CURRICULUM VITAE
Naomi S. Chaytor, Ph.D., ABPP

EDUCATION

08/2001 - 08/2004	PhD, Clinical Psychology, Washington State University (Pullman, WA)
08/1998 - 05/2001	MS, Clinical Psychology, Washington State University (Pullman, WA)
09/1994 - 06/1998	BSc, Psychology (honors), University of Victoria (Victoria, BC)

POSTGRADUATE TRAINING

07/2004 - 07/2005	Post-doctoral Fellowship in Neuropsychology and Rehabilitation, Department of Rehabilitation Medicine, University of Washington School of Medicine (Seattle, WA)
07/2003 - 07/2004	Pre-doctoral Psychology/Neuropsychology Internship, Baylor College of Medicine (Houston, TX)

FACULTY POSITIONS

04/2023 – present	Chair, Department of Community and Behavioral Health, Washington State University, Elson S. Floyd College of Medicine (Spokane, WA)
07/2022 – present	Professor (with Tenure), Department of Community and Behavioral Health, Washington State University, Elson S. Floyd College of Medicine (Spokane, WA)
08/2015 – present	Affiliate Faculty, Psychology Department, Washington State University
08/2015 – 06/2022	Associate Professor (with Tenure), Department of Community and Behavioral Health, Washington State University, Elson S. Floyd College of Medicine (Spokane, WA)
07/2015 – 08/2015	Associate Professor, University of Washington School of Medicine, Department of Rehabilitation Medicine (Seattle, WA)
09/2013 – 06/2015	Assistant Professor, University of Washington School of Medicine, Department of Rehabilitation Medicine (Seattle, WA)
07/2010 - 08/2013	Assistant Professor, University of Washington School of Medicine, Department of Neurology (Seattle, WA)
11/2006 - 06/2010	Acting Assistant Professor, University of Washington School of Medicine, Department of Neurology (Seattle, WA)
07/2005 - 11/2006	Acting Instructor, University of Washington School of Medicine, Department of Neurology (Seattle, WA)

HOSPITAL APPOINTMENTS

09/2013-07/2015	Neuropsychologist/Rehabilitation Psychologist, UW Medical Center (Seattle, WA)
10/2007-08/2013	Director, Neuropsychology Laboratory, UW Regional Epilepsy Center (Seattle, WA)
10/2005-08/2013	Neuropsychologist, Harborview Medical Center (HMC) (Seattle, WA)

HONORS

2023	Outstanding Contribution to Equity, Faculty & Staff Award, WSU Elson S. Floyd College of Medicine, Spokane, WA
2022	Session Chair, "Cognition Across the Lifespan", American Diabetes Association 82nd Annual Scientific Sessions, New Orleans, LA

2021-22	Guest Editor, *PLOS One*, Call for Papers on "Remote Assessment"
2021-22	Provost's Leadership Academy
2021	Chancellor's Excellence in Research and Scholarship Award, Faculty Excellence Awards, WSU Health Sciences Campus, Spokane, WA
2019- present	Oral Examiner, American Board of Clinical Neuropsychology
2019	Inaugural Fellow, Steve Gleason Institute for Neuroscience, WSU Health Sciences, Spokane
2016	Guest Editor for a special issue of *Diabetes Spectrum* (vol. 29, issue 4) on cognition and diabetes across the lifespan.
2002	Second Place, Wiley Graduate Research Exposition, WSU
2002	Rennick Predoctoral Research Award for the best graduate student research submission. International Neuropsychological Society.
2000	Travel Grant, Washington State University
2000	Member of Phi Kappa Phi National Honor Society
1998	Nominated to apply for the Rhodes Scholar program, University of Victoria
1998	B.Sc. awarded *with distinction*, University of Victoria

BOARD CERTIFICATION

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

PSYCHOLOGIST LICENSURE

2005- present	Washington State, License #PY 3312

PROFESSIONAL ORGANIZATIONS

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

RESEARCH FUNDING

Ongoing:

9/15/23-8/31/28 **NIH/NIAAA, R01AA031013-01 (PIs: Hill-Kapturczak, McDonell, Murphy)**

Assessing the Clinical and Cost-Effectiveness of a Virtual PEth-based Contingency Management for Adults with AUD

The objective of this study is to determine the clinical and cost-effectiveness of a virtual phosphatidylethanol contingency management intervention by comparing contingency management and online cognitive behavioral therapy to online cognitive therapy alone.

Role: Co-I

09/1/22-8/31/24 **NIH/NIA, 9R44AG078121-02 (PIs: Holder, Cook)**

Automated Health Assessment Through Mobile Sensing and Machine Learning of Daily activities.
The long-term goal is to commercialize a smartwatch app, called AcTelligence, to assess cognitive and physical health and to promote healthy brain behavior. The objective of this application is to refine and commercialize a smartwatch app that offers capabilities to detect activities of daily living from smartwatch sensors, extract digital behavior markers from activity-labeled sensor data, predict clinical health measures from behavior markers, and provide user feedback in the form of health status and healthy-behavior prompts.
Role: Consultant

12/1/21-11/30/25 **Alzheimer's Association, AARFD-21-851373 (PI: Fonseca)**
AD biomarkers, vascular risk factors and cognitive variability in aging T1D
The primary objective of the proposed study is to characterize the relationships between AD plasma biomarkers, vascular risk factors, and cognitive variability in individuals with type 1 diabetes (T1D). Our overall hypothesis is that in aging adults with T1D, vascular risk factors are related to cognitive variability through an association with AD-related biomarkers. We will test our hypothesis by exploiting an ongoing study of 200 adults with T1D, Glycemic Variability and Fluctuations in Cognitive Status in Adults with Type 1 Diabetes (R01DK121240-01; parent study), which includes repeated, brief cognitive assessments via a web-based ecological momentary assessment, objective ascertainment of vascular risk factors, and blood sample collection for the analysis of plasma ß-amyloid 42/40, ptau181, and NfL levels.
Role: Mentor

