Accomplishments*: co-authored paper of mentored research; completed M.S. |
| 2014-2016  | Aaron Kucyi, Ph.D. / *Current*: Principle Research Scientist, Northeastern University, MAUnited States*Career stage*: Post-doctoral Fellow. *Mentoring role*: fellowship mentor. Supervision on projects examining cerebro-cerebellar connectivity as well as its role in the pathophysiology of ADHD and other cerebellar-related disorders using functional magnetic resonance imaging*Accomplishments*: four-authored (three first-authored) papers of mentored research; obtained prestigious Canadian Institutes of Health Research Fellowship; presentation of data at several conferences (e.g., Biological Psychiatry, MGH Research Day); symposium chair and speaker for Human Brain Mapping.  |
| 2015-2017 | Aihua Cao, M.D., Ph.D. / *Current*: Assistant Professor in Developmental-Behavioral Pediatrics, Qilu Hospital of Shandong University, China*Career stage*: Assistant Professor. *Mentoring role*: fellowship mentor. Supervision on projects examining cerebro-cerebellar pathophysiology of ADHD and related behavioral features using functional and structural magnetic resonance imaging. Training in research design, analysis, and manuscript writing. *Accomplishments*: co-authored paper of mentored research. |
| 2017- | Julia Daugherty / *Current*: PhD candidate in Psychology, Universidad de Granada, Granada, Spain*Career stage*: Undergraduate student. *Mentoring role*: research advisor. Spent 3 months in the lab during a fellowship research stay. Supervision on projects examining intimate-partner violence, traumatic brain injury, and functional and structural magnetic resonance imaging. Training in research design, analysis, and manuscript writing. *Accomplishments*: first-authored paper of mentored research fulfilling partial requirement for PhD; presentation of data at Harvard Undergraduate Research Opportunities in Science (HUROS) Fair 2017. |
| 2019- | Annie-Lori Joseph / *Current*: PhD candidate in Psychology, Suffolk University, MA United States*Career stage*: Graduate student. *Mentoring role*: research advisor. Supervision on dissertation project projects examining intimate-partner violence, traumatic brain injury, and neuropsychological and psychological functioning. Training in research design, analysis, and manuscript writing. *Accomplishments*: prepared poster and will present work next week at International Society for Traumatic Stress Studies and Harvard Undergraduate Research Opportunities in Science (HUROS) Fair 2019. |
| 2019- | Nathalia Quiroz Molinares / *Current*: PhD candidate in Psychology, Universidad del Norte, Baranquilla, Colombia; Currently working in PIs lab during research stay on Fulbright Scholarship.*Career stage*: Graduate student. *Mentoring role*: research advisor. Supervision on dissertation project as well as other projects examining intimate-partner violence, traumatic brain injury, and neuropsychological and psychological functioning. Training in research design, analysis, and manuscript writing. *Accomplishments*: prepared poster and will present work next week at International Society for Traumatic Stress Studies and Harvard Undergraduate Research Opportunities in Science (HUROS) Fair 2019. |

[**Formal Teaching of Peers (e.g., CME and other continuing education courses)**](http://cv.hms.harvard.edu/index.php?page=peers)

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| 2006-2007 | Structural Imaging in ADHDPI Lunch course*,* Clinical and Research Program in Pediatric Psychopharmacology, Massachusetts General Hospital | 1 hourBoston, MA |
| 2006 | Meta-analysis of Structural Imaging Findings in Attention-deficit/hyperactivity Disorder Interview for Talking ADHD, Remedica Medical Education and Publishing | 1 hourBoston, MA |
| 2007, 2009, 2011, 2013 | Neuroimaging of ADHDThe Attention Deficit Hyperactivity Disorder across the Lifespan course, Massachusetts General Hospital Department of Psychiatry | 1 hourBoston, MA |
| 2009 | Structural and Functional Neuroanatomy of ADHDThe Child & Adolescent Psychopharmacology courseMassachusetts General Hospital Department of Psychiatry | 1 hourBoston, MA |
| 2019 | Concussions and strangulation: Brain injuries often overlooked in intimate partner violenceKickoff lecture for domestic violence awareness month eventsHAVEN (Helping Abuse and Violence End Now) at MGH and the MGH Domestic Violence Working Group | 1 hour Boston, MA |

[**Local Invited Presentations**](http://cv.hms.harvard.edu/index.php?page=presentations_local)

No presentations below were sponsored by outside entities.

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| 2007 | The Cerebellum in ADHD: Testing a Theory of Timing and Temporal Processing using fMRISeminar PresentationNuclear Magnetic Resonance Center, Massachusetts General Hospital |
| 2007 | Neuroimaging Findings in ADHDGrand RoundsMassachusetts Mental Health Center Research, Harvard Medical School |
| 2008 | Neuroimaging Abnormalities in ADHDAdvanced Neuropsychology Case Seminar for faculty and fellows Cambridge Health Alliance, Harvard Medical School Teaching Affiliate |
| 2008 | Structural and Functional Neuroimaging Abnormalities in ADHDDevelopmental Psychopathology Research WorkshopMassachusetts General Hospital, Harvard Clinical Psychology Program |
| 2010 | Cerebro-cerebellar pathophysiology in ADHD: What do we know and are there sex differencesSeminar PresentationPsychiatric Imaging and Neuroscience Group, Massachusetts General Hospital |
| 2010 | Design and Analysis of Neuroimaging Data in ADHDSeminar PresentationStatistical Parametric Mapping (SPM8) course, Massachusetts General Hospital |
| 2013 | Fronto-cerebellar pathophysiology in ADHDInvited speaker, Harvard Medical School Clinical Research Training ProgramJudge Baker Children’s Hospital |
| 2014 | Fronto-cerebellar pathophysiology in ADHDMcLean Imaging Center Speaker SeriesMcLean Hospital |
| 2017 | The silent epidemic: TBIs in women experiencing intimate partner violence.Center for Depression, Anxiety and Stress Research Speaker SeriesMcLean Hospital |
| 2018 | Traumatic brain injuries and intimate partner violenceResearch talk for Research Administration DayMassachusetts General Hospital |
| 2018 | The Hidden Traumas of Domestic Violence: Repetitive Mild Traumatic Brain Injuries in Women Subjected to Intimate Partner ViolenceGrand RoundsCambridge Health Alliance, Cambridge Hospital |
| 2018 | Neuropsychological and neuroimaging correlates of IPV-related TBIMGH Chelsea Research RoundtableMassachusetts General Hospital Chelsea Healthcare Center |
| 2018 | Invisible but dangerous: Understanding traumatic brain injuries in intimate-partner violencePsychiatry Steering Committee, Massachusetts General Hospital |
| 2019 | Traumatic brain injuries within the home: Going beyond the field to understand concussions in women victims of intimate partner violence Neuropsychiatry Translational Research Fellowship (NeTReF) SeminarVA Boston Healthcare System, Boston University School of Medicine, and Harvard Medical School |

