

## CURRICULUM VITAE

Naomi S. Chaytor, Ph.D., ABPP

### EDUCATION

09/94 to 06/98 BSc, Psychology (honors), University of Victoria (Victoria, BC)  
08/98 to 05/01 MS, Clinical Psychology, Washington State University (Pullman, WA)  
08/01 to 08/04 PhD, Clinical Psychology, Washington State University (Pullman, WA)

### POSTGRADUATE TRAINING

07/03 to 07/04 Pre-doctoral Psychology/Neuropsychology Internship, Baylor College of Medicine (Houston, TX)  
07/04 to 07/05 Post-doctoral Fellowship in Neuropsychology and Rehabilitation, Department of Rehabilitation Medicine, University of Washington School of Medicine (Seattle, WA)

### FACULTY POSITIONS

07/05 to 11/06 Acting Instructor, University of Washington School of Medicine, Department of Neurology (Seattle, WA)  
11/06 to 6/10 Acting Assistant Professor, University of Washington School of Medicine, Department of Neurology (Seattle, WA)  
07/10 to 8/13 Assistant Professor, University of Washington School of Medicine, Department of Neurology (Seattle, WA)  
09/13 – 6/15 Assistant Professor, University of Washington School of Medicine, Department of Rehabilitation Medicine (Seattle, WA)  
07/15 – 08/15 Associate Professor, University of Washington School of Medicine, Department of Rehabilitation Medicine (Seattle, WA)  
11/16 – present Clinical Assistant Professor, University of Washington School of Medicine, Department of Psychiatry and Behavioral Sciences  
08/15 – present Associate Professor (with Tenure), Department of Medical Education and Clinical Sciences, Washington State University, Elson S. Floyd College of Medicine (Spokane, WA)

### HOSPITAL APPOINTMENTS

10/05-8/13 Neuropsychologist, Harborview Medical Center (HMC) (Seattle, WA)  
10/07-8/13 Director, Neuropsychology Laboratory, UW Regional Epilepsy Center (Seattle, WA)  
9/13-7/15 Neuropsychologist/Rehabilitation Psychologist, UW Medical Center (Seattle, WA)

### HONORS

1998 B.Sc. awarded *with distinction*, University of Victoria  
1998 Nominated to apply for the Rhodes Scholar program, University of Victoria  
2000 Travel Grant, Washington State University  
2000 Member of Phi Kappa Phi National Honor Society  
2002 Second Place, Wiley Graduate Research Exposition, WSU  
2002 International Neuropsychological Society Rennick Predoctoral Research Award for the best graduate student research submission.  
2016 Guest Editor for a special issue of *Diabetes Spectrum* (vol. 29, issue 4) on cognition and diabetes across the lifespan.

## CURRICULUM VITAE

Naomi S. Chaytor, Ph.D., ABPP

### BOARD CERTIFICATION

2007- American Board of Professional Psychology, specialty certification in Clinical Neuropsychology

### PSYCHOLOGIST LICENSURE

2005- Washington State, License #PY 3312

### PROFESSIONAL ORGANIZATIONS

1999- International Neuropsychological Society  
2007- American Academy of Clinical Neuropsychology  
2007- American Board of Professional Psychology  
2017- American Diabetes Association  
2017- Behavioral Research in Diabetes Group (BRIDGE), Member (elected membership)

### TEACHING RESPONSIBILITIES

#### Courses:

1999 Honors Introductory Psychology, Psychology 105. Teaching Assistant, Washington State University, Pullman, WA  
1999 Social Psychology, Psychology 372. Teaching Assistant, Washington State University, Pullman, WA  
1999-2002 Introduction to Psychology, Psychology 105. Instructor, Washington State University, Pullman, WA  
2000-2001 Intelligence Assessment, Psychology 533. Supervised and critiqued 1<sup>st</sup> year graduate students' videotaped practice administrations of the WAIS-III and WISC-III, Washington State University, Pullman, WA  
2000-2001 Physiological Psychology, Psychology 372. Instructor, Washington State University, Pullman, WA  
2002-2003 Helping Skills, Psychology 444. Instructor, Washington State University, Pullman, WA  
2005 Neuro/Rehabilitation Psychology. Coordinated a seminar series for rehabilitation medicine residents, UW, Seattle  
2015-2018 MED FMS 512. Assisted with course development and instruction for the second-year nervous system and behavioral medicine course component. Elson S. Floyd College of Medicine, Washington State University, Spokane, WA  
2018 Journal Club Co-Thread Director (Evidence Based Medicine Thread: EBM 503). Elson S. Floyd College of Medicine, Washington State University, Spokane, WA  
2017- Introduction to Scholarship Series (Evidence Based Medicine Thread; EBM 501). Quantitative Methods and Screening/Diagnostic Tests. Elson S. Floyd College of Medicine, Washington State University, Spokane, WA  
2017- Journal Club Facilitator and Guide Author (Evidence Based Medicine Thread: EBM 502/503). Elson S. Floyd College of Medicine, Washington State University, Spokane, WA

## CURRICULUM VITAE

Naomi S. Chaytor, Ph.D., ABPP

- 2018- MED FMS 512. Component contributor for nervous system and behavioral medicine component (Dementia case author, LGAL session leader, Master Clinician session)
- 2019 Case Based Learning (CBL), small group facilitator

### Invited lectures/CME Courses/Peer Teaching:

#### National:

- 6/2004 Research Education and Development Seminar Series. Research presentation at Baylor College of Medicine, Houston, TX.
- 9/2009 PEARL (Program to Encourage Active and Rewarding Lives) Training Workshop (CME program)
- 2/2011 Invited Speaker for the Behavioral Aspects of Neurological Disease conference, “Neuropsychological Issues in TBI”, Sun Valley, ID
- 2/2011 Invited Speaker for the Behavioral Aspects of Neurological Disease conference, “Psychological Treatment for Depression in Epilepsy”, Sun Valley, ID
- 6/2011 Invited speaker for the Institute of Medicine Workshop on Quality, Access, and Education for the Epilepsies, “Mental health resources and services across the lifespan”
- 5/2012 Managing Epilepsy Well (MEW) Webinar for the Epilepsy Foundation Affiliates “Improving mental health outcomes for people with epilepsy: the PEARLS program”
- 12/2012 Invited Speaker, American Epilepsy Society, Military Epileptologist Special Interest Group, “Managing Epilepsy Well: PEARLS, UPLIFT and WebEase”, San Diego, CA
- 7/2016 Invited Speaker, Stanford Medicine Geropsychiatry and Neuroscience Grand Rounds, “Neuropsychological Functioning in Older Adults with Type 1 Diabetes”, Palo Alto, CA
- 10/2018 Invited CE Speaker, National Academy of Neuropsychology Annual Conference, “Ecological Validity and Naturalistic Assessment: Research Update and Clinical Implications”, New Orleans, LA

