Christopher H. Domen, Ph.D., ABPP-CN Curriculum Vitae

January, 2020

Biographical Information

Current Position:

2016-present Assistant Professor

Department of Neurosurgery

University of Colorado School of Medicine

2016-present Assistant Professor

Department of Neurology

University of Colorado School of Medicine

**Education**

1998-2003 BA (Honors, Psychology)

University of Kansas

Lawrence, KS

2003-2005 MA (Psychology), Neuropsychology Track

University of Windsor

Windsor, ON, Canada (APA & CPA Accredited Program)

2005-2010 PhD (Clinical Psychology), Neuropsychology Track

University of Windsor

Windsor, ON, Canada (APA & CPA Accredited Program)

2009-2010 Predoctoral Internship in Clinical Psychology, Neuropsychology Track

VA Ann Arbor Healthcare System

Ann Arbor, MI (APA Accredited Program)

2010-2012Postdoctoral Fellowship in Clinical Neuropsychology

University of Colorado School of Medicine

Aurora, CO (APPCN Member Program)

**Academic Appointments**

2013-2016 Instructor

Department of Neurosurgery

University of Colorado School of Medicine, Aurora, Colorado

2013-2016 Instructor

Department of Neurology

University of Colorado School of Medicine, Aurora, Colorado

2016-present Assistant Professor

Department of Neurosurgery

University of Colorado School of Medicine, Aurora, Colorado

2016-present Assistant Professor

Department of Neurology

University of Colorado School of Medicine, Aurora, Colorado

**Hospital and Other Professional Positions**

2012-2013 Staff Clinical Neuropsychologist, VA Eastern Colorado Healthcare System,

Colorado Springs, CO

2013-present Attending Staff, University of Colorado Hospital, Aurora, CO

**Memberships in Professional Organizations**

2013-present Member, Colorado Neuropsychological Society (CNS)

2016-present Member, American Academy of Clinical Neuropsychology (AACN)

2018-present Member, International Neuropsychological Society (INS)

**Major Committee and Service Responsibilities**

2015-2016 Secretary-Treasurer, Sec.-Treas. Elect, Colorado Neuropsychological Society

2017-2019 Immediate Past President, President, President-Elect, Colorado

Neuropsychological Society

2018 American Academy of Neuropsychology (AACN) Representative to the Department of Justice Rural and Tribal Elder Justice Summit

**Licensure and Board Certification**

2012-present Licensed Psychologist, State of Colorado Psychologist License

2016-present Board Certified in Clinical Neuropsychology, American Board of Professional

Psychology/American Board of Clinical Neuropsychology (ABPP/ABCN)

**Review and Referee Work**

2009-2010 Ad-hoc reviewer Aging, Neuropsychology, and Cognition

**Invited extramural lectures**

1. Rocky Mountain Multiple Sclerosis Center Spring Education Summit– Title: The potential medicinal benefits and cognitive side-effects of marijuana among MS patients (May 2015)
2. Colorado Department of Public Health Retail Marijuana Public Health Advisory Committee monthly meeting – Title: Neuropsychology and measuring non-acute effects of marijuana use on cognition (January 2016)
3. Association of Postdoctoral Programs in Clinical Neuropsychology Video Didactic Resource Library – Title: The impact of cannabis use on cognition: Weeding through the literature (November 2018)

**Teaching Record**

Presentations:

1. The effects of depression and PTSD on neurocognitive function. Presented at University of Colorado School of Medicine Adult Neuropsychology Seminar (June 2013)
2. The neurocognitive effects of therapeutic brain irradiation. Presented at University of Colorado School of Medicine Adult Neuropsychology Seminar (February 2014)
3. The effects of marijuana use on cognition: Weeding through the literature. Presented at the University of Colorado School of Medicine Behavioral Neurology & Neuropsychiatry Conference (June 2014)
4. The late-delayed cognitive effects of cranial irradiation. Presented at the University of Colorado School of Medicine Adult Neuropsychology Seminar (March 2015)
5. Neurocognitive effects of depression. Presented at the University of Colorado School of Medicine Adult Neuropsychology Seminar (August 2016)
6. The effects of alcohol use on cognition. Presented at the University of Colorado School of Medicine Adult Neuropsychology Seminar (January 2017)
7. An introduction to clinical neuropsychology and a brief review of the literature concerning the impact of radiation therapy on memory functioning. Presented at the University of Colorado School of Medicine Department of Radiation Oncology Resident Seminar (March 2017)
8. The effects of cannabis use on cognition. Presented at the University of Colorado School of Medicine Adult Neuropsychology Seminar (September 2017)
9. An introduction to clinical neuropsychology and the role of the neuropsychologist in epilepsy treatment. Presented at the University of Colorado School of Medicine Department of Neurology Epilepsy Fellowship Weekly Lecture (March 2018)
10. An introduction to clinical neuropsychology and the role of the neuropsychologist in epilepsy treatment. Presented at the University of Colorado School of Medicine Department of Neurology Epilepsy Fellowship Weekly Lecture (April 2019)
11. The impact of Multiple Sclerosis on cognitive functioning. Presented at the University of Colorado School of Medicine Adult Neuropsychology Seminar (June 2019)