**Report of Regional, National and International Invited Teaching and Presentations**

[**Invited Presentations and Courses**](http://cv.hms.harvard.edu/index.php?page=presentations)

Those presentations below sponsored by outside entities are so noted and the sponsor is identified

**Regional**

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| 2010 | Neurobiology of ADHD/Seminar PresentationGalenea Corporation, Cambridge, MA (Sponsored by Galenea) |
| 2010 | Males vs. females: Who gets studied in research? Potential impacts on education and health/ConferenceTrinity College, Hartford, CT(Travel support provided by Trinity College) |
| 2013 | Frontocerebellar pathophysiology of ADHDNeuroimaging & Neuropsychology Group, Boston VA Medical center |
| 2013 | Behavioral and Imaging Timing Abnormalities in Adult ADHDNew England Sequencing and Timing conference, University of Massachusetts in Amherst |
| 2013 | BU-MNS Internship Workshop/Panel MemberMassachusetts Neuropsychological Society, Boston University |
| 2018 | The Hidden Victims of Traumatic Brain Injuries: Women Subjected to Intimate Partner Violence (1.5-hour workshop)37th Annual Brain Injury Conference of the Brain Injury Association of Massachusetts, Marlborough, MA |
| 2019 | TBIs and Strangulation: Understanding and Recognizing the Hidden Dangers of Intimate-partner Violence (1.5 hour lecture)Domestic Violence Program Evaluation and Research Collaborative (DVPERC),Cambridge, MA |

**National**

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| 1997 | Incidence of head injury in battered women/Symposium Presentation (Selected oral abstract, Presenter)Annual meeting of the Midwestern Psychological Association, Chicago, IL |
| 1998 | Effects of child abuse and neglect on later cognitive functioning/Symposium Presentation (Selected oral abstract, Presenter)Midwestern Psychological Association, Chicago, IL |
| 2003 | An fMRI study of working memory in adults with ADHD: Gender differences/Symposium Presentation (Selected oral abstract, Presenter)Annual Meeting of the International Neuropsychological Society, Honolulu, Hawaii |
| 2003 | Working memory in adult ADHD: An fMRI investigation/Symposium Presentation (Selected oral abstract, Presenter)Annual Meeting of the American Academy of Child and Adolescent Psychiatry, Miami, FL |
| 2003 | Alexithymia in battered women: Increasing our understanding/Symposium Presentation (Selected oral abstract, Presenter)Annual Meeting of the International Society for Traumatic Stress Studies, Chicago, IL |
| 2003 | Grant Writing 101/Workshop (Selected oral abstract, Presenter)Annual Meeting of the International Society for Traumatic Stress Studies, Chicago, IL |
| 2004 | Functional neuroanatomy of working memory in adults with ADHD/Symposium Presentation (Selected oral abstract, Presenter)Society of Biological Psychiatry’s 59th Annual Scientific Convention and Program, NY, NY(Sponsored by Biological Psychiatry) |
| 2007 | Structural and Functional Neuroimaging Abnormalities in Attention-Deficit/Hyperactivity Disorder/Seminar PresentationDepartment of Psychiatry, University of Pittsburgh(Sponsored by the University of Pittsburgh) |
| 2007 | Working memory in adult ADHD: Sex differences in neural activation/Symposium Presentation (Selected oral abstract, Presenter)Annual Meeting of the American Academy of Child and Adolescent Psychiatry, Boston, MA |
| 2008 | New fronto-cerebellar findings in ADHD/Symposium Presentation (Selected oral abstract, Presenter)Annual meeting of the American Psychiatric Association, Washington, DC(Sponsored by the American Psychiatric Association) |
| 2009 | Sex differences in the functional neuroanatomy of working memory in adults with ADHD/Symposium Presentation (Selected oral abstract, Presenter)Annual meeting of the American College of Neuropsychopharmacology. Hollywood, FL |
| 2011 | Cerebellar pathophysiology in adult ADHD/Symposium Presentation (Chair of Symposium and Selected oral abstract presenter)Annual meeting of the Society of Biological Psychiatry. San Francisco, CA(Sponsored by Biological Psychiatry) |
| 2013 | Cerebro-cerebellar abnormalities associated with cognitive and motor processes in adult ADHD (Selected oral abstract, Presenter)166th Annual meeting of the American Psychiatric Association. San Francisco, CA |
| 2014 | Brain injury in battered women: Effects on white matter and cognitive functioningDomestic Violence Death Review Team for Santa Clara County. San Jose, California |
| 2014 | Brain injury in battered women and its relationship to microstructural white matter alterations: A diffusion tensor imaging study (Selected oral abstract, Presenter)10th World Congress on Brain Injury. San Francisco, CA |
| 2015 | The Spectrum of Traumatic Brain Injury in Victims of Intimate Partner Violence22nd Annual County of Santa Clara Domestic Violence Conference. Santa Clara, CA(Sponsored by the Santa Clara Domestic Violence Committee) |
| 2016 | Cerebro-Cerebellar Abnormalities Associated with Cognitive and Motor Processes in Adult ADHD. Department Colloquium SeriesDepartment of Kinesiology, The Pennsylvania State University(Sponsored by The Pennsylvania State University) |
| 2017 | Hidden Traumas: Traumatic Brain Injuries and Strangulation in Women Victims of Intimate Partner ViolenceSanta Clara Superior Court, Family Justice Center Courthouse, San Jose, California(Sponsored by Santa Clara Superior Court)  |
| 2017 | Lessons from neuroimaging studies of women experiencing partner-related TBI Women’s Traumatic Brain Injury WorkshopNational Institutes of Health, Bethesda, Maryland(Sponsored by NINDS, CNRM, DVBIC, NCMRR, NICHD, and ORWH) |
| 2018 | Invisible dangers of intimate partner violence: Traumatic brain injuries and strangulationDomestic Violence Judicial Institute Training Violence Against Women Education Project of the Judicial Council of California Center for Judicial Education and Research (CJER), San Francisco, California (Sponsored by Judicial Council of California) |
| 2018 | Traumatic brain injury and intimate partner violence (Selected oral abstract, Presenter)4th Federal Interagency Conference on Traumatic Brain InjuryAmerican College of Rehabilitation Medicine, Washington DC  |
| 2019 | I am not the same: The invisible injuries of TBIs and strangulationChild and Family Focused Education (CaFFE) Conference for the Judicial Council of California, Center for Families, Children & the Courts(Sponsored by Judicial Council of California) |
| 2019 | Correlates of brain injuries in women subjected to intimate partner violence: Identifying the dangers and raising awareness Keynote lecture at the 24th International Summit of Violence, Abuse and Trauma Across the Lifespan, San Diego, California(Sponsored by the Institute on Violence, Abuse and Trauma) |
| 2019 | “Increasing Our Understanding of an Overlooked Public Health Epidemic: Traumatic Brain Injuries in Women Subjected to Intimate Partner Violence”Featured Speaker at a Town Hall Forum - Concussions: More than Football” with Mayor Jonathan Rothschild’s Proclamation of National Concussion Awareness Day, Tucson, Arizona(Sponsored by The CACTIS Foundation, Tucson Medical Center, and Sojourner Center) |
| 2020 | “Increasing Our Understanding of an Overlooked Public Health Epidemic: Traumatic Brain Injuries in Women Subjected to Intimate Partner Violence”Keynote lecture for Concussions: 2020 Traumatic Brain Injuries in Victims of Intimate-Partner Violence, Phoenix, Arizona(Sponsored by The CACTIS Foundation, Sojourner Center, University of Arizona College of Medicine) |