4/1/21-3/31/26 **NIH/NCI, R01 CA252185 (PI: McPherson)** ($3,345,705)
An Addictions Neuroclinical Assessment Based Treatment for Smokers with an Alcohol Use Disorder
Our aim is to investigate the combined implementation of two highly promising treatments for comorbid alcohol and nicotine addiction – contingency management and varenicline–as a high-intensity intervention to treat drinking and smoking simultaneously.
Role: Co-Investigator

9/15/20-7/31/25 **NIH/NIAAA, R01 AA028796 (PI: McPherson)** ($3,159,687)
Zonisamide for the Treatment of Alcohol Use Disorder in the Addiction Neuroclinical Assessment Framework
Our aim is to investigate zonisamide as a novel therapy for the treatment of alcohol use disorder using objectively verified urinary abstinence with EtG cups among patients with an alcohol use disorder who will also receive standard, bibliotherapy treatment.
Role: Co-Investigator

4/01/20-3/31/23 **NIH/NIDDK, 3R01 DK 121240-02S1 (PI: Chaytor/Germine) (**$326,537)

Administrative Supplement to Glycemic Variability and Fluctuations in Cognitive Status in Adults with Type 1 Diabetes
The aims of this project are to 1) establish a plasma bank for the parent R01 project 2) determine if glycemic factors moderate the association between plasma ATN biomarkers and intra-individual cognitive variability.
Role: Principal Investigator

1/01/20-12/31/23 **NSF/CNS, 1932346 (PI: Ghasemzadeh/Chaytor)** ($493,706)
CPS: Small: Human-in-the-Loop Learning of Complex Events in Uncontrolled Environments
This project aims to advance knowledge of machine learning for human-in-the-loop cyber-physical systems. It develops mixed-initiative solutions that will enable learning of human behaviors in uncontrolled environments through novel active learning, human behavior modeling, and validation strategies.
Role: Co-Principal Investigator

7/25/19-4/30/24 **NIH/NIDDK, 1R01 DK 122603-01 (PI: Chaytor/Kuvda/Miller/Pratley/Rickels)** ($2,521,934)
A Randomized Cross-over Trial Evaluating Automated Insulin Delivery Technologies on Hypoglycemia and Quality of Life in Older Adults with Type 1 Diabetes
The major goal of this project is to determine if automated insulin delivery reduces hypoglycemia and improves quality of life in older adults with type 1 diabetes. Cognitive moderators and mediators of treatment outcome will also be tested.
Role: Principal Investigator

4/19-3/24 (NCE) **NIH/NIDDK, 1R01 DK 121240-01 (PI: Chaytor/Germine) (**$2,762,979)
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

Completed:
9/26/16-7/31/22 **NIH/NINR, R01NR016459-01 (PIs: Carson/Douglas/Hough)** ($2,995,140)
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

9/21/17-8/31/22 **NIH/NIAA, 2R01 AA 020248 (PI: McDonell)** ($2,686,481)
Novel Etg 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

7/1/17-6/30/20 **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

6/1/17-2/28/18 **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: 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

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

9/1/12-7/31/14 **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

4/1/12-8/31/13 **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

10/1/08-9/30/13 **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

4/1/09-3/31/13 **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

10/1/06-9/30/09 **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

PEER REVIEWED JOURNAL ARTICLES (*denotes student/fellow author; #denotes co-senior author)

Google Scholar data (as of 10/1/2023):
Total Citations = 3649
h-index = 24
i10 index = 35

