

JACQUELINE R. WEAVER
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EDUCATION

Philadelphia College of Osteopathic Medicine

Philadelphia, PA

APA-accredited Clinical Psychology Doctorate Program (Psy.D.) August 2013

Master of Science, Clinical Psychology November 2011

Dissertation: *A Voxel-based Morphometry Study of Verbal and Visual Memory in Schizophrenia*
(Donald Masey, PsyD, Principal Investigator). Defended February 2013

Towson University

Towson, MD

Experimental Psychology Masters Program (M.A.) May 2003

Cumulative GPA: 4.0

Master's Thesis: *The Effect of Ethanol Consumption on Anxiety Levels in Male Long-Evans Rats*,
(Herbert Petri, PhD, Principal Investigator)

Clarion University of Pennsylvania

Clarion, PA

Magna Cum Laude, B.S. Psychology Major/Philosophy Minor May 2000

Cumulative GPA: 3.7/4.0

Major GPA: 4.0/4.0 Minor GPA: 4.0/4.0

POST-DOCTORAL FELLOWSHIP (June 2013 – June 2014)

The Johns Hopkins University School of Medicine, Department of Neurology – Cognitive Neurology/Neuropsychology

- Research Fellow

The Johns Hopkins University School of Medicine, Department of Psychiatry and Behavioral Sciences, Division of Medical Psychology

- Clinical Fellow

CLINICAL PSYCHOLOGY APA-ACCREDITED INTERNSHIP (June 2012 – June 2013)

WellSpan Behavioral Health/WellSpan Surgery and Rehabilitation Hospital

- Provide cognitive-behavioral treatment in an outpatient community hospital setting
- Individual therapy to medical-assistance individuals, ages 18-65
- Provide cognitive-behavioral treatment, psycho-education, cognitive screenings, and family support in an inpatient rehabilitation setting. Populations served: stroke, spinal cord injury, traumatic brain injury, dementia, chronic pain, depression, anxiety
- Administration, scoring, and interpretation of neuropsychological tests in both inpatient and outpatient settings.
 - Lawrence McCloskey, PhD, ABPP
 - Kathrine Bakke-Friedland, PhD

CLINICAL PSYCHOLOGY PRACTICUM (May 2010 – May 2012)

WellSpan Behavioral Health, Neuropsychology Department

- Populations served (*referrals from Neurology Department, Psychiatry, and outpatient behavioral health*): dementia, Parkinson's disease, multiple sclerosis, essential tremor, depression, bipolar disorder, anxiety, personality disorders
- Administration, scoring, and interpretation of neuropsychological tests (i.e., WAIS-IV, WMS-IV, Halstead-Reitan Neuropsychological Battery, RBANS, Modified Mini-Mental Examination, Boston Naming Test, FAS-COWA, Trail Making Test, Multilingual Aphasia Examination, MCMI, MMPI, BDI, BAI, WRAT-IV)
- Review and summary of medical and psychiatric records
- Integrated reports written = 45
- Diagnostic interviewing
 - Lawrence McCloskey, PhD, ABPP
 - Allen Miller, PhD, MBA

WellSpan Behavioral Health, Center for Cognitive Therapy

- Provide cognitive-behavioral treatment in an outpatient community hospital setting
- Individual therapy to medical-assistance individuals, ages 18-65
- Provide empirically-supported treatments (CBT, DBT, EXRP, etc.) for depression, anxiety, obsessive-compulsive disorder, bipolar disorder, schizoaffective disorder, substance abuse, borderline personality disorder, narcissistic personality disorder, and dependent personality disorder
- Assessment, diagnosis and development of treatment plans for a variety of disorders
 - Allen Miller, PhD, MBA

RELEVANT WORK EXPERIENCE

4/12 – 6/13

Senior Research Program Manager, The Johns Hopkins School of Medicine, Department of Neurology, Baltimore, MD

- Lead research and program efforts, directing the creation and management of new database systems and implementing reporting and quality assurance activities in the program
- Advise and assist multiple senior staff members and faculty in conceptualizing data collection needs and translating these needs into collected data
- Coordinate multiple elements of this clinical research program including study design, IRB interactions, data input, storage, retrieval and analysis; and interactions with faculty and other stakeholders
- Direct hiring and/or oversight of other personnel as determined by faculty and funding sources, including additional junior data managers/programmers, junior staff, and students in certain projects
- Oversee and assist in progress of poster presentations, manuscript preparation and data analysis for all studies