**International**

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| 2005 | Meta-analysis of structural imaging findings in attention-deficit/hyperactivity disorder/Symposium Presentation (Selected oral abstract, Presenter)Annual Meeting of the American Academy of Child and Adolescent Psychiatry, Toronto, Canada |
| 2008 | Neurobiology and Neuroimaging of ADHD: Current Evidence, Challenges and Future Directions/Seminar PresentationDepartment of Psychiatry, University of Tokyo(Sponsored by Janssen Pharmaceuticals) |
| 2008 | The Neurobiology of ADHD/Seminar PresentationJanssen Pharmaceuticals CNS Forum, Tokyo, Japan(Sponsored by Janssen Pharmaceuticals) |
| 2009 | Neuroimaging findings implicating fronto-cerebellar circuit abnormalities in the pathophysiology of ADHD/Symposium Presentation (Selected oral abstract, Presenter)Annual meeting of the World Congress of Biological Psychiatry, Paris, France |
| 2017 | The Hidden Victims of Traumatic Brain Injuries (TBIs): Understanding TBIs in Women Experiencing Intimate Partner ViolenceCanadian Institutes of Health Research, Research Chair in Gender, Work, & Health Speaker Series, Department of Occupational Science and Occupational Therapy, University of Toronto, Toronto, Ontario, Canada(Sponsored by the Canadian Concussion Centre at The Krembil Neuroscience Centre) |
| 2017 | The Silent Epidemic: Concussions in Women Experiencing Intimate Partner ViolenceConcussion in Women and Girls 1 Day Symposium, Presented by the Canadian Concussion Centre, University Health Network Krembil Neuroscience Centre, and the University of Toronto; BMO Education & Conference Centre, Toronto, Canada(Sponsored by the Canadian Concussion Centre at The Krembil Neuroscience Centre) |
| 2017 | The Hidden Victims of Traumatic Brain Injuries (TBIs)Keynote Lecture for Acquired Brain Injury Provincial Conference presented by the Ontario Brain Injury Association, Niagara Falls, Ontario, Canada(Sponsored by the Ontario Brain Injury Association) |
| 2018 | Invisible but Dangerous: Understanding Concussions and Strangulation in Women Victims of Intimate Partner ViolenceKeynote lecture for a Conference presenting an Exposé on Intimate Partner Violence and ConcussionNorth Bay Regional Health Centre, North Bay, Ontario, Canada(Sponsored by Oatley Vigmond Law Firm) |
| 2018 | Intimate Partner Violence and Concussions: What Do They Look Like and What Should We Do? Conference presenting an Exposé on Intimate Partner Violence and ConcussionNorth Bay Regional Health Centre, North Bay, Ontario, Canada(Sponsored by Oatley Vigmond Law Firm) |
| 2019 | TBIs and Strangulation: Understanding and Recognizing the Hidden Dangers of Intimate-partner ViolenceOpening Plenary for the Intimate Partner Violence related to Traumatic Brain Injury in Women Knowledge ExchangeWestern University, Ontario, Canada(Sponsored by the Learning Network at the Centre for Research & Education on Violence Against Women & Children (CREVAWC) and Western University) |
| 2019 | Working with Women who have Sustained IPV-related TBIOpening Afternoon session for the Intimate Partner Violence related to Traumatic Brain Injury in Women Knowledge ExchangeWestern University, Ontario, Canada(Sponsored by the Learning Network at the Centre for Research & Education on Violence Against Women & Children (CREVAWC) and Western University) |
| 2019 | Le Traumatisme Crânien: Une Conséquence Encore Méconnue de la Violence Conjugale (Head trauma: a still unknown consequence of domestic violence)Presented at the conference Engagés Ensemble Contra La Violence Conjugale (Committed Together Against Domestic Violence; presentation simultaneously translated into French)Hôtel Universel, Montréal, Quebec(Sponsored by Regroupement des maisons pour femmes victimes de violence conjugale;Quebec Women’s Shelter Association) |
| 2020 | Reporting and Measuring Intimate-Partner ViolencePanel member at the Organization for Economic Cooperation and Development (OECD) High-level Conference on Ending Violence Against Women (presentation simultaneously translated into French)OECD Headquaters in Paris, France(Sponsored by the OECD) |

**Report of Education of Patients and Service to the Community**

**Activities**

No presentations below were sponsored by outside entities.