1. **Chaytor, N**, *Trapani, V, Braffett, B, *Mascarenhas Fonseca, L, Lorenzi, G, Gubitosi-Klug, R, Hitt, S, Farrell, K, Jacobson, A, & Ryan, C. (In Press). Utility of the NIH Toolbox Cognition Battery in Middle to Older Aged Adults with Longstanding Type 1 Diabetes: The DCCT/EDIC Study. *The Clinical Neuropsychologist.*
2. Lu, T., Parent, S., **Chaytor, N**., Amiri, S., Palmer, K., McPherson, S., *Jett, J., Ries, R., McDonell, M., Murphy, S. (In Press) A Budget Impact Tool of Contingency Management for Alcohol Use Disorders Among Persons with Serious Mental Illness. *Psychiatric Services*.
3. *Choe, J., *Kudrna, R., *Mascarenhas Fonseca, L., & **Chaytor, N**. (2023). Usefulness of the Montreal Cognitive Assessment (MoCA) in Older Adults with Type 1 Diabetes. *Diabetes Spectrum*. (online ahead of print)
4. *Singh S, Strong R, Xu I, *Fonseca L, *Hawks Z, Grinspoon E, Jung L, Li F, Weinstock R, Sliwinski M, **#Chaytor NS** & #Germine L Reliability and Validity of Ecological Momentary Assessment of Cognition in Type 1 Diabetes and Community Samples. J Med Internet Res (In Press). http://dx.doi.org/10.2196/45028
5. *Hawks, Z., Beck, E. D., Jung, L., *Fonseca, L. M., Sliwinski, M., Weinstock, R. S., Grinspoon, E., Xu, I., Strong, R.W., *Singh, S., Van Dongen, H.P.A, Frumkin, M.R., Bulger, J., Cleveland, M., Janess, K., Kudva, Y., Pratley, R., Rickels, M., Rizvi, S.R., #**Chaytor, N.S.** & #Germine, L. (2023, March 13). Dynamic associations between glucose and ecological momentary cognition in Type 1 Diabetes. https://doi.org/10.31234/osf.io/h7q96
6. *Fonseca LM, **Chaytor NS**, Olufadi Y, Buchwald D, Galvin J, Schmitter-Edgecombe M, Suchy-Dicey A. Intraindividual Cognitive Variability and Magnetic Resonance Imaging in Aging American Indians: Data from the Strong Heart Study. J Alzheimer Dis (in press)
7. *Fonseca LM, *Strong RW, *Singh S, Bulger JD, Cleveland M, Grinspoon E, Janes K, Jung L, Miller K, Passell E, Ressler K, Sliwinski M, Verdejo A, Weinstock RS, Germine L#, **Chaytor NS#**. (2023). Glycemic Variability and Fluctuations in Cognitive Status in Adults with Type 1 Diabetes (GluCog): An Observational Study using Ecological Momentary Assessment of Cognition. *JIMR Diabetes*, 8, DOI: 10.2196/39750 PMID: 36602848
8. *Mascarenhas Fonseca, L., Sheppard, D. P., & **Chaytor, N. S.** (2022). MoCA Intraindividual Cognitive Variability in Older Adults With Type 1 Diabetes. *Alzheimer disease and associated disorders*, 10.1097/WAD.0000000000000534. Advance online publication. https://doi.org/10.1097/WAD.0000000000000534
9. *Jett JD, Kordas G., Parent S, Keshtkar M, Shin R, King P, McPherson SM, Ries R, Roll JM, McDonell MG, **Chaytor N.** (2022). Assessing clinically significant cognitive impairment using the NIH Toolbox in individuals with co-occurring serious mental illness and alcohol use disorder. *J Addict Med*. PMID: 36346896. PMCID: Pending. DOI: 10.1097/ADM.0000000000001105
10. Yang PL, Chaytor NS, Burr RL, Kapur VK, McCurry SM, Vitiello MV, Hough CL, Parsons EC. (2022). Rest-Activity Rhythm Fragmentation and Weaker Circadian Strength Are Associated With Cognitive Impairment in Survivors of Acute Respiratory Failure. *Biol Res Nurs*.:10998004221109925. doi: 10.1177/10998004221109925. [Epub ahead of print] PubMed PMID: 35759356.

11. *Sheppard DP, Rau HK, Werhane ML, *Fonseca LM, **Chaytor NS**, Peskind ER, Pagulayan KF (2022). Associations between Intra-Individual Neurocognitive Variability and Prospective Memory in Veterans with Mild Traumatic Brain Injury History and Posttraumatic Stress Disorder. *Arch Clin Neuropsychol.,* 37(6):1221-1227. doi: 10.1093/arclin/acac014. PubMed PMID: 35470369.
12. Miller, K. M., Kanapka, L. G., Rickels, M., Ahmann, A., Aleppo, G., Ang, L. P., Bhargava, A., Bode, B. W., Carlson, A. L., **Chaytor, N**., Gannon, G., Goland, R., Hirsh, I., Kiblinger, L., Kruger, D., Kudva, Y. C., Levy, C., McGill, J., O'Malley, G., Peters, A., … Pratley, R. (2022). Benefit of Continuous Glucose Monitoring (CGM) in Reducing Hypoglycemia is Sustained Through 12 Months of Use Among Older Adults with Type 1 Diabetes. *Diabetes technology & therapeutics*, 10.1089/dia.2021.0503. Advance online publication. https://doi.org/10.1089/dia.2021.0503
13. *Ashari, Z. E., **Chaytor, N. S**., Cook, D. J., & Ghasemzadeh, H. (2022). Memory-Aware Active Learning in Mobile Sensing Systems. *IEEE transactions on mobile computing*, *21*(1), 1. https://doi.org/10.1109/tmc.2020.3003936
14. *Singh, S., *Strong, R. W., Jung, L., Li, F. H., Grinspoon, L., Scheuer, L. S., Passell, E. J., Martini, P., **Chaytor, N**., Soble, J. R., & Germine, L. (2021). The TestMyBrain Digital Neuropsychology Toolkit: Development and Psychometric Characteristics. *Journal of clinical and experimental neuropsychology*, 1–10. Advance online publication. https://doi.org/10.1080/13803395.2021.2002269
15. Jacobson, AM, Ryan, CM, Braffett, BH, Gubitosi-Klug, RA, Lorenzi, GM, Luchsinger, JA, Trapani, VR, Bebu, I, **Chaytor, NS**, Hitt, SM, Farrell, K, Lachin, JM, and the DCCT/EDIC Research Group (2021). Cognitive Performance Declines in Older Adults with Type 1 Diabetes: Results from 32 Years of Follow-up in the DCCT/EDIC Study. Lancet Diabetes & Endocrinology. Jul;9(7):436-445. doi: 10.1016/S2213-8587(21)00086-3. PMID: 34051936.
16. *Fonseca, LM, Mattar, GP, Haddad, GG, Burduli, E, McPherson, SM, Ferreira Guilhoto, LMF, Filho, GB, Yassuda, MS, Bottino, CMC, Hoexter, MQ, **Chaytor, NS** (2021). Neuropsychiatric symptoms of Alzheimer's disease in Down syndrome and its impact on caregiver distress. Journal of Alzheimer's Disease, vol 81(1); 137-154. DOI: 10.3233/JAD-201009
17. **Chaytor NS**, Barbosa-Leiker C, Germine LT, *Fonseca LM, McPherson SM, Tuttle KR (2021). Construct validity, ecological validity and acceptance of self-administered online neuropsychological assessment in adults. Clin Neuropsychol., 35(1), 148-164. doi:10.1080/13854046.2020.1811893, PMID: 32883156
18. Carlson, A. L., Kanapka, L. G., Miller, K. M., Ahmann, A. J., **Chaytor, N. S**., Fox, S., Kiblinger, L., Kruger, D., Levy, C. J., Peters, A. L., Rickels, M. R., Salam, M., Shah, V. N., Young, L. A., Kudva, Y. C., Pratley, R., & WISDM Study Group (2021). Hypoglycemia and Glycemic Control in Older Adults With Type 1 Diabetes: Baseline Results From the WISDM Study. *Journal of diabetes science and technology*, *15*(3), 582–592. https://doi.org/10.1177/1932296819894974
19. Pratley RE, Kanapka LG, Rickels MR, Ahmann A, Aleppo G, Beck R, Bhargava A, Bode BW, Carlson A, **Chaytor NS**, Fox DS, Goland R, Hirsch IB, Kruger D, Kudva YC, Levy C, McGill JB, Peters A, Philipson L, Philis-Tsimikas A, Pop-Busui R, Shah VN, Thompson M, Vendrame F, Verdejo A, Weinstock RS, Young L, Miller KM. (2020). Effect of Continuous Glucose Monitoring on Hypoglycemia in Older Adults With Type 1 Diabetes: A Randomized Clinical Trial. JAMA. Jun 16;323(23):2397-2406. PubMed PMID: 32543682; PubMed Central PMCID: PMC7298607.