#### Local/Regional:

- 12/2006 Pacific Northwest Neuropsychological Society, “The Impact of Extra-Test Variables on Ecological Validity Research”, Seattle, WA
- 5/2008 University of Washington, Neurology Grand Rounds, “Neuropsychological Assessment: What is it and when is it helpful?”
- 11/2008 University of Washington, REC Epilepsy Research Seminar presentation, “Everyday Functioning in Epilepsy: The Impact of Cognition, Depression and Surgery”
- 12/2010 University of Washington, Neurology Grand Rounds, “Treating Depression in Epilepsy”
- 1/2011 University of Washington, REC Epilepsy Research Seminar presentation, “Depression & Epilepsy: Mechanisms and Treatment”

## CURRICULUM VITAE

Naomi S. Chaytor, Ph.D., ABPP

- 3/2011 Guest Lecture, Argosy University Clinical Psychology Program, Advanced Neuropsychology Seminar, “The neuropsychology of epilepsy surgery and Deep Brain Stimulation”, Seattle, WA
- 5/2012 Seattle VA Neuropsychology Seminar, “Psychogenic Non-Epileptic Seizures: What we know and don’t know”
- 10/2012 University of Washington, Neurology Grand Rounds, “Neuropsychology of Multiple Sclerosis”. Available online as a UW Medicine Provider resource: <http://providerresource.uwmedicine.org/videos/neuropsychology-of-multiple-sclerosis>
- 11/2012 University of Washington, Rehabilitation Psychology Journal Club, “PNES & Epilepsy: What every rehab psychologist should know.”
- 11/2012 Seattle VA Neuropsychology Seminar, “Neuropsychology of Epilepsy and Epilepsy Surgery”
- 1/2013 University of Washington, Diabetes Care Center, “Quick Overview of the Neuropsychology of Diabetes”
- 2/2013 University of Washington, Faculty Development Program “Women and Leadership”: Small Group Leader, “Little Children at Home: Work Life Balance”
- 2/2013 University of Washington, REC Epilepsy Research Seminar presentation, “MONEAD Study: Maternal Outcomes and Neurobehavioral Effects of Anti-epileptic Drugs”
- 3/2013 University of Washington, Roosevelt Grand Rounds, “Neuropsychology: What is it and when is it helpful?”
- 2012-2013 UW Medicine Neuropsychology Journal Club, Coordinator (trainees and faculty from Children’s Hospital, UWMC, HMC, Seattle VA and Valley Medical Center).
- 3/2014 University of Washington, Faculty Development Program “Women and Leadership”, Panelist and Small Group Leader
- 9/2015 Washington State Psychological Association, Spokane Chapter, “Psychogenic Non-Epileptic Events (PNES) and Epilepsy: What every Psychologist Should Know”, CE presentation
- 12/2016 WSU College of Medicine Faculty Development Seminar: “Strategies for Promoting Gender Equity and Inclusion in Medical Education and Leadership”

### Allied Health Professions Teaching:

- 6/2007 HMC EEG brown bag lecture series, “Neuropsychological Interpretation”
- 10/2012 HMC Social Work In-service, “Overview of Neuropsychology”
- 2/2013 HMC Angiography Technician/Nurse In-service, “The Wada Procedure”
- 10/2014 REHAB 510, “Rehabilitation Psychology of Seizure Disorders”

### Community Outreach:

- 10/2007 Epilepsy Foundation Northwest educational seminar series, “Memory and other Cognitive Problems in Epilepsy”, Seattle, WA
- 1/2017 Wellness Collaborative Special Event: Stress and Healthy U expert panel. Program aired on the WSU channel 16.
- 4/2018 KSPS Health Matters: Alzheimer’s Disease. Live talk show with expert panel, aired 4/19/18.

## CURRICULUM VITAE

Naomi S. Chaytor, Ph.D., ABPP

5/2018 Prescription Drug Assistance Foundation, Keynote Speaker, Diabetes and Access to Medications.

### Resident/Fellow/Student Teaching:

2005-2013 Neuropsychology research and clinical practicum for clinical psychology graduate students (Erica Coady, PhD; Maria Holsman, PhD; Hillary Russell, PhD, Jane Turnbull, PhD, Danielle Wald, PhD, Sara Dyson, PhD), Coordinator and supervisor

2006-2013 UW Neurology Resident Neuropsychology Elective Rotation (Alex Nee, MD; Brian Vaillant, MD; Daniel Major, MD; Rosalind Chuang, MD; Zornitza Stoilova, MD; Zac Miller, MD, Christina Lu-Emerson, MD, Megan Donohue, MD, John Jefferson, MD, Elham Rezvani, MD, Ning Zhong, MD, Teddy Youn, MD), Coordinator and supervisor

2010-2013 UW Epilepsy Fellow Neuropsychology Rotation (Daniel Major, MD, Octavian Lie, MD), Coordinator and supervisor

2008-2009 HMC/UWMC rehabilitation psychology residents and fellows, Annual didactic presentation on the neuropsychology of epilepsy.

2010 UW Neurology Resident Didactic series, “Neuropsychology Overview”

2010-2015 UW Neurology Resident Neurology Board Review Course: “Neuropsychological Testing” (annual)

2013 Collaborator on K23 Award submission (Emily Ho, MD, PhD)

2013-2015 University of Washington, Neuropsychology Seminar, jointly organize and lead this weekly seminar series for rehabilitation psychology residents and fellows, responsible for curriculum development, selected lectures, and case presentations.