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| 2015 | James P. Middle School / Psychiatric Neuroscientist PresenterEducated 6th through 8th graders on the neuroanatomy of the cerebellum and its important role in cognition and emotional functioning as well as motor control, providing an interactive demonstration of the adaptive role of the cerebellum. |
| 2015 | Annual County of Santa Clara Domestic Violence Conference / Psychiatric Neuroscientist PresenterDelivered workshop entitled *Recognizing Traumatic Brain Injury: Scenarios and Information Guide* to attorneys, judges, nurses, social workers, therapists, and law enforcement officers at a domestic violence conference. |
| 2016 | Center for Judicial Education and Research Domestic Violence Institute / Domestic Violence Neuroscience ExpertHelped develop afternoon curriculum for the fact-finding session of this program for the Judicial Counsel of California to judges in the San Francisco Bay Area.  |
| 2016 | Center for Judicial Education and Research Domestic Violence Institute: An Orientation to Judicial Skills (San Francisco, CA) / Domestic Violence Neuroscience ExpertDelivered talk entitled *Invisible Traumas: Traumatic Brain Injury and Strangulation in Intimate Partner Violence* for the Judicial Counsel of California to judges in the San Francisco Bay Area.  |
| 2017 | MGH Chelsea HealthCare Center Community Research Day / Researcher, Community Panel participant Discussed success of bringing IPV-TBI research efforts to the community of Chelsea (e.g., domestic violence shelters, Chelsea Police Department) and how we will continue to build this researcher-community relationship going forward.  |
| 2018 | Ontario Brain Institute and TV Ontario / PresenterPresented a free public talk, *Intimate Partner Violence and Concussion,* for the Ontario Brain Institute with a live broadcast for TVO, the public broadcasting company for Ontario. Moderated by a Staff Columnist for the Toronto Star.(Travel costs sponsored by the Ontario Brain Institute)  |
| 2018 | Chelsea Police Department / Lecturer for annual department-wide In-Service TrainingFrom March-June. Provided a weekly lecture on the prevalence and outcomes of traumatic brain injuries from intimate-partner violence. Focused on how a woman victim of a domestic violence (DV) may present/appear if she had sustained a concussion during the DV incident to which the police officers needed to respond. Provided information on how to best interact with her to help ensure the most appropriate intervention and outcome. Chelsea, MA |
| 2018 | Su Escuela Language Academy - the International Private School / Lecturer and demonstratorProvided lecture and demonstration of the brain and concussion for elementary students in grades 1-5. Emphasized importance of safety while providing an interactive demonstration using jello and eggs. Su Escuela Language Academy - the International Private School, Hingham, MA |
| 2019-2020 | James P. Timilty Middle School / Science Fair JudgeServed (3 hours) as a judge for a school-wide science fair (grades 6-8) for the MGH/Timilty Science Fair Mentor Program. Timilty Middle School, Roxbury, MA |
| 2019 | Quincy Police Department / Lecturer for annual department-wide In-Service Training for 5 sessions in March. Provided a lecture on the prevalence and outcomes of traumatic brain injuries from intimate-partner violence. Focused on how a woman victim of a domestic violence (DV) may present/appear if she had sustained a concussion during the DV incident to which the police officers needed to respond. Provided information on how to best interact with her to help ensure the most appropriate intervention and outcome.Quincy, MA |
| 2019 | Daybreak South CBC Radio One / IntervieweeInterviewed by Chris Walker of Canadian Broadcasting Company Radio about the prevalence and dangers of IPV-related TBI as well as the work we are trying to do to help understand their associated negative outcomes.Canadian Broadcasting Company, Kelowna, Canada |
| 2019(2 separatewebinars, Spring 2019 Fall 2019) | Casa de Esperanza / Webinar presenterInvisible Dangers: Repetitive Mild Traumatic Brain Injuries and Strangulation in Women Experiencing Intimate Partner ViolenceCasa de Esperanza National Latin@ Network is the national resource center that provides training and resources to mainstream and culturally specific organizations to build bridges and connections among research, practice and policy to advance effective responses to eliminate domestic violence and promote healthy relationships within Latin@ families and communities. Presented a 1.5 hour webinar session to inform the public about TBI and strangulation in relation to intimate partner violence. |
| 2019 | HAVEN (Helping Abuse and Violence End Now) at MGH and the MGH Domestic Violence Working Group Presented information and discussed (for 1 hour) ways to recognize and address TBI and strangulation in potential clients, namely survivors of intimate partner violence |

**Education Material for Patients and the Lay Community**

No presentations below were sponsored by outside entities.

**Educational material**

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| 2015 | Domestic Violence Project: Assessing Traumatic Brain Injury in Domestic Violence Victims/Survivors | Co-Author | Handout providing a concise traumatic brain injury assessment for law enforcement personnel and other stakeholders  |
| 2015 | Domestic Violence and Traumatic Brain Injury | Co-Author | Education and resource brochure for victims of domestic violence in the Santa Clara County  |

**Recognition**

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| 2016 | MGH/HST Athinoula A. Martinos Center for Biomedical Imaging | News coverage of original scholarship | “An Overlooked Epidemic: Traumatic Brain Injuries In Women Survivors of Intimate-Partner Violence”12/15/16 |
| 2017 | Channel 5 (WCVB) TV News  | News coverage of original scholarship. | “Research finds traumatic brain injuries common in domestic violence survivors”2/21/17 |
| 2017 | MGH Research Institute | News coverage of original scholarship | “Helping the Hidden Victims of Traumatic Brain Injury”2/21/17 |
| 2017 | *Clin/Comm/Unications* University of Illinois at Urbana Champaign | News coverage of original scholarship | “Helping the Hidden Victims of Traumatic Brain Injury”4/28/17 |
| 2018 | *Mind Over Matter (*Canadian magazine) | News coverage of original scholarship | “Traumatic brain injuries common in victims of intimate-partner violence, but often undiagnosed”Spring 2018 |
| 2018 | *Journal of the American Medical Association (JAMA)* | News coverage of original scholarship | “For Survivors of Intimate Partner Violence, Overlooked Brain Injuries Take a Toll”7/25/18 |
| 2018 | *Frederick News-Post* (Maryland Newspaper) | News coverage of original scholarship | “Surviving the abuse: Health care professionals ready to step in when domestic violence suspected”10/13/18 |
| 2019 | *Forbes* | News coverage of original scholarship | “A Global Public Health EpidemicGoing Completely Untreated:Intimate Partner Violence”4/8/19 |
| 2019 | MGH Advances in Motion (with online video interview) | News coverage of original scholarship | “Traumatic brain injuries caused by intimate partner violence”4/22/19 |
| 2019 | *New York Times Magazine* | News coverage of original scholarship | “Do brain injuries affect women differently than men”6/26/19 |
| 2019 | Massachusetts General Research Institute Blog | News coverage of original scholarship. | “Making Hidden Trauma Visible: Investigating the Prevalence of Traumatic Brain Injury in Cases of Intimate Partner Violence”716/19  |
| 2019 | *Everyday Health* (New York magazine) | Interview and quote. | “Many domestic violence survivors have unrecognized brain injuries”8/2/19 |
| 2019 | *Neuro Rehab Times* (UK magazine) | News coverage of original scholarship. Interview and quote. | “She’s just highly strung or emotional – how female brain injuries are going undetected”9/23/19 |
| 2019 | *Neuro Rehab Times*-*Features Desk* (UK magazine) | News coverage of original scholarship. Interview and quote. | “It’s a really, really lonely place to be”10/11/2019 |
| 2019 | *Global News* (Canadian media outlet) | News coverage of original scholarship. Interview and quote. | “Brain injury’s ‘invisible epidemic’: survivors of domestic violence”10/20/2019 |
| 2019 | *The Root- Black News, Opinions, Politics and Culture* | News coverage of original scholarship. Interview and quote. | Beyond Survival: Traumatic Brain Injury is the Aspect of Domestic Violence We Need to Discuss12/13/2019 |