20. Khalid Z, Momotaz H, Briggs F, Cassidy KA, **Chaytor NS**, Fraser RT, Janevic MR, Jobst B, Johnson EK, Scal P, Spruill TM, Wilson BK, Sajatovic M (2019). Depressive Symptoms in Older versus Younger People with Epilepsy: Findings from an Integrated Epilepsy Self-Management Clinical Research Dataset. J Multidiscip Healthc.12:981-988. PubMed PMID: 31839708; PubMed Central PMCID: PMC6904884.
21. Bethin, K, Kanapka, L, Laffel, L, Majidi, S, **Chaytor, N**, MacLeish, S, Adams, R, Foster, N for the T1D Exchange Clinic Network (2019). Autism Spectrum Disorder in Children with Type 1 Diabetes. Diabetic Medicine, 36(10), 1282-1286. PMID: 31271682
22. *Hezarjaribi, N, Mazrouee, S, Hemati, S, **Chaytor, N**, Perrigue, M, Gasemzadeh, H (2019), Human-in-the-Loop Learning for Personalized Diet Monitoring from Unstructured Mobile Data, ACM Transactions on Interactive Intelligent Systems (TiiS), 9(4), 1-24.
23. Trief P, Foster NC, **Chaytor N**, Hilliard ME, Kittelsrud JM, Jaser SS, Majidi S, Corathers SD, Bzdick S, Adkins DW, Weinstock RS (2019). Longitudinal changes in depression and glycemia in adults with type 1 diabetes. Diabetes Care, 42(7), 1194-1201. PMID: 31221694
24. 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
25. **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
26. 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
27. *Oluwoye O, Skalisky J, Burduli E, **Chaytor NS**, McPherson S, Murphy S, Herron J, *Hirchak K, Burley M, Ries RK, Roll JM, McDonell 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
28. 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.
29. **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
30. *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
31. **Chaytor, N** (2016). Cognition in adults and older adults with type 1 diabetes: chicken or egg? Diabetes Spectrum, 29(4), 219-224. PMID: 27899873
32. 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

33. 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
34. 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.
35. *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
36. 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.
37. 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.
38. 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.
39. **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.
40. 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.
41. *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
42. 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.
43. *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.
44. *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.
45. *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.
46. **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.

47. **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.
48. 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.
49. **Chaytor, N.,** Schmitter-Edgecombe, M. & Burr, R. (2006). Improving the ecological validity of executive functioning assessment. Archives of Clinical Neuropsychology, 21, 217-227.
50. **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.
51. Schmitter-Edgecombe, M., & **Chaytor, N.** (2003). Self-ordered pointing performance following severe closed-head injury. Journal of Clinical and Experimental Neuropsychology, 25, 918-932.
52. **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.

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

53. Germine, L., Han, DS., & **Chaytor, NS**. (In Press). New Methods Permit a Science of Everyday Functioning in Type 1 Diabetes. Commentary for *Diabetes Care.*
54. **Chaytor, NS**. (2020). Do People with Type 1 Diabetes have Cognitive Issues? Diabetes Communicator, Diabetes Canada.
55. **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_enews_topic-alert
56. **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.
57. **Chaytor, NS** (2016). Diabetes and cognition across the lifespan: Preface. Diabetes Spectrum, 29(4), 194-95. PMID: 27899868
58. **Chaytor, NS**. (2014). Neuropsychology is much more than just testing. The Clinical Neuropsychologist, 28(7), 1209-1210. Invited Book Review.
59. **Chaytor, NS** & Phatak, V. (2010). Are patients with epilepsy at greater risk for developing dementia in old age? UW Regional Epilepsy Center newsletter.