- Responsible for the implementation, coordination, and management of all study protocols. Prepare materials for submission of applications and renewals and maintaining communication with the Johns Hopkins IRB and related committees
 - Develop, implement, and monitor study participant recruitment objectives and strategies in collaboration with faculty and staff
- 02/05 – 4/12 **Senior Research Assistant, The Johns Hopkins School of Medicine, Department of Neurology, Baltimore, MD**
- Provide research assistance through the creation and design of study protocols in an ongoing project on learning, memory, and cognition in neurologically impaired populations
 - Research testing and neuropsychological assessment of individuals with memory impairments, normal adults, and others
 - Design experimental paradigms using computerized testing software (i.e., E-Prime, Matlab) and analyze and manage data using Microsoft Excel and SPSS.
 - Barry Gordon, MD, PhD
- 01/05 – Current **Neuropsychometrician, Center for Neurobehavioral Health Ltd. Lancaster, PA**
- Administration of Neuropsychological Test Battery (i.e., MAE Token Test, Lateral Dominance Exam, Benton Facial Recognition, Benton Line Orientation, WMS-III & IV, WAIS-III & IV, WIAT-III, WRAT-III & IV, RAVLT, RCFT, BNT, PPVT, WMT, TOMM, TMT, Sensory-Perceptual Exam, PASAT, MMPI, DRS-II, FAS-COWA)
 - Adolescents and Adults with TBI, dementia, stroke, Lyme’s disease,
 - Complete scoring and written behavioral observation report
 - Cynthia Socha-Gelgot, PhD, ABPP-CN
- 3/04- 01/05 **Research Assistant, York Hospital, Emig Research Center, Applied Science Laboratory, York, PA**
- Assist faculty and residents with all aspects of research including project implementation, development of protocols, literature reviews, IRB approval, data analysis, manuscript preparation and scholarly presentations
 - Complete data analysis for all research and quality improvement projects using Excel, SPSS, Primer and G Power statistical analysis programs
 - Theodore Bell, MS
- 3/04 – Current **Neurorehabilitation Specialist, Center for Neurobehavioral Health Ltd., Lancaster, PA**
- Direct delivery of cognitive rehabilitation services to brain injury and other neurologically-impaired individuals in the office, home or other setting
 - Written progress notes after each patient contact
 - Cynthia Socha-Gelgot, PhD, ABPP-CN

9/02 – 3/04

Research Program Coordinator, Johns Hopkins Memory Clinic, Cognitive Neurology, The Johns Hopkins University School of Medicine, Baltimore, MD

- Coordinated clinical drug trials
- Recruited subjects in the community to participate in studies
- Assisted with budgeting process for clinical drug trials
- Served as a liaison between major drug companies and Memory Clinic
- Performed neuropsychological testing for studies and clinic visits
- Worked with the Institutional Review Boards to make sure study protocols were in compliance with all safety requirements and rules.
- Managed administrative functioning of Memory Clinic office
- Oversaw staff in the progress of studies
- Responsible for setting up clinic appointments and writing patient reports
- Collected and analyzed data and presented data to the department
- Conducted literature searches and compiled papers, which served as a basis for current research material and the development of new protocols.
- Presented programs to local health organizations and support groups on numerous topics related to memory such as Alzheimer's Disease, head injury and breast cancer.
 - Sharon Powell, RN, MPH

6/02 – 9/02

Research Assistant, Intramural Research Program Fellowship, Lab of Neuroscience, Gerontology Research Center, National Institute on Aging, National Institutes of Health, Baltimore, MD

- Performed neuroscience studies in the area of gerontology
- Created drugs in a laboratory setting to be used for testing
- Maintained and updated database and assisted in the interpretation and analysis of data
- Assisted in managing several on-going research programs
 - Donald Ingram, PhD

ACADEMIC ACTIVITIES

6/00 – 7/02

**Graduate Assistant, Dr. Michael Figler & Dr. Craig Johnson
Experimental Psychology Program, Towson University,
Towson, MD**

- Created, edited and distributed quarterly newsletter for the Experimental Psychology Graduate Program
- Assisted the chairman of the department with program recruitment across the country to other educational institutions
- Worked with students within the program to ensure correct and timely registration

Research Assistant, Dr. Donna Ashcraft
Psychology Department, Clarion University, Clarion, PA

- Maintained and updated database and assisted in the interpretation and analysis of data for several studies
- Assisted in developing lesson plans for social psychology and health psychology courses
- Assisted with grading papers and record keeping

PUBLICATIONS

Vannorsdall, T.D., Schretlen, D.J., Andrejczuk, M., Ledoux, K., Bosley, L.V., **Weaver, J.R.**, Skolasky, R.L., & Gordon, B. (2012). *Altering automatic verbal processes with transcranial direct current stimulation*. *Frontiers in Psychiatry* (3), 73.

Weaver, J.R., Stark, S., & Gordon, B. *The evaluation of semantic learning through music in individuals with amnesia*. In preparation.