**Report of Scholarship**

**Publicatioons**

[**Peer reviewed publications in print or other media**](http://cv.hms.harvard.edu/index.php?page=peer_review)

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| **Original Articles*** 1. Turrisi R, Jaccard J, Kelly SQ, **Valera EM**. Parent and teen perceptions regarding parental efforts at controlling teen drunk driving. *Journal of Applied Social Psychology* 1994; 24: 1387-1406.
	2. **Valera EM**, Heller WH, Berenbaum H. A twin study of individual differences in perceptual asymmetry. *Laterality* 1999; 4: 299-312.
	3. **Valera EM**, Berenbaum H. A twin study of alexithymia. *Psychotherapy and Psychosomatics* 2001; 70: 239-246.
	4. **Valera EM**, Berenbaum H. Brain injury in battered women. *Journal of Consulting and Clinical Psychology* 2003; 71, 797-804.
	5. Berenbaum H, **Valera EM**, Kerns JG. Psychological trauma and schizotypal symptoms. *Schizophrenia Bulletin* 2003; 29: 143-152.
	6. Seidman LJ, Doyle A, Fried R, **Valera EM**, Crum K, Matthews L. Neuropsychological function in adults with attention-deficit hyperactivity disorder.  *Psychiatric Clinics of North America* 2004; 27: 261-282*.* PMID: 15063997
	7. Seidman LJ, Biederman J, Monuteaux MC, **Valera EM**, Doyle AE, Faraone SV. Impact of gender and age on executive functioning: Do girls and boys with and without attention-deficit/hyperactivity disorder differ neuropsychologically in pre-teen and teenage years? *Developmental Neuropsychology* 2005; 27: 79-105. PMID: 15737943
	8. **Valera EM**, Faraone SF, Biederman J, Poldrack RA, Seidman LJ. Functional neuroanatomy of working memory in adult attention-deficit/hyperactivity disorder. *Biological Psychiatry* 2005; 57: 439-447. PMID: 15737657
	9. Seidman LJ, Biederman J, **Valera EM**, Monuteaux MC, Doyle AE, Faraone SV. Neuropsychological functioning in girls with attention-deficit/hyperactivity disorder with and without learning disabilities. *Neuropsychology* 2006; 20: 166-177. PMID: 16594777
	10. Makris N, Kaiser JR, Haselgrove C, Seidman LJ, Biederman J, Boriel D, **Valera EM**, Papadimitriou GM, Fischl B, Caviness VS, Kennedy DN. Human cerebral cortex: A system for the integration of volume- and surface-based representations. *Neuroimage*; 2006; 33; 139-153.
	11. Seidman LJ, **Valera  EM**, Makris N, Monuteaux MC, Boriel DL, Kelkar K, Kennedy DN, Caviness