BOOK CHAPTERS

60. Randolph, J.J., **Chaytor, N.S.** (2022). Promoting the Executive Functions: Core Foundations, Assessment Considerations, and Practical Applications. In: Randolph, J.J. (eds) *Positive Neuropsychology*, 2nd Edition. Springer, Cham. https://doi.org/10.1007/978-3-031-11389-5_7
61. **Chaytor, N.S.** & *Fonseca, L. (2022). Ambulatory Assessment. In T. D. Marcotte, M. Schmitter-Edgecombe & I. Grant (Ed.). *Neuropsychology of Everyday Functioning* (2nd Edition). New York: The Guilford Press.
62. 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

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

CONFERENCE ABSTRACTS & ORAL PRESENTATIONS (peer reviewed)

1. *Wang, O, *Zuniga-Kennedy, M, *Fonseca, L, Cleveland, M, *Hawks, Z, Jung, L, Bulger, J, Grinspoon, E, *Singh, S, Sliwinski, M, Verdejo, A, Weinstock, R, Germine, L & **Chaytor, N**. Associations Between Glycemia and Cognitive Performance in Adults with Type 1 Diabetes (T1D) using Continuous Glucose Monitoring (CGM) and Ecological Momentary Assessment (EMA). Oral Paper Session at the International Neuropsychological Society 2023 Annual Meeting in San Diego, California on February 1-4, 2023
2. *Kudrna, R, *Choe, J, *Fonseca, L, & **Chaytor, NS**. Sensitivity and Specificity of the Montreal Cognitive Assessment for Detecting Clinically Significant Cognitive Impairment in Older Adults with Type 1 Diabetes. Oral presentation at the 2022 Western Medical Research Conference, January 20-22, 2022, Carmel, California.
3. Keshtkar, M, Shin, SY, Kordas, G, King, P, Beck, R, *Jett, J, Parent, S, Ries, R, McPherson, S, **Chaytor, N**, Roll, J, McDonell, M. (2022). Impact of COVID-19 on Individuals with Co-Occurring Alcohol Use Disorder and Serious Mental Illness: A Pilot Study. American Journal on Addictions, 31 (4), 353.
4. *Singh, S, **Chaytor, NS**, Dean, P, Duggan, E, Stricker, N, & Shen, J. Effectively Implementing Technology in Clinical Research and Practice, Symposium at the American Psychological Association 2021.
5. *Fonseca, L.M., Mattar, G.P., Haddad, G.G., Burduli, E., McPherson, S.M., de Figueiredo Ferreira Guilhoto, L.M., Filho, G.B., Yassuda, M.S., Bottino, C.M., Hoexter, M.Q. and **Chaytor, N.S.** (2020), Prevalence of neuropsychiatric symptoms related to dementia in individuals with Down syndrome. Alzheimer's Dement., 16: e047603. https://doi.org/10.1002/alz.047603
6. Jacobson, AM, Ryan, C, Braffett, BH, Gubitosi-Klug, R, Lorenzi, GM, Luchsinger, JA, *Trapani, V, Bebu, I, **Chaytor**, N, Hitt, S, Coughlin, K, Lachin, JM and The DCCT EDIC Research Group. Biomedical Predictors of Cognitive Decline in Older Participants with T1DM: Longitudinal Follow-up of the DCCT/EDIC Cohort. Oral Poster presented at the American Diabetes Association 80th Scientific Sessions, June, 2020, Chicago, IL (Virtual).
7. *Hezarjaribi, N, **Chaytor**, N, Perrigue, M and Ghasemzadeh, H. Data-Driven Personalized Diet Planning. Paper presented at the 34th AAAI Conference on Artificial Intelligence in New York, NY, February 2020.
8. **Chaytor**, NS, *Alcover, K, Kelly, M, Muse, I, Oluwoye, O & McDonell, M. Correlates of Clinically Significant Cognitive Impairment in Adults with Serious Mental Illness and Alcohol

Use Disorder. Poster presented at the VI International Congress on Dual Disorders in Madrid, Spain, June 2019.

9. **Chaytor**, NS, Barbosa-Leiker, C, Germine, LT, McPherson, S, Tuttle, K. Validation of Self-administered Online Neurocognitive Assessment in Adults with Diabetes and CKD. Oral Poster presented at the American Diabetes Association's 79th Scientific Sessions, June 8-11, 2019, San Francisco, CA.
10. Khalid, Z, Momotaz, H, Cassidy, K, **Chaytor**, N, Fraser, R, Janevic, M, Jobst, B, Johnson, E, Scal, P, Spruill, T, Sajatovic, M. 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
11. 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
12. 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.
13. 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.
14. **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 77th Scientific Sessions, June 9-13, 2017 in San Diego, CA.
15. *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.
16. **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.
17. 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.
18. 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.
19. 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 8th International Conference on Advanced Technologies and Treatments for Diabetes, February 2015, Paris, France.

20. *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
21. 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.
22. **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.
23. 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
24. 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
25. 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.
26. *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
27. 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
28. 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
29. *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
30. **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
31. *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 36th Annual Meeting of the International Neuropsychological Society, February 2008, Waikoloa, HI.
32. **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 36th Annual Meeting of the International Neuropsychological Society, February, 2008, Waikoloa, HI.
33. *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 35th Annual Meeting of the International Neuropsychological Society, February, 2007, Portland, OR.

34. *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 epilepsy or psychogenic nonepileptic seizures. Archives of Clinical Neuropsychology, 22, 808.
35. *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.
36. *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
37. *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 35th Annual Meeting of the International Neuropsychological Society, February, 2007, Portland, OR.
38. 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 35th Annual Meeting of the International Neuropsychological Society, February, 2007, Portland, OR.
39. 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).
40. **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).
41. *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 26th Annual Meeting of the National Academy of Neuropsychology, November, 2006, San Antonio, TX.
42. 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 1st Annual North American Regional Epilepsy Congress, December, 2006, San Diego, CA.
43. 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 1st Annual North American Regional Epilepsy Congress, December, 2006, San Diego, CA.
44. **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 1st Annual North American Regional Epilepsy Congress, December, 2006, San Diego, CA.
45. 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.