2013-2015 University of Washington, Rehabilitation Psychology Residency, Clinical Supervisor, supervise behavioral medicine/neuropsychology residents in clinical neuropsychological assessment

2014-2015 University of Washington Psychology Residency Didactic Series, “Combined Neuropsychological Neuroimaging Results: What Do These Add to our Understanding and Treatment of the Patient?” Annual presentation.

2014-2015 University of Washington, Rehabilitation Psychology Fellowship, Clinical Supervisor, supervision and mentorship of fellows in neuropsychology

4/2017 WSU Clinical Psychology Graduate Program Seminar, “Cognition and Self-Management in Older Adults with Type 1 Diabetes”.

4/2018 WSU Gerotechnology Seminar Series, “Diabetes Management Technology and Cognition in Older Adults with Type 1 Diabetes” Available online at: <https://www.youtube.com/watch?v=fA9txEeIvwc>

2015- WSU Clinical Neuropsychology Graduate Student Presentations, guest presentations on “Careers in Neuropsychology”, “Type 1 Diabetes and Cognition”, and “Collaborative Research in Neuropsychology”.

2015- Providence Psychiatry Residency Didactic Series, 4 two-hour lectures per year on neuropsychological assessment, psychological assessment, neuropsychology of psychiatric disorders and neurocognitive disorders.

2016- WSU Psych 575: Neuropsychology, Guest lectures on Movement Disorders and Epilepsy.

## CURRICULUM VITAE

Naomi S. Chaytor, Ph.D., ABPP

### WSU Graduate Student Committee Membership

- 2017-18      Experimental Psychology  
                 -Amy Nusbaum (Preliminary Exam Committee), passed 4/2018
- 2018-        Speech and Hearing Sciences  
                 -Ellen Benetti (Master's Thesis Committee), defended 3/2019
- 2016-        Clinical Psychology (Neuropsychology Emphasis)  
                 -Robert Fellows (Preliminary Paper Committee), defended 12/2017  
                 -Catherine Sumida (Preliminary Paper Committee), defended 12/2018  
                 -Katelyn Brown (Master's Thesis Committee), defended 1/2019  
                 -Rachel Braley (Master's Thesis Committee), defended 7/2017  
                 -Lisa Chudoba (Master's Thesis Committee)

### NATIONAL SERVICE

- 2007        Department of Defense, TBI Concept Award Program, Grant Reviewer, Leesburg, VA
- 2007        Department of Defense, Congressionally-Directed Traumatic Brain Injury Research Program, Grant Reviewer, Leesburg, VA
- 2011        Institute of Medicine, Workshop on Quality, Access, and Education for the Epilepsies. Invited speaker for the "Improving Quality of Life: Community Programs and Resources" panel. Topic: Mental Health and Epilepsy Across the Lifespan. Washington, DC. This workshop was used to develop the IOM report: Epilepsy Across the Spectrum. [www.iom.edu/epilepsy](http://www.iom.edu/epilepsy)
- 2012        Department of Defense, Congressionally-Directed Epilepsy Research Program, Grant Reviewer
- 2013        CDC and Epilepsy Foundation, Project UPLIFT dissemination grant program, Grant Reviewer
- 2013-        American Board of Clinical Neuropsychology, Board Certification Work Sample Review Cadre
- 2015-        American Academy of Clinical Neuropsychology, Student Advisory Committee
- 2016-        International Neuropsychological Society (INS), Science Committee
- 2016-        American Academy of Clinical Neuropsychology, Student Mentorship Program Committee
- 2018        International Neuropsychological Society (INS) World Congress, Scientific Program Committee Member, July 18-20, 2018 in Prague, Czech Republic
- 2018        NIH Core Neuropsychological Measures for Obesity and Diabetes Workshop, Invited Expert, Bethesda, MD, May 2-4, 2018.

### LOCAL/REGIONAL SERVICE

- 2012-2015    Dean's Standing Committee on Women in Medicine and Science, UW School of Medicine
- 2013-2015    UW Psychology Residency, Professional Development Committee
- 2014-2015    UW Rehabilitation Psychology Fellowship Steering Committee
- 2014-2015    UW Psychology Residency, Didactics Committee
- 2015-2016    WSU College of Medicine, Ad hoc Promotion and Tenure Committee

## CURRICULUM VITAE

Naomi S. Chaytor, Ph.D., ABPP

2016-2017	WSU College of Medicine Search Committee, Chair of the Department of Medical Education and Clinical Sciences
2016-2019	WSU Faculty Senate, Spokane Campus Representative
2016-2019	WSU Faculty Senate Steering Committee, Spokane Campus Representative
2017-2018	WSU Association of Faculty Women (AFW), Co-Liaison to the Spokane Campus
2017	WSU College of Medicine Search Committee, Assistant Dean of Diversity and Inclusion
2017-18	WSU Spokane Mental Health Promotion and Suicide Prevention Committee
2014-	UW Institute of Translational Health Sciences, Pilot grant reviewer
2016-	WSU College of Medicine, Multiple Mini Interview (MMI) interviewer
2017-	WSU College of Medicine, Scholarly Projects Committee
2017-	WSU College of Medicine Equity Committee, Elected Member
2017-	AAMC, Group on Women in Medicine and Science (GWIMS), Founding Member
2019-	WSU Faculty Senate, Professional Health Sciences Committee, Chancellor's Representative

## RESEARCH FUNDING, PAST, PENDING AND CURRENT

### Current:

4/01/19-3/31/23 **NIH/NIDDK, 1R01 DK 121240-01 (PI: Chaytor/Germine)**

*Glycemic Variability and Fluctuations in Cognitive Status in Adults with Type 1 Diabetes*

The aims of this project are to 1) characterize the relationship between glycemic excursions and cognitive status, 2) determine how state variables (stress, negative affect, and fatigue) impact the relationship between glycemia and cognitive status, and 3) determine if diabetes-related factors moderate the association between glycemia and cognitive status.

Role: Principal Investigator

9/21/17-8/31/22 **NIH/NIAA, 2R01 AA 020248 (PI: McDonell)**

*Novel Etc Based Contingency Management for Alcohol in the Severely Mentally Ill*

The aims of this project are to determine whether modifications to contingency management (CM) can improve outcomes and reduce costs in heavy drinkers with serious mental illness (SMI), as well as to identify potential treatment moderators, such as cognitive function.