VS, Bush G, Aleardi M, Faraone SV, Biederman J. Dorsolateral prefrontal and anterior cingulate cortex volumetric abnormalities in adults with attention-deficit/hyperactivity disorder identified by magnetic resonance imaging. *Biological Psychiatry*; 2006; 60; 1071-1080. PMID: 16876137.* 1. **Valera EM**, Faraone SV, Murray K, Seidman LJ. Meta-analysis of structural imaging findings in attention-deficit/hyperactivity disorder. *Biological Psychiatry*; 2007; 61; 1361-1369. PMID: 16950217
	2. Makris N, Biederman J, **Valera EM**, Bush G, Kaiser J, Kennedy DN, Caviness VS, Faraone SV, Seidman LJ. Cortical thinning of the attention and executive function networks in adults with attention-deficit/hyperactivity disorder. *Cerebral Cortex*; 2007; 17; 1364-1375. PMID: 16920883.
	3. Makris NM, Buka SL, Biederman J, Papadimitriou GM, Hodge SM, **Valera EM**, Brown AB, Bush G, Monuteaux MC, Caviness VS, Kennedy DN, Seidman LJ. Attention and executive systems abnormalities in adults with childhood ADHD: A DT-MRI study of connections. *Cerebral Cortex*, 2008; 18(5): 1210-1220. PMID: 17906338
	4. Bush G, Spencer T, HolmesJ, Shin LM, Surman C, **Valera EM**, Seidman LJ, Makris N, Aleardi M, Mick E, Biederman J. Functional magnetic resonance imaging of methylphenidate and placebo in adults with attention-deficit/hyperactivity disorder during the multi-source interference task; *Archives of General Psychiatry;* 2008; 65; 102-114. PMID: 18180434
	5. Biederman J, Makris N, **Valera EM**, Monuteaux MC, Goldstein JM, Buka S, Boriel DL, Bandyopadhyay S, Kennedy DN, Caviness VS, Bush G, Aleardi M, Hammerness P, Faraone SV, Seidman LJ. Towards further understanding of the comorbidity between attention-deficit/hyperactivity disorder and bipolar disorder:  An MRI study of brain volumes. *Psychological Medicine*; 2008; 38; 1045-1056. PMID: 17935640
	6. Monuteaux MC, Seidman LJ, Faraone SV, Makris N, Spencer T, **Valera EM**, BrownA, Bush G, DoyleAE, HughesS, HelliesenM, Mick E, Biederman J. A preliminary study of dopamine D4 receptor genotype and structural brain alterations in adults with ADHD. *American Journal of Medical Genetics, Part B Neuropsychiatric Genetics*; 2008, 147B: 1436-1441. PMID: 18951431
	7. **Valera EM**, Brown A, Biederman J, Faraone SV, Makris N, Monuteaux MC, Whitfield-Gabrieli S, Vitulano M, Schiller M, Seidman LJ. Sex differences in the functional neuroanatomy of working memory in adults with ADHD. *American Journal of Psychiatry;* 2010; 167:86-94. PMID: 19884224
	8. Brown AB, Biederman J, **Valera EM**, Doyle AE, Bush G, Spencer T, Monuteaux MC, Mick E,Whitfield-Gabrieli S, Makris N, LaViolette PS, Oscar-Berman M, Faraone SV, Seidman LJ. Effectof dopamine transporter gene (SLC6A3) variation on dorsal anterior cingulate function in ADHD. *American Journal of Medical Genetics, Part B Neuropsychiatric Genetics*; 2010; 153B:365-75. PMID 19676101
	9. Makris N, Seidman LJ, **Valera EM**, Monuteaux M, Kennedy DN, Caviness VS Jr, Crum K, Brown AB, Bush G, Faraone S, Biederman J. Anterior cingulate volumetric alterations in treatment-naïve adults with ADHD: A pilot study. *Journal of Attention Disorders;* 2010; 13:407-413. PMID: 20008822
	10. Stoodley CJ, **Valera EM**, Schmahmann JD. An fMRI case study of functional topography in the human cerebellum. *Behavioral Neurology;* 2010; 23:65-79. PMID: 20714062
	11. **Valera EM**, Spencer RMC, Zeffiro TA, Makris N, Spencer TJ, Faraone SV, Biederman J, Seidman LJ. Neural substrates of impaired sensorimotor timing in adult attention-deficit/hyperactivity disorder. *Biological Psychiatry;* 2010; 68:359-367. NIHMSID # 208913; PMID: 20619827
	12. Seidman LJ, Biederman J, Liang L, **Valera EM**, Monuteaux MC, Brown A, Kaiser J, Spencer T, Faraone SV, Makris N. Gray matter alterations in adults with attention-deficit/hyperactivity disorder identified by voxel based morphometry. *Biological Psychiatry*; 2011; 69: 857-866. PMID: 21183160
	13. Brown AB, Biederman J, **Valera EM**, Makris N, Doyle A, Whitfield-Gabrieli S, Mick E, Spencer T, Faraone S, Seidman L. Relationship of DAT1 and adult ADHD to task-positive and task-negative working memory networks. *Psychiatry Research: Neuroimaging*; 2011; 193: 7-16. PMID: 21596533
	14. Stoodley CJ, **Valera EM**, Schmahmann JD. Functional topography of the cerebellum for motor and cognitive tasks: An fMRI study. *NeuroImage*; 2012; 59: 1560-1570. PMID: 21907811
	15. Brown A, Biederman J, **Valera EM**, Lomedico A, Aleardi M, Makris N, Seidman LJ. Working memory network alterations and associated symptoms in adults with ADHD and bipolar disorder. *Journal of Psychiatric Research*; 2012; 46: 476-483. PMID: 22272986
	16. Makris N, Seidman LJ, Brown A, **Valera EM**, Kaiser JR, Petty CR, Liang L, Aleardi M, Boriel D, Henderson CS, Giddens M, Faraone SV, Spencer TS, Biederman J. Further understanding of the comorbidity between attention-deficit/hyperactivity disorder and bipolar disorder in adults: An MRI study of cortical thickness. *Psychiatry Research: Neuroimaging*; 2012; 202:1-11. PMID: 2264068
	17. Makris N, Liang L, Biederman J, **Valera EM**, Brown A, Petty C, Spencer T, Faraone S, Seidman LJ. Toward Defining the Neural Substrates of ADHD: A controlled structural MRI study in medication-naïve adults. *Journal of Attention Disorders*; 2015; 19: 944-953. PMID: 24189200
	18. Kurdziel LB, Dempsey K, Zahara M, **Valera E**, Spencer RMC. Impaired visuomotor adaptation in adults with ADHD. *Experimental Brain Research*; 2015; 233: 1145-1153.
	19. Kucyi A, Hove MJ, Biederman J, Van Dijk KRA, **Valera EM**. Disrupted functional connectivity of cerebellar default network areas in attention-deficit/hyperactivity disorder. *Human Brain Mapping*; 2015; 36: 3373-3386. PMID: 26109476
	20. Hove MJ, Zeffiro T, Biederman J, Li Z, Schmahmann J, **Valera EM**. Postural sway and regional cerebellar volume in adults with attention-deficit/hyperactivity disorder. *NeuroImage: Clinical*: 2015; 21: 422-428. PMID: 26106567
	21. Kucyi A, Hove MJ, Esterman M, Hutchison RM, **Valera EM**. Dynamic brain-network correlates of spontaneous fluctuations in attention. *Cerebral Cortex*; 2016; Feb 13 [Epub ahead of print] PMID: 26874182
	22. Sawyer K, Oscar-Berman M, Ruiz SM, Gálvez DA, Makris N, Harris GJ, **Valera EM**. Associations between cerebellar subregional morphometry and alcoholism history in men and women. *Alcoholism: Clinical and Experimental Research;* 2016; 40:1262-1272. PMID: 27130832
	23. Kucyi A, Esterman M, Riley CS, **Valera EM.** Spontaneous default network activity reflects behavioral variability independent of mind-wandering *Proceedings of the National Academy of Sciences*; 2016; 113:13899-13904.
	24. **Valera EM**, Kucyi A. Brain injury in women experiencing intimate partner-violence: Neural mechanistic evidence of an "invisible" trauma." *Brain Imaging and Behavior;* 2017; 11:1664-1677 PMID: 27766587.
	25. Hove MJ, Gravel N, Spencer RMC, **Valera EM**. Finger tapping and pre-attentive sensorimotor timing in adults with ADHD. *Experimental Brain Research*; 2017; 235:3663-3672.
	26. **ValeraEM**, CaoA, Pasternak O, Shenton M, KubickiM, MakrisN, Adra N. White matter correlates of mild traumatic brain injuries in women subjected to intimate-partner violence: A preliminary study. *Journal of Neurotrauma*; 2019 Mar 1;36(5):661-668 PMID: 29873292
	27. Hoche F, Daly MP, Chutake TK, **Valera EM**, Sherman JC, Schmahmann JD. The cerebellar cognitive affective syndrome in ataxia-telangiectasia. *Cerebellum*; In Press.
	28. Daugherty JC, Querido L, Quiroz N, Wang D, Hidalgo-Ruzzante N, Fernandes S, Pérez-García M, De los Reyes-Aragon CJ, Pires R, **Valera EM**. The Coin in Hand-extended version: Development and validation of a multicultural performance validity test. *Assessment*; In Press