46. **Chaytor**, N., Schmitter-Edgecombe, M. & Burr, R. (2004). Improving the ecological validity of executive functioning assessment. Presented at the 24th Annual Meeting of the National Academy of Neuropsychology, November, 2004, Seattle, WA.
47. **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.
48. 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.
49. **Chaytor**, N., Nissley, H. & Schmitter-Edgecombe, M. (2001). The impact of strategy use on list learning and recall in older adults. Presented at the 21st Annual Meeting of the National Academy of Neuropsychology, October 31-November 3, 2001, San Francisco, CA.
50. **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.

TEACHING RESPONSIBILITIES

Formal Courses:

2021-present	MEDSCHLR 500/520/540, Small Group Facilitator, Elson S. Floyd College of Medicine, Washington State University, Spokane, WA
2018- present	MED FMS 512. Component contributor for nervous system and behavioral medicine component (Dementia case author, LGAL session leader, Master Clinician session), Elson S. Floyd College of Medicine, Washington State University, Spokane, WA
2021-present	MS3 Academic Half Day, Cognitive Screening Workshop
2017- 2021	MED EBM 502/503. Journal Club Facilitator and Guide Author. Elson S. Floyd College of Medicine, Washington State University, Spokane, WA
2017- 2021	MED EBM 501. Introduction to Scholarship Series. Quantitative Methods and Screening/Diagnostic Tests. Elson S. Floyd College of Medicine, Washington State University, Spokane, WA
2019	Case Based Learning (CBL), small group facilitator
2018	Journal Club Co-Thread Director (Evidence Based Medicine Thread: EBM 503). Elson S. Floyd College of Medicine, Washington State University, Spokane, WA
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
2005	Neuro/Rehabilitation Psychology. Coordinated a seminar series for rehabilitation medicine residents, UW, Seattle
2000-2001	Helping Skills, Psychology 444. Instructor, Washington State University, Pullman, WA
2000-2001	Physiological Psychology, Psychology 372. Instructor, Washington State University, Pullman, WA
2000-2001	Intelligence Assessment, Psychology 533. Supervised and critiqued 1st year graduate students' videotaped practice administrations of the WAIS-III and WISC-III, Washington State University, Pullman, WA
1999-2002	Introduction to Psychology, Psychology 105. Instructor, Washington State University, Pullman, WA

1999 Social Psychology, Psychology 372. Teaching Assistant, Washington State University, Pullman, WA
1999 Honors Introductory Psychology, Psychology 105. Teaching Assistant, Washington State University, Pullman, WA

Invited lectures/CME Courses/Peer Teaching:

National/International:

10/2022 Invited Speaker, Oregon Health Sciences University, School of Medicine, Neurology Grand Rounds, "Short and long term impacts of dysglycemia on cognitive performance in adults and older adults with type 1 diabetes"
7/2022 Invited Speaker and Symposium Chair, American Diabetes Association 82nd Annual Scientific Sessions, June 3-7, 2022, New Orleans, LA "Risk Factors for cognitive decline in adults and older adults with T1D"
1/2021 Invited CE Speaker, National Academy of Neuropsychology ConferenCE Collection, on demand webinar, "Digital Neuropsychology in Research and Clinical Practice" https://www.nanonline.org/NAN/_ContinuingEducation/_DistanCE/ConferenCE_Collection_Technologies.aspx
10/2019 Invited CE Speaker, Diabetes Canada, "Type 1 Diabetes and Cognition", Winnipeg, MB, Canada
10/2018 Invited CE Speaker, National Academy of Neuropsychology Annual Conference, "Ecological Validity and Naturalistic Assessment: Research Update and Clinical Implications", New Orleans, LA
07/2016 Invited Speaker, Stanford Medicine Geropsychiatry and Neuroscience Grand Rounds, "Neuropsychological Functioning in Older Adults with Type 1 Diabetes", Palo Alto, CA
12/2012 Invited Speaker, American Epilepsy Society, Military Epileptologist Special Interest Group, "Managing Epilepsy Well: PEARLS, UPLIFT and WebEase", San Diego, CA
05/2012 Managing Epilepsy Well (MEW) Webinar for the Epilepsy Foundation Affiliates "Improving mental health outcomes for people with epilepsy: the PEARLS program."
06/2011 Invited speaker for the Institute of Medicine Workshop on Quality, Access, and Education for the Epilepsies, "Mental health resources and services across the lifespan."
02/2011 Invited Speaker for the Behavioral Aspects of Neurological Disease conference, "Psychological Treatment for Depression in Epilepsy", Sun Valley, ID
02/2011 Invited Speaker for the Behavioral Aspects of Neurological Disease conference, "Neuropsychological Issues in TBI", Sun Valley, ID
09/2009 PEARL (Program to Encourage Active and Rewarding Lives) Training Workshop (CME program)
06/2004 Research Education and Development Seminar Series. Research presentation at Baylor College of Medicine, Houston, TX.

Local/Regional Teaching:

01/2023 WSU Research Council, "Cognition and Type 1 Diabetes"
08/2021 UW/Seattle VA Neuropsychology Seminar, "(Type 1) Diabetes and Cognition"
11/2019 WSU Elson S. Floyd College of Medicine, Department of Medical Education and Clinical Sciences, Research Connections Series: "Diabetes and Cognition"