Weaver, J.R., Andrejczuk, M., Skolasky, R., Stearns, V., & Gordon, B. *Neurobehavioral symptoms and impairments in breast cancer patients receiving adjuvant aromatase inhibitor (AI) therapy*. In preparation.

PRESENTATIONS

Weaver, J.R., Stark, S.M., Tarpinian, K.S., Jeter, S., Zorzi, J., Skolasky, R.L., Andrejczuk, M.A., Stearns, V. & Gordon, B. (2009, December). *Study of Neurobehavioral Symptoms and Impairments in Breast Cancer Patients Receiving Adjuvant Aromatase Inhibitor Therapy*. Poster session presented at the Annual Meeting of the San Antonio Breast Cancer Symposium, San Antonio, TX.

Weaver, J.R., & Andrejczuk, M.A. (2010, March). *Effectiveness of a Cognitive Rehabilitation Program in Korsakoff's Syndrome: A Single-case Study*. Poster session presented at the Annual Meeting of the Eastern Psychological Association, Brooklyn, NY.

Vannorsdall, T.D., Gordon, B.G., Sung, K. Pickett, E Lassen-Green, C., Andrejczuk, M., **Weaver, J.R.**, Van Droof, L., & Schretlen, D.S. (2011, February). *Transcranial Direct Current Stimulation Modifies Processing Speed in Healthy Adults*. Poster session presented at the Annual Meeting of the International Neuropsychological Society, Boston, MA.

Vannorsdall, T.D., Gordon, B.G., Sung, K. Pickett, E Lassen-Green, C., Andrejczuk, M., **Weaver, J.R.**, Van Droof, L., & Schretlen, D.S. (2011, February). *Altering Automatic Verbal Processes with Transcranial Direct Current Stimulation*. Poster session presented at the Annual Meeting of the International Neuropsychological Society, Boston, MA.

Weaver, J.R. & McCloskey, L.C. (2011, June). *Neuropsychological Profiles of Nonverbal Learning Disability and Pervasive Development Disorder in Agenesis of the Corpus Callosum* Poster session presented at the Annual Meeting of the American Academy of Clinical Neuropsychology, Washington, DC.

Weaver, J.R., Stark, S.M., Tarpinian, K.S., Jeter, S., Zorzi, J., Skolasky, R.L., Andrejczuk, M.A., Stearns, V. & Gordon, B. (2011, August). *Neuropsychological Functioning in Breast Cancer Patients Receiving Adjuvant Aromatase Inhibitor Therapy*. Poster session presented at the Annual Meeting of the American Psychological Association Convention Program, Division 40, Washington, DC.

Weaver, J.R., Vannorsdall, T.D., Smith, K.M., Schretlen, C.F., Forbes, C.R., Gordon B., Schretlen, D.J. (2012, February). *Neuroanatomic Correlates of Clustering on Verbal Fluency Tasks in Healthy Adults*. Poster session presented at the Annual Meeting of the International Neuropsychological Society, Montreal, CA.

Andrejczuk, M., Vannorsdall, T.D., **Weaver, J.R.**, Bosley, L., Reese, K., Gordon, B., Schretlen, D.J. (2012, February). *Amperage and Electrode Placement Contribute to the Detection of Active Transcranial Direct Current Stimulation (tDCS)*. Poster session presented at the Annual Meeting of the International Neuropsychological Society, Montreal, CA.

Varvaris, M., Gordon, B., Schretlen, D., & **Weaver, J.R.** (October, 2012). *Neuroanatomic Correlates of Verbal Fluency in Schizophrenia*. Poster accepted for presentation at the Annual Meeting of the Society for Neurobiology of Language in San Sebastian, Spain.

Schretlen, D., **Weaver, J.R.**, Buchholz, A., & Gordon, B. (November, 2012). *Cognitive dysfunction as an Intermediate Phenotype of Genetic Susceptibility to Schizophrenia*. Poster accepted for presentation at the Annual Meeting of the National Academy of Neuropsychology, Nashville, TN.

RESEARCH EXPERIENCE

Co-investigator, *Male Vocal Intonation and Attractiveness Ratings: A Look at the Psychology of Evolution and Mate Selection*, **Towson University**, (Michael Figler, PhD, Principal Investigator).

The Effect of Mecamylamine and Dihydro- beta-Erythroidine on Learning and Memory in the 14-unit Stone Maze in Fischer-344 Rats, **National Institute on Aging, National Institutes of Health**, (Donald Ingram, PhD, Principal Investigator).

The Effect of Trimethyltin Damage to the Limbic System and Cerebral Cortex in Fischer-344 Rats: A Measure of Memory Impairment in the 14-unit Stone Maze, **National Institute on Aging, National Institutes of Health**, (Donald Ingram, PhD, Principal Investigator).