Role: Co-Investigator

7/01/17-6/30/20 **JDRF/HCT, 3-SRA-2017-425-M-R (PIs: Chaytor/Miller/Pratley)**

*A Randomized Clinical Trial of Continuous Glucose Monitoring in Older Adults with Type 1 Diabetes: Wireless Innovation for Seniors with Diabetes Mellitus (WISDM)*

The aims of this project are to assess the effectiveness of continuous glucose monitoring on reducing hypoglycemia and improving quality of life and cognition in older adults with type 1 diabetes. The study aims will be addressed via a multi-center, randomized clinical trial at 21 clinical sites from the T1D Exchange Clinic Network.

**Role:** Principal Investigator

## CURRICULUM VITAE

Naomi S. Chaytor, Ph.D., ABPP

9/26/16-7/31/21 **NIH/NINR, R01NR016459-01 (PIs: Carson/Douglas/Hough)**

*Prediction of Functional Outcomes from Chronic Critical Illness*

This multi-center study will create the largest prospectively enrolled cohort of chronically critically ill patients to date, and it will be the first to determine which patients are at highest risk for both physical and cognitive dysfunction. The clinical prediction models that we develop and validate will be a significant improvement on current assessments of prognosis, and they will be immediately applicable to clinical practice by informing shared decision-making about goals of care.

**Role:** Co-Investigator, Subaward PI

### Past:

6/01/17-2/28/18 **UW/ITHS/NIH, Research Innovation Award (PI: Chaytor)**

*Improving the Conduct of Clinical Trial Research through Validation of a Patient-Centered Approach to Neurocognitive Assessment*

The goals of this project are to evaluate 1) acceptability (preference and satisfaction) and 2) psychometric properties (reliability, convergent/discriminant validity and ecological validity) of self-administered online neurocognitive assessment compared to traditional neurocognitive assessment in adults with diabetes and diabetic kidney disease.

**Role:** Principal Investigator

1/1/15-8/31/16 **NIH/NIDDK, 2R44DK104317-03 (PI: Richard Mauseth)**

*Use of Dose Safety Controller (DSC) Artificial Pancreas in Subjects With Hypoglycemia Unawareness*

The goal of this project is to show that the DSC artificial pancreas device will 1) safely & effectively control blood glucose for type 1 diabetes patients with hypoglycemic unawareness, 2) restore awareness of hypoglycemia and 3) improve quality of life, emotional symptoms and cognitive function.

**Role:** Co-investigator, Subaward PI

7/1/13-7/31/15 **NIH/NINDS, R01NS082120 (PI: Christina Marra)**

*Lumbar Puncture and Syphilis Outcome*

The goal of this project is to determine if a strategy of immediate lumbar puncture in high-risk individuals, followed by therapy based on the results of CSF examination, results in better serological, cognitive and functional outcomes in HIV-infected patients with syphilis.

**Role:** Co-Investigator/Site Neuropsychologist

4/1/13-12/31/14 **Helmsley Charitable Trust, JAEB Center for Health Research (PI: Roy Beck)**

*Severe Hypoglycemia in Older Adults with Type 1 Diabetes*

This multi-site study will identify cognitive, behavioral, emotional and medical factors associated with the occurrence of severe hypoglycemia in older adults with Type 1 Diabetes.

**Role:** Subcontract PI/Neuropsychologist for national multi-site study



## CURRICULUM VITAE

Naomi S. Chaytor, Ph.D., ABPP

- 9/2012-7/2014 **CDC Prevention Research Center Epilepsy Program SIP 12-057(PI: Fraser)**  
*Managing Epilepsy Well (MEW) Network: Collaborating Center for Epilepsy Self-Management Intervention Research*  
This is a center grant to investigate novel methods for improving patient education and self-management strategies for patients with epilepsy. This study modified the PACES intervention for use in rural populations.  
**Role:** Co-Investigator
- 4/2012-8/2013 **NIH/NINDS, 2R01NS038455-11A1 (PI: Meador)**  
*Maternal Outcomes and Neurodevelopmental Effects of Antiepileptic Drugs*  
This multi-site observational study will follow pregnant women with epilepsy taking anti-epileptic medications and characterize the effects on the mother and child. Outcomes include cognitive assessment of children through age 2.  
**Role:** Co-Investigator/Site Neuropsychologist
- 10/2008-9/2013 **CDC Prevention Research Center Epilepsy Program SIP 1-08 (PI: Fraser)**  
*Managing Epilepsy Well (MEW) Network: Collaborating Center for Epilepsy Self-Management Intervention Research*  
This is a center grant to investigate novel methods for improving patient education and self-management strategies for patients with epilepsy. We completed a randomized clinical trial of a self-management group intervention (PACES) in people with epilepsy.  
**Role:** Co-Investigator
- 4/2009-3/2013 **NIH/NINDS, 1U01NS058634-01A2 (PIs: Barbaro, Quigg)**  
*Radiosurgery vs. lobectomy for temporal lobe epilepsy: Phase 3 clinical trial.*  
This is a multi-site trial of Gamma Knife surgery compared to open surgery for temporal lobe epilepsy.  
**Role:** Site Neuropsychologist
- 10/2006-9/2009 **CDC U48 DP000572-02 (PI: Ciechanowski)**  
*PEARLS Intervention to Reduce Depression among Adults with Epilepsy*  
This was a randomized controlled trial to determine the effectiveness of a home-based collaborative treatment for depression in patients with epilepsy. The intervention consisted of psychiatric consultation and problem-solving treatment, behavioral and physical activation and pleasant events scheduling.  
**Role:** Co-Investigator

## BIBLIOGRAPHY

PEER REVIEWED JOURNAL ARTICLES (\* denotes student/fellow author)

**Google Scholar data: 1744 citations, h-index = 16, i10 index = 17**

1. **Chaytor, N.** & Schmitter-Edgecombe, M. (2003). The ecological validity of neuropsychological testing: A review of the literature on everyday cognitive skills. *Neuropsychology Review*, 13(4), 181-197.
2. Schmitter-Edgecombe, M., & **Chaytor, N.** (2003). Self-ordered pointing performance following severe closed-head injury. *Journal of Clinical and Experimental Neuropsychology*, 25, 918-932.