08/2019	WSU Elson S. Floyd College of Medicine, Department of Biomedical Sciences Symposium: "Cognition in Everyday Life: What we can Learn from Type 1 Diabetes"
12/2016	WSU College of Medicine Faculty Development Seminar: "Strategies for Promoting Gender Equity and Inclusion in Medical Education and Leadership"
09/2015	Washington State Psychological Association, Spokane Chapter, "Psychogenic Non-Epileptic Events (PNES) and Epilepsy: What every Psychologist Should Know", CE presentation
03/2014	University of Washington, Faculty Development Program "Women and Leadership", Panelist and Small Group Leader
03/2013	University of Washington, Roosevelt Grand Rounds, "Neuropsychology: What is it and when is it helpful?"
02/2013	University of Washington, Faculty Development Program "Women and Leadership": Small Group Leader, "Little Children at Home: Work Life Balance"
02/2013	University of Washington, REC Epilepsy Research Seminar presentation, "MONEAD Study: Maternal Outcomes and Neurobehavioral Effects of Anti-epileptic Drugs"
01/2013	University of Washington, Diabetes Care Center, "Quick Overview of the Neuropsychology of Diabetes"
2012-13	UW Medicine Neuropsychology Journal Club, Coordinator (trainees and faculty from Children's Hospital, UWMC, HMC, Seattle VA and Valley Medical Center).
11/2012	Seattle VA Neuropsychology Seminar, "Neuropsychology of Epilepsy and Epilepsy Surgery"
11/2012	University of Washington, Rehabilitation Psychology Journal Club, "PNES & Epilepsy: What every rehab psychologist should 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
05/2012	Seattle VA Neuropsychology Seminar, "Psychogenic Non-Epileptic Seizures: What we know and don't know"
03/2011	Guest Lecture, Argosy University Clinical Psychology Program, Advanced Neuropsychology Seminar, "The neuropsychology of epilepsy surgery and Deep Brain Stimulation", Seattle, WA
01/2011	University of Washington, REC Epilepsy Research Seminar presentation, "Depression & Epilepsy: Mechanisms and Treatment"
12/2010	University of Washington, Neurology Grand Rounds, "Treating Depression in Epilepsy"
11/2008	University of Washington, REC Epilepsy Research Seminar presentation, "Everyday Functioning in Epilepsy: The Impact of Cognition, Depression and Surgery"
05/2008	University of Washington, Neurology Grand Rounds, "Neuropsychological Assessment: What is it and when is it helpful?"
12/2006	Pacific Northwest Neuropsychological Society, "The Impact of Extra-Test Variables on Ecological Validity Research", Seattle, WA

Allied Health Professions Teaching:

10/2014	REHAB 510, "Rehabilitation Psychology of Seizure Disorders"
02/2013	Harborview Medical Center Angiography Technician/Nurse In-service, "The Wada Procedure"

10/2012 Harborview Medical Center Social Work In-service, "Overview of Neuropsychology"
06/2007 Harborview Medical Center EEG brown bag lecture series, "Neuropsychological Interpretation"

Graduate Student/Resident/Fellow Teaching:

2016- present WSU Psych 575: Neuropsychology, Guest lectures on Movement Disorders and Epilepsy.
2015- 2021 Providence Psychiatry Residency Didactic Series, 4 two-hour lectures per year on neuropsychological assessment, psychological assessment, neuropsychology of psychiatric disorders and neurocognitive disorders.
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
2017 WSU Clinical Psychology Graduate Program Seminar, "Cognition and Self-Management in Older Adults with Type 1 Diabetes".
2015- 2019 WSU Clinical Neuropsychology Graduate Student Presentations, guest presentations on "Careers in Neuropsychology", "Type 1 Diabetes and Cognition", and "Collaborative Research in Neuropsychology".
2014-2015 University of Washington, Rehabilitation Psychology Fellowship, Clinical Supervisor, supervision and mentorship of fellows in neuropsychology
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.
2013-2015 University of Washington, Rehabilitation Psychology Residency, Clinical Supervisor, supervise behavioral medicine/neuropsychology residents in clinical neuropsychological assessment.
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.
2010-2015 UW Neurology Resident Neurology Board Review Course: "Neuropsychological Testing" (annual)
2010-2013 UW Epilepsy Fellow Neuropsychology Rotation (Daniel Major, MD, Octavian Lie, MD), Coordinator and supervisor
2010 UW Neurology Resident Didactic series, "Neuropsychology Overview"
2008-2009 HMC/UWMC rehabilitation psychology residents and fellows, Annual didactic presentation on the neuropsychology of epilepsy.
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 Rezvanian, MD, Ning Zhong, MD, Teddy Youn, MD), Coordinator and supervisor
2005-2013 UW Neuropsychology research and clinical practicum for clinical psychology graduate students (Erica Coady, PhD; Maria Holsman, PhD; Hillary Russell, PhD, Jane Turnball, PhD, Danielle Wald, PhD, Sara Dyson, PhD), Coordinator and supervisor

WSU Student Committee Membership

2020- present College of Medicine Medical Student Research Supervisor

-Paige Galvez
-Rachel Monroe (Kudrna) (paper presentation, published manuscript)
-James Choe (paper presentation, published manuscript)
-Olivia Wang (paper presentation, manuscript in preparation)

2016-present Clinical Psychology (Neuropsychology Emphasis)
-Miranda Zuniga-Kennedy (Master's Thesis Co-Chair)
-Nicole Whitely, (Master's Thesis Committee)
-Samina Rahman, (Master's Thesis Committee)
-Robert Fellows (Preliminary Paper Committee), defended 12/2017
-Robert Fellows (Dissertation Committee), defended 4/2020
-Catherine Sumida (Preliminary Paper Committee), defended 12/2018
-Catherine Sumida (Dissertation Committee), defended 10/2022
-Katelyn Brown (Master's Thesis Committee), defended 1/2019
-Rachel Braley (Master's Thesis Committee), defended 7/2017
-Lisa Chudoba (Master's Thesis Committee), defended 5/2020

2019- 20 Honors College
-Julia Boutillier (Honors Thesis Chair, Nursing), defended 11/2020, "with distinction"

2018-19 Speech and Hearing Sciences
-Ellen Benetti (Master's Thesis Committee), defended 3/2019

2017-18 Experimental Psychology
-Amy Nusbaum (Preliminary Exam Committee), passed 4/2018

Community Outreach/Media:

05/2018 Prescription Drug Assistance Foundation, Keynote Speaker, "Diabetes and Access to Medications"

04/2018 KSPS Health Matters: "Alzheimer's Disease". Live talk show with expert panel, aired 4/19/18.