Courses Taught:

2005 Graduate Assistant Lab Instructor, Introduction to Psychology I, University of Windsor,

Windsor, ON

2006 Graduate Assistant Lab Instructor, Introduction to Psychology II, University of Windsor,

Windsor, ON

2006 Graduate Assistant Lab Instructor, Sensation and Perception, University of Windsor,

Windsor, ON

Key Administrative Teaching Positions:

2016-2018 Associate Fellowship Director, University of Colorado School of Medicine Department of Neurosurgery Neuropsychology Fellowship Program

2018-present Associate Training Director, University of Colorado School of Medicine Department of Neurosurgery Neuropsychology Training Program

Course Development/Innovative Syllabi:

2016 Co-authored the University of Colorado Hospital Neuropsychology Clinic

Training Manual

2016 Co-authored the University of Colorado School of Medicine Neuropsychology

Fellowship Program Description

2016-present Organized Adult Neuropsychology Seminar series, University of Colorado School

of Medicine Department of Neurosurgery

2016-present Organized Neuropsychology Case Conference series, University of Colorado

School of Medicine Department of Neurosurgery

2016-present Organized Neuropsychology Board Certification Prep series, University of

Colorado School of Medicine Department of Neurosurgery

Clinic Attending Duties:

2013-present Supervisor, Neuropsychology Fellows, UCH Neuropsychology Clinic

2013-present Supervisor, Psychology Interns, UCH Neuropsychology Clinic

2013-Present Supervisor, Neuropsychology Practicum Students, UCH Neuropsychology Clinic

**Grant Support**

1. “Double Blind, Placebo-Controlled Cross Study Comparing the Analgesic Efficacy of Cannabis versus Oxycodone”

Granting Agency: Colorado Department of Public Health and Environment

Primary Investigator: Emily Lindley 7/2016-Present

Role: Research Personnel (PRN Salary Support) – Design neuropsychological testing battery, train/monitor PRAs in administration, and assist with interpretation of results

1. “A Randomized, Double-blind, Placebo-Controlled Crossover Study of Tolerability and Efficacy of Cannabidiol (CBD) on Tremor in Parkinson's Disease”

Granting Agency: Colorado Department of Public Health and Environment

Primary Investigator: Maureen Leehey 10/2016-Present

Role: Research Personnel (2.5% Salary Support) – Design neuropsychological testing battery, train/monitor PRAs in administration, and assist with interpretation of results

1. “Cannabis Use in Parkinson’s Disease: Patient Reports of Efficacy and Adverse Effects via Fox Insight”

Granting Agency: Michael J. Fox Foundation

Primary Investigator: Maureen Leehey 5/2019-Present

Role: Research Personnel (3.0% Salary Support) – Assist with development of survey on use of cannabis products by individuals with Parkinson’s disease and interpretation of results

**Bibliography**

Papers in Peer-Reviewed Journals:

1. Weinkle, L.\*, **Domen, C.H.\***, Shelton, I., Sillau, S., Nair, K., & Alvarez, E. (2018). Exploring cannabis use by patients with multiple sclerosis in a state where cannabis is legal. *Multiple Sclerosis and Related Disorders, 27,* 383-390*.* https://doi.org/10.1016/j.msard.2018.11.022

\*Co-first Author

1. **Domen, C.H.**, Shrestha, A., Chapman, K., & Drees, C. (2019). The impact of cannabis use on intracarotid amobarbital testing. *Epilepsy and Behavior Case Reports, 12,* 100328.https://doi.org/10.1016/j.ebr.2019.100328
2. Wodushek, T. & **Domen, C.H**. (2020). Comparing two models of performance validity assessment in patients with Parkinson’s disease who are candidates for deep brain stimulation surgery. *Applied Neuropsychology: Adult, 27,* 9-21*.* https://doi.org/10.1080/23279095.2018.14732

Book Chapters, Reviews, & Other:

1. Colorado Department of Public Health & Environment (2017, January). *Monitoring Health Concerns Related to Marijuana in Colorado: 2016: Changes in marijuana use patterns, systematic literature review, and possible marijuana-related health effects.* Retrieved from: https://www.colorado.gov/cdphe/marijuana-health-report
2. Greher, M.R. & **Domen, C.H.** (2017). Gerstmann, Josef (1887–1969). In J.S. Kreutzer, J. DeLuca, & B. Caplan (Eds.), *Encyclopedia of Clinical Neuropsychology*. New York, NY: Springer. https://doi.org/10.1007/978-3-319-56782-2\_617-2

Abstracts:

1. Kwasny, K.M., Atchley, R.A., Halderman, L., **& Domen, C.H**. (2002, November). *A dichotic study of semantic processing in the cerebral hemispheres.* Poster session presented at the 43rd Annual Meeting of the Psychonomics Society, Kansas City, MO.
2. **Domen, C.H**. & Atchley, R.A. (2003, November). *Hemispheric lateralization of lexical and sublexical strategies during reading.* Poster session presented at the 44th Annual Meeting of the Psychonomics Society, Vancouver, BC.
3. **Domen, C.H**. & Atchley, R.A. (2004, June). *The role of orthography and phonology in semantic access for printed words: An electrophysiological investigation.* Poster session presented at the 4th International Conference on the Mental Lexicon, Windsor, ON.
4. McDaniel, S., Woltersdorf, M., & **Domen, C.H**. **(**2005, November). *A comparison of intra-operative and extra-operative language mapping among pre and post-temporal resections.* Poster session presented at the 25th Annual Conference of the National Academy of Neuropsychology, Tampa Bay, FL.
5. **Domen, C.H**., Buchanan, L., & Collangelo, A. (2005, November). *Hemispheric asymmetries for accessing the phonological representation of single printed words.* Poster session presented at the 46th Annual Meeting of the Psychonomics Society, Toronto, ON.
6. **Domen, C.H**., Buchanan, L., & Colangelo, A. (2007, February). *Explicit access to phonology in deep dyslexia: Evidence from a forced choice rhyme decision task.* Poster session presented at the 35th Annual Meeting of the International Neuropsychological Society, Portland, OR.
7. **Domen, C.H**., & Buchanan, L. (2008, June). *The effect of shared orthographic neighbors on pseudohomophone priming*. Poster session presented at the 18th annual meeting of the Canadian Society for Brain, Behavior, and Cognitive Science, London, ON.
8. **Domen, C.H**., & Buchanan, L., (2009, November). *A time course investigation of the processing of orthographic and phonological representations of print in the cerebral hemispheres*. Poster session presented at the 50th Annual Meeting of the Psychonomics Society, Boston, MA.
9. Spencer, R. J., Drag, L. L., Pangilinan, P., H., **Domen, C. H.**, & Bieliauskas, L.A. (2010, February). *Mild traumatic brain injury has a small effect on cognitive performance among returning soldiers: Preliminary findings.* Poster session presented at the 38th Annual Conference of the International Neuropsychology Society, Acapulco, Mexico.
10. **Domen, C.H**., Spencer, R.J., Drag, L.L., & Bieliauskas, L.A. (2010, February). *Psychometrics of timed alphabet writing forward and backward.* Poster session presented at the 38th Annual Conference of the International Neuropsychological Society, Acapulco, Mexico.
11. **Domen, C.H**., & Buchanan, L. (2010, July). *The time course of orthographic and phonological processing of print in the cerebral hemispheres: Results from three visual half-field primed lexical decision experiments*. Poster session presented at the 7th International Conference on the Mental Lexicon, Windsor, ON.
12. Drees, C., **Domen, C**., Chapman, K., & Shrestha, A. (2015, December). *Effect of marijuana use on Wada test*. Poster session presented at the 69th annual meeting of the American Epilepsy Society, Philadelphia, PA.
13. Weinkle, L.J., Shelton, I., Sillau, S.H., **Domen, C**., Nair, K.V. & Alvarez, E. (2018, April). *Exploring Cannabis use by Patients with Multiple Sclerosis in a state where Cannabis is legal****.*** Poster session presented at the 70th annual meeting of the American Academy of Neurology, Los Angeles, CA.
14. **Domen, C.H**., Nair, K., Hoyt, B.D., Alvarez, E., & Medina, L.D. (2018, October). *Worsening fatigue predicts increased cognitive complaints and declines in cognitive test performance among individuals with multiple sclerosis.* Poster session presented at the 38th annual meeting of the National Academy of Neuropsychology, New Orleans, LA.
15. Atwood, A., Wodushek, T.R., Brown, M., **Domen, C.H**., Abosch, A., Ojemann, S., & Drees, C. (2018, November). *Neuropsychological outcomes following repeat temporal lobe and limbic system resesection for drug-resistant epilepsy*. Poster session presented at the Annual Conference of the American Epilepsy Society, New Orleans, LA.
16. **Domen, C.H**., Greher, M., Hosokawa, P., Barnes, S., Hoyt, B. & Wodushek, T.R. (2019, February). *Classification Accuracy of Multiple Embedded Performance Validity Tests in a Sample of Patients with Multiple Sclerosis.* Poster session presented at the 47th Annual Conference of the International Neuropsychological Society, New York, NY.
17. **Domen, C**., Weinkle, L.J., Shelton, I., Sillau, S.H., Nair, K.V. & Alvarez, E. (2019, May). *Cannabis use by Patients with Multiple Sclerosis in Colorado****.*** Poster session presented at the 71st annual meeting of the American Academy of Neurology, Philadelphia, PA.