3. **Chaytor, N.** & Schmitter-Edgecombe, M. (2004). Working memory and aging: A cross-sectional and longitudinal analysis of a self-ordered pointing task. *Journal of the International Neuropsychological Society*, 10, 489-503.
4. **Chaytor, N.**, Schmitter-Edgecombe, M. & Burr, R. (2006). Improving the ecological validity of executive functioning assessment. *Archives of Clinical Neuropsychology*, 21, 217-227.
5. Drane, D., Williamson, D.J., Stroup, E., Holmes, M., Jung, M., Koerner, E., **Chaytor, N.**, Wilensky, A., & Miller, J.W. (2006). Cognitive impairment is not equal in patients with epileptic and psychogenic nonepileptic seizures. *Epilepsia*, 47(11), 1879-1886.
6. **Chaytor, N.**, Temkin, N., Machamer, J. & Dikmen, S. (2007). The ecological validity of neuropsychological assessment and the role of depressive symptoms in moderate to severe traumatic brain injury. *Journal of the International Neuropsychological Society*, 13(3), 377-385.
7. **Chaytor, N.**, & Schmitter-Edgecombe, M. (2007). The fractionation of executive dysfunction in a heterogeneous neurological sample: Comparing the dysexecutive questionnaire and the Brock adaptive functioning questionnaire. *Brain Injury*, 21(6), 615-621.
8. \*Thompson AW, Miller JW, Katon W, **Chaytor N**, Ciechanowski P. (2009). Sociodemographic and clinical factors associated with depression in epilepsy. *Epilepsy & Behavior*, 14(4), 655-60.
9. \*Russell, H., \*Coady, E. L., **Chaytor, N.** (2009). The impact of seizure related items and comorbid medical conditions on the MMPI-2 profiles of patients with epilepsy and psychogenic nonepileptic seizures. *Epilepsy & Behavior*, 15(3), 325-9.
10. \*Thompson, A., \*Hantke, N., Phatak, V. & **Chaytor, N.S.** (2010). The Personality Assessment Inventory as a tool for diagnosing psychogenic non-epileptic seizures, *Epilepsia*, 51(1), 161-164.
11. Ciechanowski, P., **Chaytor, N.**, Miller, J.W., Fraser, R., Russo, J., Unutzer, J., & Gilliam, F. (2010). PEARLS depression treatment for individuals with epilepsy: A randomized controlled trial. *Epilepsy & Behavior*, 19(3):225-31.
12. \*Hoskins, L. L., Binder, L. M., **Chaytor, N. S.**, Williamson, D. J., & Drane, D. L. (2010). Comparison of the oral and computerized versions of the word memory test. *Archives of Clinical Neuropsychology*, 25(7):591-600. PMID: 20719808
13. Fraser, R., Johnson, E.K., Miller, J.W., Temkin, N., Barber, J., Caylor, L., Ciechanowski, P. & **Chaytor, N.** (2011). Managing epilepsy well: self-management needs assessment. *Epilepsy & Behavior*, 20(2): 291-8.
14. **Chaytor, N.**, Ciechanowski, P., Miller, J.W., Fraser, R., Russo, J., Unutzer, J., & Gilliam, F. (2011). Long-term follow-up of the PEARLS depression treatment trial. *Epilepsy & Behavior*, 20(3): 545-549.
15. Williamson, D. J., \*Holsman, M., **Chaytor, N.**, Miller, J. W., & Drane, D. L. (2012). Abuse, not financial incentive, predicts noncredible cognitive performance in patients with psychogenic nonepileptic seizures. *The Clinical Neuropsychologist*, 26(4):588-98.
16. Johnson, EK, Fraser, RT, Miller, JW, Temkin, N, Barber, J, Caylor, L, Ciechanowski, P, **Chaytor, NS.** (2012). A comparison of self-management needs: provider and patient perspectives. *Epilepsy & Behavior*, 25(2):150-5.
17. Fraser, R, Johnson, E, Lashley, S, Barber, J, **Chaytor, N**, Miller, JW, Ciechanowski, P, Temkin, N, Caylor, L. (2015). PACES in epilepsy: results of a self-management randomized controlled trial. *Epilepsia*, 56(8), 1264-74.
18. \*Nakatsu, D, Fukuhara, T, **Chaytor, NS**, Phatak, VS, Avellino, AM. (2016). Repeatable battery for the assessment of neuropsychological status (RBANS) as a cognitive evaluation tool for