01/2017 Wellness Collaborative Special Event: Stress and Healthy U expert panel. Program aired on the WSU channel 16.

10/2007 Epilepsy Foundation Northwest educational seminar series, "Memory and other Cognitive Problems in Epilepsy", Seattle, WA

NATIONAL SERVICE

2022-present *American Academy of Clinical Neuropsychology,* Disruptive Technology Initiative, Member

2022- present *T1D Exchange External Registry & Research Committee*, Invited Member

6/2023 *Temporary Member, NIH Study Section*, Biobehavioral Medicine and Health Outcomes (BMHO); Risk, Prevention and Health Behavior Integrated Review Group

2022-2023 *American Psychological Association Division 40,* Society for Clinical Neuropsychology, Scientific Advisory Committee, Member

2019-2023 *Review Editor, Frontiers for Young Minds,* Editorial Board of Understanding Neuroscience

2016-2023 *American Academy of Clinical Neuropsychology*, Student Mentorship Program Committee

2015-2023 *American Academy of Clinical Neuropsychology*, Student Advisory Committee

2021-2022 *Diabetes Control and Complications/Epidemiology of Diabetes Interventions and Complications (DCCT/EDIC),* Cognitive Adjudication Committee

2021-2022	*American Diabetes Association Scientific Sessions,* Behavioral Medicine Subcommittee
2016-2021	*International Neuropsychological Society (INS)*, Science Committee
2021	*Invited Expert, NIH Core Neuropsychological Measures for Obesity and Diabetes Project*, Implementation and Dissemination meeting, 8/16/21
6/2021	*Temporary Member, NIH Study Section*, Biobehavioral Medicine and Health Outcomes (BMHO); Risk, Prevention and Health Behavior Integrated Review Group
2/2021	*Temporary Member, NIH Study Section*, Biobehavioral Medicine and Health Outcomes (BMHO); Risk, Prevention and Health Behavior Integrated Review Group
2020	*Temporary Member, NIH Study Section*, Risk, Prevention and Health Behavior Integrated Review Group (ZRG1 RPHB-W 58 NCD R21)
2020	*Ad hoc Grant Reviewer, NIH Study Section*, Special Emphasis Panel Diabetes Distress RFA (ZDK1 GRB-1 O3 1 NIDDK R01)
2020	*National Academy of Neuropsychology*, 2020 Conference Program Committee
2013-2020	*American Board of Clinical Neuropsychology,* Board Certification Work Sample Review Cadre
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 Project*, Invited Expert, Bethesda, MD, May 2-4, 2018. Workshop Report: Stoeckel, L. E., PhD, d'Ardenne, K., Savage, C., & Small, D. (2019, July 9). Core Neuropsychological Measures for Obesity and Diabetes Trials Project May 2-3, 2018 Workshop Report. https://doi.org/10.31232/osf.io/7jygx
2013	*CDC and Epilepsy Foundation*, Project UPLIFT dissemination grant program, Grant Reviewer
2012	*Department of Defense,* Congressionally-Directed Epilepsy Research Program*,* Grant Reviewer
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**
2007	*Department of Defense,* Congressionally-Directed Traumatic Brain Injury Research Program*,* Grant Reviewer, Leesburg, VA
2007	*Department of Defense,* TBI Concept Award Program, Grant Reviewer, Leesburg, VA

UNIVERSITY/COLLEGE SERVICE

2023-2026	WSU Provost's Advisory Committee on Promotion and Tenure, Member
2022-2025	WSU College of Medicine, Faculty Council Executive Committee, Elected Member
2022	WSU College of Medicine, Salary Equity Taskforce, Chair
2021- present	WSU Health Sciences Campus, Executive Diversity, Equity and Inclusion Committee, Member
2020- 2023	WSU College of Medicine, Equity Committee, Elected Chair
2020- 2023	WSU College of Medicine, Foundations of Medicine Subcommittee, Member
2017- present	AAMC, Group on Women in Medicine and Science (GWIMS), Founding Member
2014- 2020	UW Institute of Translational Health Sciences, Pilot grant reviewer

2019- 2024	WSU Faculty Senate, Professional Health Sciences Committee, Chancellor's Representative
2019	WSU Strategic Plan Concept Team (Research, Innovation and Creativity), Member
2019-2020	DMECS Research Faculty Mentoring Working Group, Member
2019-2020	DMECS Tenure and Promotion Guidelines Working Group, Member
2017- 2021	WSU College of Medicine, Scholarly Projects Committee, Member
2017-2020	WSU College of Medicine Equity Committee, Elected Member
2017-2018	WSU Spokane Mental Health Promotion and Suicide Prevention Committee
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
2016- 2020	WSU College of Medicine, Multiple Mini Interview (MMI) interviewer
2016-2019	WSU Faculty Senate Steering Committee, Spokane Campus Representative
2016-2019	WSU Faculty Senate, Spokane Campus Representative
2016-2017	WSU College of Medicine Search Committee, Chair of the Department of Medical Education and Clinical Sciences
2015-2016	WSU College of Medicine, Ad hoc Promotion and Tenure Committee
2014-2015	UW Psychology Residency, Didactics Committee
2014-2015	UW Rehabilitation Psychology Fellowship Steering Committee
2013-2015	UW Psychology Residency, Professional Development Committee
2012-2015	Dean's Standing Committee on Women in Medicine and Science, UW School of Medicine