**Other peer-reviewed publications**1. Seidman LJ, **Valera EM**, Makris, N. Structural brain imaging of Attention-Deficit/Hyperactivity Disorder. *Biological Psychiatry* 2005; 57: 1263-1272. PMID: 15949998.2. Bush G, **Valera EM**, Seidman LJ. Functional neuroimaging of Attention-Deficit/Hyperactivity  Disorder: A review and suggested future directions. *Biological Psychiatry*;2005; 57: 1273-1284. PMID: 15949999.3. Spencer TJ, Brown A, Seidman LJ, **Valera EM**, Makris N, Lomedico A, Faraone SV, Biederman J. Effect of psychostimulants on brain structure and function in ADHD: a qualitative literature review of magnetic resonance imaging-based neuroimaging studies. *Journal of Clinical Psychiatry*; 2013; 74(9): 902-917. PubMed PMID: 24107764; PubMed Central PMCID: PMC3801446.4. **Valera EM**, Campbell J, Gill J, Iverson K. Correlates of brain injuries in women subjected to intimate partner violence: Identifying the dangers and raising awareness. *Journal of Aggression, Maltreatment* *and Trauma*; In Press. |

[**Non-peer reviewed scientific or medical publications/materials in print or other media**](http://cv.hms.harvard.edu/index.php?page=no_peerreview)

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| Reviews, Commentaries and Chapters* + 1. Seidman LJ, Valera EM. The ADHD Brain. In: Biederman J, ed. ADHD: *Current understanding of etiology, diagnosis, and neurobiology*. Hasbrouck Heights, NJ: Veritas Institute 2003, pp. 25-34.
		2. Seidman LJ, Valera EM, Bush G. Brain function and structure in adults with attention-deficit hyperactivity disorder. Psychiatric Clinics of North America 2004; 27: 323-347. PMID: 15064000.
		3. Valera EM, Seidman LJ. Neurobiology of ADHD in preschoolers. *Infants and Young Children* 2006; 19: 94-108.
		4. Valera EM, Brown AB, Seidman LJ. Neuropsychology of ADHD and other disorders of childhood. In Wood SJ, Allen NB, Pantelis C, ed. *Neuropsychology of Mental Disorders*. Cambridge, UK: Cambridge University Press; 2009. pp. 285-299.
		5. Kucyi A, Esterman M, Valera EM. Reply to Csifcsák and Mittner: Fitting data to neural models of mind-wandering. *Proceedings of the National Academy of Sciences*; 2017; 114(30):E6033.
		6. Valera EM. Increasing our understanding of an overlooked public health epidemic: Traumatic brain injuries in intimate partner violence. *Journal of Women’s Health*; 2018; 27: 735-736.
		7. Valera EM. To see or not to see, that is the difference: Concussions behind closed doors*. Domestic Violence Report*, in press.
		8. Valera EM. The brain injuries we overlook: TBIs from intimate-partner violence. *Brain Injury Professional*, in press.
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Book Review

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| 1. Mukherjee D, Kerns J, Valera EM, Heller W. Schizophrenia: Past, present, and future [invited review of the book, Psychopathology: The evolving science of mental disorder]. Contemporary Psychology 1998; 43: 858-859. |

[**Professional Educational Materials or Reports, in print or other media**](http://cv.hms.harvard.edu/index.php?page=report_scholarship#print)

* + 1. Syllabus for the Child Abuse Prevention Program, Psychology Department, University of Illinois, Champaign, Illinois (1993-1996). Undergraduate course designed to educate students about childhood abuse, consequences and assessment. Role: Developed the syllabus for the academic component of this community-based child abuse intervention program run through a local woman’s shelter.
		2. Syllabus for the Adolescent Mentoring Program (Psych 340/341), Psychology Department, University of Illinois, Champaign, Illinois (1996-1998). The goals of the program were to prevent adolescent admission or readmission into the psychiatric hospital by providing them with student mentors. Role: responsible for co-developing syllabus (and course) designed to aid adolescents in the community who are suffering from a range of psychiatric disorders (e.g., depression, bulimia, anorexia)
		3. **Valera EM**, Berenbaum H. (1997). *Brain Injury Severity Assessment (BISA)*. This is a semi-structured clinical interview for detecting traumatic brain injuries sustained by intimate partners. The purpose of this assessment is to determine the presence, timing, number, and severity of possible brain injuries women may have ever sustained from their intimate partners. Role: Responsible for co-developing the measure.
		4. **Valera EM**, Faraone SV. Perspectives on Adult ADHD: Recognizing Impairment, Improving Lives. *ADHD: A common neurobiological disorder.* Adult ADHD Academic Council 2006. Newsletter in CME series, sponsored by BU School of Medicine and Shire Pharmaceuticals, to help keep general psychiatrists and primary-care physicians abreast of the latest findings on ADHD in adults and what they mean for clinicians, and to facilitate timely, accurate diagnoses and optimal treatment strategies. Role: Authored section on neuroimaging and ADHD, created CME questions pertaining to the material and reviewed overall document.
		5. Biederman J, Faraone SV, Fried R, **Valera EM**. Adult ADHD: A neurobiological disorder with a lifetime impact. Adult ADHD Academic Council 2007. CME monograph, sponsored by BU School of Medicine and Shire Pharmaceuticals, to help keep general psychiatrists and primary-care physicians abreast of the latest findings on ADHD in adults and what they mean for clinicians, and to facilitate timely, accurate diagnoses and optimal treatment strategies. Role: Authored section on the neurobiology of the ADHD brain, provided CME questions for that section.
		6. Domestic violence protocol for law enforcement 2016: Police Chief’s Association of Santa Clara. The Domestic Violence Protocol for Law Enforcement provides guidelines and establishes standards for public safety call takers, dispatchers, first responders and investigators in handling domestic violence incidents. The Protocol seeks to interpret and apply statutory and case law relating to domestic violence incident response and investigation. Role: Authored brief section detailing how to adequately inquire about the possibility and severity of potential brain injuries sustained during an incident of domestic violence.
		7. Violence Against Women Education Project. Domestic Violence Judicial Institute: an Orientation to Judicial Skills 2016. This is a project of the Judicial Council of California Center for Judicial Education and Research (CJER) Center for Families, Children & the Courts (CFCC). This 4-day course is designed to provide up-to-date and relevant information that will allow judges in the California area to work more effectively with domestic-violence cases. Role: Contributed to the development of the course curriculum by providing up-to-date information on partner-violence related brain injury and appropriate fact-finding information.