- patients with normal pressure hydrocephalus. *Neurologia Medico-chirurgica*, 56(2), 51-61. PMID: 26369720
19. Barbosa-Leiker, C, McPherson, S, Daratha, K, Alicic, R, Short, R, \*Dieter, B, **Chaytor, N**, Roll, J, & Tuttle, K. (2016). Association between prescription opioid use and biomarkers of kidney disease in US adults. *Kidney and Blood Pressure Research*, 41(4), 365-73.
  20. Alicic, R, Short, R, Corbett, C, Neumiller, J, Gates, B, Daratha, K, Barbosa-Leiker, C, McPherson, S, **Chaytor, N**, Setter, S & Tuttle, K (2016). Medication intervention for CKD patients transitioning from hospital to home: Study design and baseline characteristics. *American Journal of Nephrology*, 44(2), 122-9. PMID: 27487357
  21. Weinstock RS, DuBose SN, Bergenstal RM, **Chaytor NS**, Peterson C, Olson BA, Munshi MN, Perrin AJ, Miller KM, Beck RW, Liljenquist DR, Aleppo G, Buse JB, Kruger D, Bhargava A, Goland RS, Edelen RC, Pratley RE, Peters AL, Rodriguez H, Ahmann AJ, Lock JP, Garg SK, Rickels MR, Hirsch IB; T1D Exchange Severe Hypoglycemia in Older Adults with Type 1 Diabetes Study Group (2016). Risk factors associated with severe hypoglycemia in older adults with type 1 diabetes. *Diabetes Care*, 39(4), 603-10. PMID: 26681721
  22. **Chaytor, N** (2016). Cognition in adults and older adults with type 1 diabetes: chicken or egg? *Diabetes Spectrum*, 29(4), 219-224. PMID: 27899873
  23. \*Hezarjaribi, N, Reynolds, C, Miller, D, **Chaytor, N** & Ghasemzadeh, H. S2NI: A Mobile Platform for Nutrition Monitoring from Spoken Data (2016). Conf Proc *IEEE Eng Med Biol Soc*, 1991-1994. PMID: 28268720
  24. **Chaytor, N**, Riddlesworth, T, Bzdick, S, Odegard, P, Gray, S, Lock, J, Miller, K, Beck, R for the T1D Exchange Severe Hypoglycemia in Older Adults with Type 1 Diabetes Study Group. (2017). The relationship between neuropsychological assessment, numeracy, and functional status in older adults with type 1 diabetes. *Neuropsychological Rehabilitation*. Nov 25: 1-15. PMID: 26605669
  25. Tuttle, K, Alicic, R, Short, R, Neumiller, J, Gates, B, Daratha, K, Barbosa-Leiker, C, McPherson, S, **Chaytor, N**, \*Dieter, B, Setter, S and Corbett, C. (2018) Medication Therapy Management after Hospitalization in CKD: A Randomized Clinical Trial. *CJASN*, 13(2), 231-241. PMID: 29295829.
  26. \*Oluwoye O, Skalisky J, Burduli E, **Chaytor NS**, McPherson S, Murphy S, Herron J, \*Hirschak K, Burley M, Ries RK, Roll JM, McDonnell MG. (2018). Using a randomized controlled trial to test whether modifications to contingency management improve outcomes for heavy drinkers with serious mental illness. *Contemporary Clinical Trials*, 69, 92-98. PMID: 29680318
  27. Friedman, D, Spruill, T, Liu, H, Tatsuoka, C, Stoll, S, Jobst, B, Fraser, R, Johnson, E, **Chaytor, N**, Sajatovic, M (2018). Depressive symptoms and suicidality among individuals with epilepsy enrolled in self-management studies: Results from the US Centers for Disease Control and Prevention Managing Epilepsy Well (MEW) Network. *Epilepsy and Behavior*, 87, 235-240. PMID: 30115600
  28. **Chaytor, NS**, Barbosa-Leiker, C, Ryan, CM, Germine, LT, Hirsch, IB, and Weinstock, RS. (2019). Clinically Significant Cognitive Impairment in Older Adults with Type 1 Diabetes. *Journal of Diabetes and Its Complications*, 33(1), 91-97. PMID: 29728302
  29. Germine, L, Reinecke, K & **Chaytor, N** (2019): Digital neuropsychology: challenges and opportunities at the intersection of science and software, *The Clinical Neuropsychologist*, 33(2): 271-286. PMID: 30614374

## CURRICULUM VITAE

Naomi S. Chaytor, Ph.D., ABPP

### INVITED PAPERS (letters to editor, editorials, book reviews, expert commentary; not peer-reviewed)

1. **Chaytor, NS** & Phatak, V. (2010). Are patients with epilepsy at greater risk for developing dementia in old age? *UW Regional Epilepsy Center newsletter*.
2. **Chaytor, NS**. (2014). Neuropsychology is much more than just testing. *The Clinical Neuropsychologist*, 28(7), 1209-1210. Invited Book Review.
3. **Chaytor, NS** (2016). Diabetes and cognition across the lifespan: Preface. *Diabetes Spectrum*, 29(4), 194-95. PMID: 27899868
4. **Chaytor N**. (2017). Cognitive Deficits Associated with Impaired Awareness of Hypoglycaemia in Type 1 Diabetes. Expert commentary for PracticeUpdate website. Available at: <http://www.practiceupdate.com/content/cognitive-deficits-and-impaired-awareness-of-hypoglycemia-in-type-1-diabetes/50566/65/8/1>.
5. **Chaytor N**. (2018). Cognitive Function Deficits Associated with Long Duration Type 1 Diabetes and Vascular Complications. Expert commentary for PracticeUpdate website. Available at: [https://www.practiceupdate.com/C/69353/56?elsca1=emc\\_eneews\\_topic-alert](https://www.practiceupdate.com/C/69353/56?elsca1=emc_eneews_topic-alert)

### BOOK CHAPTERS

1. Randolph, J.J., & **Chaytor, N.S.** (2013). Promoting the executive functions: Core foundations, assessment considerations, and practical applications. In J.J. Randolph (Ed.), *Positive neuropsychology: An evidence-based perspective on promoting cognitive health*. New York, NY: Springer Science+Business Media, LLC.

### PUBLISHED BOOKS, VIDEOS, SOFTWARE, ETC

- 2013 Collaborated with Paul Ciechanowski, MD at the UW Training XChange ([www.trainingxchange.org](http://www.trainingxchange.org)) to create an epilepsy specific module for an on-line video clinician training program for the PEARLS depression intervention. The epilepsy foundation funded this project.
- 2014 Epilepsy.com Hallway Conversations Podcast Interview, PEARLS Community Based Depression Treatment for Adults with Epilepsy, ([www.epilepsy.com/hallway\\_conversations](http://www.epilepsy.com/hallway_conversations)), March 2014.

### CONFERENCE ABSTRACTS & ORAL PRESENTATIONS

1. **Chaytor, N.** & Schmitter-Edgecombe, M. (2000). The influence of strategy use on working memory performance in older adults. Presented at the Twenty-Eighth Annual Meeting of the International Neuropsychological Society, February 9-12, 2000, Denver, Colorado.
2. **Chaytor, N.**, Nissley, H. & Schmitter-Edgecombe, M. (2001). The impact of strategy use on list learning and recall in older adults. Presented at the 21<sup>st</sup> Annual Meeting of the National Academy of Neuropsychology, October 31-November 3, 2001, San Francisco, CA.
3. Schmitter-Edgecombe, M., Woo, E. & **Chaytor, N.** (2002). Self-ordered pointing performance following severe closed-head injury. Presented at Cognitive Neuroscience, April 15-18, 2002, San Francisco, CA.
4. **Chaytor, N.** & Schmitter-Edgecombe, M. (2002). Working memory and aging: A cross-sectional and longitudinal analysis. Presented at the Thirtieth Annual Meeting of the International Neuropsychological Society, February 13-16, 2002, Toronto, Ontario, Canada.