The Effect of CPP and Glycine Transport Inhibitor 1 (GLYT1) on NMDA Receptor Function in Fischer-344 Rats: A Measure of Memory Impairment in the 14-unit Stone Maze, **National Institute on Aging, National Institutes of Health**, (Donald Ingram, PhD, Principal Investigator).

Statistician, *Parental Opinion Regarding Topical Anesthetic for Pediatric IV Insertion*, **York Hospital**, (Erik Salib, MD, Principal Investigator).

Statistician, *The Incidence of Target Vessel Flow-Limiting Complications Following Placement of a Drug- Eluting Stent for the Treatment of Coronary Artery Disease at a Community Hospital*, **York Hospital**, (Vatsala Parchuri, MD, Principal Investigator).

Statistician, *Utility of Blood Cultures in Pneumonia Patients Admitted Through the Emergency Department*, **York Hospital** (Andrew Kepner, MD, Principal Investigator).

Statistician, *Retrospective Evaluation of the Safety and Efficacy of Urokinase Compared to Reteplase in the Treatment of Peripheral Arterial and Venous Occlusions in a Community Teaching Hospital, York Hospital* (Irena Sheyko, PharmD, Principal Investigator).

Study Coordinator/Psychometrician, *A Randomized, Double-Blind, Placebo-Controlled Study of C105 (levamfetamine sulfate) to Improve Memory in Patients Suffering from Anterior Communicating Artery Syndrome, Sention Inc.*, (Barry Gordon, MD, PhD, Principal Investigator).

Study Coordinator/Psychometrician, *A Nontherapeutic Study of the Efficacy of Neurocognitive Tests to Assess the Effects of Adjuvant Chemotherapy on Cognitive and Emotional Function and Quality of Life in Breast Cancer Patients: A Pilot for the Eventual Study of ProCrit (Erythropoetin) Treatment, Ortho Biotech*, (Barry Gordon, MD, PhD, Principal Investigator).

Psychometrician, *A 12-Week, Prospective, Double-blind, Placebo-controlled, Multi-center Study Evaluating the Efficacy and Safety of Exelon 3 to 6mg/ day in Patients with Traumatic Brain Injury (TBI) with Persistent Cognitive Deficits, Novartis Pharmaceuticals Corporation*, (Barry Gordon, MD, PhD, Principal Investigator).

Study Coordinator/Psychometrician, *A 24-Week, Multicenter, Randomized Double-Blind, Placebo Controlled Evaluation of the Safety and Efficacy of Donepezil Hydrochloride (E2020) In Patients with Severe Alzheimer's Disease Followed by a 12 Week Open Label Extension Period, Eisai Inc. & Pfizer, Inc.*, (Michael Ankrom, MD, MHS, Principal Investigator).

Study Coordinator/Psychometrician, *The Assessment of Neuropsychological Functioning in Women Following Adjuvant Endocrine Therapy for Breast Cancer Treatment*, (Barry Gordon, MD, PhD, Principal Investigator).

Sub-investigator, *Investigation and Behavioral Interventions for Learning, Memory, and Cognition in Healthy and Neurologically Impaired Participants*, (Barry Gordon, MD, PhD, Principal Investigator).

Sub-investigator, *MRI Volumetric Assessment in Memory-Impaired and Normal Participants*, (Barry Gordon, MD, PhD, Principal Investigator).

Sub-investigator, *A Retrospective Survey of Outcome in Individuals With Autism and Related Disorders- Record Review and Analysis*, (Barry Gordon, MD, PhD, Principal Investigator).

Sub-investigator, *Improving Communication, Speech, Language, and Other Cognitive and Social Functions in Autism and Related Conditions: Behavioral Methods*, (Barry Gordon, MD, PhD, Principal Investigator).

Sub-investigator, *The Use of Transcranial Direct Current Stimulation to Improve Cognition*, (Barry Gordon, MD, PhD, Principal Investigator).

Sub-investigator, *The Use of Transcranial Direct Current Stimulation (tDCS) to Improve Communicative Efforts, Speech, Language and Related Cognitive Functions in Individuals with Low-Functioning Autism*, (Barry Gordon, MD, PhD, Principal Investigator).

Sub-investigator, *The Effect of Transcranial Direct Current Simulation on Subcortical Brain Functioning*, (Barry Gordon, MD, PhD, Principal Investigator).

PROFESSIONAL AFFILIATIONS

American Psychological Association, student member
Eastern Psychological Association, student member
Association for Behavioral and Cognitive Therapies, student member
Lancaster-Lebanon Psychological Association
International Neuropsychological Society, student member
American Academy of Clinical Neuropsychology, student member
National Academy of Neuropsychology, student member
Society for Neurobiology of Language, student member