[**Theses**](http://cv.hms.harvard.edu/index.php?page=thesis)

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| * + 1. **Valera EM**. Genetic influence on perceptual asymmetries [Masters thesis]. Urbana, IL: University of Illinois at Urbana-Champaign; 1996.
		2. **Valera EM**. Brain injury in battered women: Prevalence and relationship to cognitive functioning and psychopathology [Dissertation thesis]. Urbana, IL: University of Illinois at Urbana-Champaign;1999.
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[**Abstracts, Poster Presentations and Exhibits Presented at Professional Meetings**](http://cv.hms.harvard.edu/index.php?page=abstracts) **(only select and/or recent)**

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| * + - 1. **Valera EM**, Faraone SF, Biederman J, Poldrack RA, Seidman LJ. Functional neuroanatomy of working memory in Adult Attention-Deficit/Hyperactivity Disorder. *Harvard Research Day* 2002; Mysell Award winner.
			2. **Valera EM**, Kucyi A, Hove MJ, Esterman M, Biederman J. Brain dynamics of ongoing attentional fluctuations in ADHD. Atlanta, GA. *Society of Biological Psychiatry* 2016.
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[**Narrative Report**](http://cv.hms.harvard.edu/index.php?page=narrative)

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| IntroductionI am a cognitive neuroscientist with extensive training in clinical neuropsychology, psychopathology and traumatic brain injury (TBI). I developed dual interests in attention deficit/hyperactivity disorder (ADHD) and trauma (particularly in the form of domestic violence) during my graduate career, and devoted my clinical and research training to these specific areas of interest. After receiving my Ph.D. at the University of Illinois at Urbana-Champaign, I began using neuroimaging with a focus on understanding the neurobiology of ADHD and partner-related TBI. From my ADHD research, I have also developed a strong interest in the cerebellum. Area of Excellence: InvestigationThough most ADHD research has focused on frontal-striatal dysfunction, the discovery of cerebellar abnormalities in both structural and functional magnetic resonance imaging (MRI), including my own functional and structural MRI work, provides compelling evidence that the cerebellum plays a critical role in the pathophysiology of ADHD. In my program of research, first funded by a K23 NIMH Career Development Award and then by an R01, I am examining the functional and structural integrity of corticocerebellar circuits in adult ADHD in order to elucidate their role in deficits, such as attention, motor coordination, temporal processing, and working memory. I am using structural and functional MRI, diffusion tensor imaging (DTI), and varied connectivity analyses in conjunction with behavioral motor assessments to test the hypothesis that corticocerebellar network abnormalities contribute to ADHD via a breakdown in the cerebellum’s ability to accurately predict timing for perceptual and motor domains. My lab’s most recent work in this area holds clinical relevance as it provides support for the potential targeting of cerebellar areas for therapeutic interventions in ADHD. Additionally, supported initially by a grant awarded from the Harvard Medical School Center of Excellence, and currently from a Rappaport scholarship as well as an R01, I am investigating the incidence and effects of traumatic brain injuries (TBIs) in women who have experienced intimate-partner violence (IPV). Incidence estimates suggest that this could be a critical international public health issue, affecting millions of women in the United States alone. We are using a brain injury assessment interview, questionnaires, neuropsychological testing, and a range of imaging modalities (functional, sensitivity weighted, and diffusion tensor imaging, as well as magnetic resonance spectroscopy and various clinical structural imaging scans) to characterize these women and identify relationships between IPV-related TBIs and neural, cognitive and psychological functioning. Most recently, we have provided the first mechanistic evidence of TBI and its association with cognitive functioning in women sustaining IPV-related TBI. This research could have important implications for legal, social, educational and therapeutic interventions available to women in physically abusive situations. Teaching and EducationMy teaching responsibilities at the University of Illinois included several years as a primary instructor for a child abuse prevention program as well as being co-developer and co-instructor of an adolescent mentoring program for upper level undergraduate students. More recently, I have been a guest lecturer for courses (some annually) at Massachusetts General Hospital, Boston University, Tufts University, Children’s Hospital, and Cambridge Health Alliance on topics such as the neurobiology of ADHD, neuroimaging in ADHD, the cerebellum’s potential role in the pathophysiology of neuropsychiatric disorders, and IPV-related TBI. I have also disseminated my IPV findings to non-academic professionals and relevant stakeholders (e.g., judges, social workers, police officers, attorneys). In the past, I have conducted clinical supervision of undergraduate students working with troubled adolescents, and currently conduct supervision of research assistants or interns, at the undergraduate, post-graduate, and postdoctoral levels. This includes training and supervision in tasks such as neuropsychological assessment, administration of structured clinical interviews (e.g., Structured Clinical Interview for DSM) and all research (e.g., manuscript preparation) and administrative (e.g., IRB) aspects of conducting a study. I have also welcomed international (e.g., Spain, Colombia) doctoral students into my lab for research stays to learn and be trained on IPV-related TBI. Supporting Activity: Education of Patients and Service to the CommunityOver the past several years, I have worked to bring awareness and critical information regarding IPV-related TBI to the general public and to those who are most directly involved and affected. My work modifying police protocols, developing handouts, pamphlets and workshops, assisting with curriculum development and providing presentations to lay audiences has enabled me to disseminate this information effectively to police officers, neuropathologists, judges, domestic violence staff workers, and others working directly with those affected by IPV-related TBI. For example, I have worked with local and other police departments to incorporate relevant IPV-related TBI information into their annual in-service trainings of the officers. For each police department I lectured (6-8 sessions) on IPV-related TBIs, how this is relevant to their work in domestic disturbance situations, and ways in which the officers can more appropriately identify and interact with women who may have sustained IPV-related TBIs. I have also provided free consultation in two legal cases where IPV-related TBI was a factor. SummarySince becoming a post-doctoral fellow at Harvard Medical School, I have focused on using neuroimaging to increase our understanding of the neurobiology of both ADHD and IPV-related TBI in an effort to provide clinically relevant clues to increase treatment options and outcomes. Through my lectures, consultations and outreach efforts to relevant academic and non-academic groups, I have endeavored to increase general awareness of the neurobiology of ADHD as well as IPV-related TBI and its consequences.  |