5. **Chaytor, N.**, Schmitter-Edgecombe, M. & Burr, R. (2004). Improving the ecological validity of executive functioning assessment. Presented at the 24<sup>th</sup> Annual Meeting of the National Academy of Neuropsychology, November, 2004, Seattle, WA.
6. York, M., Silay, Y., **Chaytor, N.**, Simpson, R., & Jankovic, J. (2004). Is depression a predictor of outcome after bilateral subthalamic deep brain stimulation in patients with parkinson's disease? Presented at the Movement Disorder Society, Rome, Italy.
7. **Chaytor, N.**, Drane, D. L., Stroup, E. S. & Miller, J. W. (2006). Baseline VIQ, but not PIQ, predicts pre-operative seizure lateralization. Presented at the 1<sup>st</sup> Annual North American Regional Epilepsy Congress, December, 2006, San Diego, CA.
8. Stroup, E. S., **Chaytor, N.**, Drane, D. L., & Miller, J. W. (2006). Monitoring Patterns in a Sample of Patients with Comorbid Diagnosis of Both Epileptic and Psychogenic Nonepileptic Seizures. Presented at the 1<sup>st</sup> Annual North American Regional Epilepsy Congress, December, 2006, San Diego, CA.
9. Drane, D. L., **Chaytor, N.**, Stroup, E. S. & Miller, J. W. (2006). Dominant TLE Patients Exhibit Worse Post-Surgical Naming Outcome When Neuroimaging Is Normal or Reflects Diffuse Injury Rather Than Classic Mesial Temporal Sclerosis. Presented at the 1<sup>st</sup> Annual North American Regional Epilepsy Congress, December, 2006, San Diego, CA.
10. \*Holsman, M., Romero, H., Drane, D., Stroup, E., **Chaytor, N.**, and Holmes, M. (2006). Symptom Validity Testing and Personality Assessment Inventory Performance Among Psychogenic Non-epileptic Seizure Patients. Presented at the 26<sup>th</sup> Annual Meeting of the National Academy of Neuropsychology, November, 2006, San Antonio, TX.
11. **Chaytor, N.**, Drane, D. L., Stroup, E. S., Ojemann, J. G., Koerner, E., Jung, M., & Ojemann, G. A. (2006). Evidence of improved executive functioning in patients undergoing temporal lobe resections for the control of intractable epilepsy: Exploration of the nociferous cortex hypothesis. *Journal of the International Neuropsychological Society*, 12 (S1).
12. Stroup, E., **Chaytor, N.**, Drane, D., Coady, E., & Holsman, M. (2006). PAI vs. MMPI in the classification of patients with epileptic and psychogenic nonepileptic seizures: Overall accuracy and advantages. *Journal of the International Neuropsychological Society*, 12 (S1).
13. Stroup, E. S., **Chaytor, N.**, Drane, D. L., & Miller, J. W. (2007). "Wrong-way" wada is related to dominant hemisphere epileptogenic focus in intractable temporal lobe epilepsy. Presented at the 35<sup>th</sup> Annual Meeting of the International Neuropsychological Society, February, 2007, Portland, OR.
14. \*Coady, E., Stroup, E., **Chaytor, N.**, Holmes, M., Drane, D. (2007). Personality profiles in a sample of patients with comorbid diagnosis of both epileptic and psychogenic nonepileptic seizures. Presented at the 35<sup>th</sup> Annual Meeting of the International Neuropsychological Society, February, 2007, Portland, OR.
15. \*Hantke N, **Chaytor N**, Tucker J, Coady E, Russell H, Drane D. Exploring contextual and explicit memory errors with the Wada procedure. *Epilepsia* 48:S6 (2007): 2.245
16. \*Coady, E.L., Russell, N., **Chaytor, N.**, Hantke, N., Holmes, M.D., & Drane, D.L. (2007). Effects of non-neurological medical conditions on MMPI-2 profiles in patients with epilepsy or psychogenic nonepileptic seizures. *Archives of Clinical Neuropsychology*, 22, 809.
17. \*Russell, H., Coady, E.L, **Chaytor, N.**, Hantke, N., Holmes, M.D., & Drane, D.L. (2007). The impact of seizure related items in the MMPI-2 in the profiles of patients with

## CURRICULUM VITAE

Naomi S. Chaytor, Ph.D., ABPP

- epilepsy or psychogenic nonepileptic seizures. *Archives of Clinical Neuropsychology*, 22, 808.
18. \*Hoskins, L. L., Binder, L. M., Drane, D. L., **Chaytor, N. S.**, Williamson, D. J., & Stroup, E. S. (2007). Comparison of the Oral and Computerized Versions of the Word Memory Test. Presented at the 35<sup>th</sup> Annual Meeting of the International Neuropsychological Society, February, 2007, Portland, OR.
  19. **Chaytor, N.S.**, Tucker, J.J., Drane, D.L., Miller, J.W. (2008). The impact of symptom validity test performance on the ecological validity of memory assessment. Presented at the 36<sup>th</sup> Annual Meeting of the International Neuropsychological Society, February, 2008, Waikoloa, HI.
  20. \*Coady, E.L., Drane, D.L., Stroup, E.S., **Chaytor, N.**, Uomoto, J.M., & Holmes, M.D. (2008). Psychological Distress in Patients with Comorbid Epilepsy and Psychogenic Nonepileptic Seizures. Presented at the 36<sup>th</sup> Annual Meeting of the International Neuropsychological Society, February 2008, Waikoloa, HI.
  21. **Chaytor, N. S.**, Thompson, A. W., Miller, J. W., Ciechanowski, P. Self-reported Cognitive Complaints in Non-Depressed Patients with Epilepsy. 3rd Annual North American Regional Epilepsy Congress, December 2008, Seattle, WA
  22. \*Thompson, A. W., Miller, J. W., Katon, W., **Chaytor, N. S.**, Ciechanowski, P. Sociodemographic and Clinical Factors Associated with Depression in Epilepsy. 3rd Annual North American Regional Epilepsy Congress, December 2008, Seattle, WA
  23. Ciechanowski P, Miller, J, **Chaytor, N**, Thompson, A, Russo, J. PEARL: A Community-Based, In-Home Treatment for Depression in Relatively Home-Bound Individuals with Epilepsy. 3rd Annual North American Regional Epilepsy Congress, Dec 2008, Seattle, WA
  24. Phatak, V., Hantke, N., **Chaytor, N.**, Drane, D., Miller, J. W., Ojemann, J. Common and Proper Noun Category Fluency Paradigms to Assess Semantic System Disruptions in Temporal Lobe Epilepsy. 3rd Annual North American Regional Epilepsy Congress, December 2008, Seattle, WA
  25. \*Hantke, N., Thompson, A., Phatak, V., **Chaytor, N.** The Personality Assessment Inventory as a Tool for Diagnosing Psychogenic Non-epileptic Seizures. 37th Annual International Neuropsychological Society Meeting, February 2009, Atlanta, GA
  26. Ciechanowski, P., **Chaytor, N.**, Miller, J.W., Fraser, R., Russo, J., Unutzer, J., & Gilliam, F. PEARLS depression treatment for individuals with epilepsy: A randomized controlled trial. Presented at the Elsevier Depression and Epilepsy Conference, September 2010, Chicago, IL.
  27. Johnson, E., Fraser, R., Miller, J.W., Temkin, N., Barber, J., Caylor, L., Ciechanowski, P. & **Chaytor, N.** A Consumer Generated Self-Management Intervention Model. 64th Annual Meeting of the American Epilepsy Society, December 2010, San Antonio, TX
  28. Phatak, V. Rekow, N. **Chaytor** and J. Miller Psychosocial Functioning in Early- and Late-Onset Intractable Complex Partial Seizures. 64th Annual Meeting of the American Epilepsy Society, December 2010, San Antonio, TX
  29. **Chaytor, NS**, Phatak, V. Nakatsu, D., & Avellino, AM. Cognitive improvement after lumbar drain trial in Normal Pressure Hydrocephalus depends on baseline level of impairment. Poster presented at AACN's 10th Annual Conference & Workshops, June 20-23 2012, Seattle, WA.
  30. Fraser, RT, Johnson, EK, Lashley, S, Barber, J, **Chaytor, N**, Miller, J, Ciechanowski, P, Temkin, N, Caylor, L. PACES in Epilepsy: Results of a Randomized Controlled Trial. Platform session at American Epilepsy Society, December 2014, Seattle, WA.

31. Parsons EC, **Chaytor NS**, Kapur VK, Caldwell E, Johnston C, Bell K, Vitiello MV, Hough CL. Sleep Apnea Severity and Cognitive Function After Acute Respiratory Failure. *AJRCCM* 2015: A4506
32. DuBose, S, Weinstock, R, Hirsch, I, Bergenstal, R, **Chaytor, N**, Peterson, C, Olson, B, Munshi, M, Perrin, A, Miller, K, and Beck, R for the T1D Exchange Severe Hypoglycemia in Older Adults with Type 1 Diabetes Study Group. Factors associated with severe hypoglycemia in older adults with type 1 diabetes. Oral presentation at the 8<sup>th</sup> International Conference on Advanced Technologies and Treatments for Diabetes, February 2015, Paris, France.
33. Munshi, M, Riddlesworth, TD, **Chaytor, N**, Pratley, RE. Cognitive Dysfunction and Hypoglycemia in Older Adults with Type 1 Diabetes: Results from the T1D Exchange, American Diabetes Association, 2015.
34. Tuttle, K, Alicic, R, Short, R, Neumiller, J, Gates, B, Daratha, K, Barbosa-Leiker, C, McPherson, S, **Chaytor, N**, Corbett, C. Effect of a Medication Management Intervention on Acute Care Utilization after Hospitalization in CKD. American Society of Nephrology, November 2015, San Diego, CA.
35. **Chaytor, N**, Riddlesworth, T, Bzdick, S, Odegard, P, Gray, S, Lock, J, DuBose, S, Beck, R for the T1D Exchange Severe Hypoglycemia in Older Adults with Type 1 Diabetes Study Group. The Relationship between Neuropsychological Performance, Diabetes Numeracy, and Instrumental Activities of Daily Living in Older Adults with Type 1 Diabetes. Poster presentation at the 44th Annual Meeting of the International Neuropsychological Society (INS), February 3-6, 2016, Boston, MA.
36. \*Hezarjaribi, N, Reynolds, C, Miller, D, **Chaytor, N** & Ghasemzadeh, H. S2NI: A Mobile Platform for Nutrition Monitoring from Spoken Data, the 38th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC'16), August 17-20, 2016, Orlando, FL.
37. **Chaytor, NS**, Barbosa-Leiker, C, Germine, L, Hirsch, IB, & Weinstock, RS. Clinically Significant Cognitive Impairment in Older Adults with Type 1 Diabetes. Poster presentation at the American Diabetes Association's 77<sup>th</sup> Scientific Sessions, June 9-13, 2017 in San Diego, CA.
38. Friedman D, Spruill T, Liu H, Tatsuoka C, Stoll S, Jobst B, Fraser R, Johnson E, **Chaytor N**, Sajatovic M. Depressive symptoms and suicidality among individuals with epilepsy enrolled in self-management studies: Results from the US Centers for Disease Control and Prevention Managing Epilepsy Well (MEW) Network. American Epilepsy Society; 2017; Washington, DC.
39. Trief P, Foster N, **Chaytor N**, Hilliard M, Kittelsrud J, Jaser S, Majidi S, Corathers S, Bzdick S, Adkins D, Weinstock R. Longitudinal Changes in Depression and Glycemia in Adults with Type 1 Diabetes. American Diabetes Association; 2018; Orlando, Florida.
40. Carlson, A, Kanapka, L, Miller, K, Ahmann, AJ, **Chaytor, N**, Fox, S, Kiblinger, L, Kruger, DF, Levy, CJ, Peters, A, Rickels, MR, Salam, M, Shah, V, Young, LA, Pratley, R. Exposure to Hypoglycemia in Older Adults with Type 1 Diabetes: Baseline Characteristics Using Continuous Glucose Monitoring Data. Endocrine Society; 2019; New Orleans, LA
41. Khalid, Z....**Chaytor, N**. Depressive symptoms across the age span: Findings from an integrated epilepsy self-management clinical studies dataset. American Association for Geriatric Psychiatry Annual Meeting in Atlanta, Georgia, March 1-4, 2019