

CURRICULUM VITA
JARED J. TANNER, PH.D.

PROFESSIONAL ADDRESS

College of Public Health and Health Professions
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Websites

<http://chp.php.ufl.edu/people/core-faculty/jared-tanner-ph-d/>
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<https://directory.ufhealth.org/tanner-jared>

EDUCATION

University of Florida, Gainesville, FL
Clinical and Health Psychology
Emphasis: Neuropsychology
Degree: Ph.D., 2013

Duke University, Durham, NC
Clinical Pre-Doctoral Internship
Emphasis: Adult Neuropsychology
2012 – 2013

Brigham Young University, Provo, UT
Major: Psychology
Degree: M.S.

Brigham Young University, Provo, UT
Major: Psychology
Minor: Gerontology
Degree: B.S.

PROFESSIONAL POSITIONS

Research Associate Professor (2023 – present)

UNIVERSITY OF FLORIDA

Director for structural imaging acquisition and processing (NIH R01 investigations). Mentor for graduate students. Co-mentor for honor undergraduate students completing theses. Co-mentor for graduate students completing imaging related research investigations. Instructor for multiple classes.

Research Assistant Professor (2015 – 2023)

UNIVERSITY OF FLORIDA

Director for structural imaging acquisition and processing (NIH R01 investigations). Mentor for graduate students. Co-mentor for honor undergraduate students completing theses. Co-mentor for graduate students completing imaging related research investigations. Instructor for multiple classes.

Instructor

UNIVERSITY OF FLORIDA

PSB 4934	Cognitive Neuroscience of Aging (2017 – present)
CLP 7934	Neuroimaging Applications and Analyses with Lab (2019 – present)
PSY 4930	Neuroimaging Applications and Analyses with Lab (2019 – present)
CLP 4421C	Introduction to Clinical Neuroanatomy (2023 – present)

HSC 4930 Introduction to Clinical Neuroanatomy (2019 – 2022)
CLP 7934 Introduction to Clinical Neuroanatomy (2020 – present)

Postdoctoral Research Associate

UNIVERSITY OF FLORIDA

Associate for structural imaging acquisition and processing (NIH R01 investigations). Co-mentor for honor undergraduate students completing theses. Co-mentor for graduate students completing imaging related research investigations.

Clinical Intern

DUKE UNIVERSITY MEDICAL CENTER

Adult and geriatric neuropsychology with a specialty in memory disorders. Provided clinical assessment and treatment plans. Worked on inter-disciplinary teams (neurology, geriatrics, psychiatry, psychology). Also provided outpatient adult ADHD psychotherapy.

Instructor

UNIVERSITY OF FLORIDA

Co-instructor, Introduction to Clinical Neuropsychology, CLP 4420. Supervisor: Russell Bauer, PhD, ABPP

Instructor

BRIGHAM YOUNG UNIVERSITY

Psychology 111 (Introduction to Psychology)

Psychology 381 (Behavioral Neurobiology)

Psychology 220 (Human Development: Lifespan)

Teaching Assistantships

Postdoctoral Teaching Assistant

UNIVERSITY OF FLORIDA

Human Brain Function. Supervisor: Dawn Bowers, PhD

Teaching Assistant

BRIGHAM YOUNG UNIVERSITY

Psychology 584 (Cognitive Neuroscience). Supervisor: Ramona O. Hopkins, PhD

Psychology 220 (Human Development). Supervisor: Ramona O. Hopkins, PhD

Psychology 381 (Behavioral Neurobiology). Supervisor: Ramona O. Hopkins, PhD

Psychology 370 (Sensation and Perception). Supervisor: Ramona O. Hopkins, PhD

Psychology 111 (Introduction to Psychology). Supervisor: Claudia Clayton, PhD

Psychology 302 (Research Methods and Design). Supervisor: Claudia Clayton, PhD

Research Assistant

UNIVERSITY OF FLORIDA

Price Neuropsychology Lab

Supervisor: Catherine Price, PhD

PROFESSIONAL ACTIVITIES

- Associate Editor for the Journal of Alzheimer's Disease (2022 -)
- Department of Clinical and Health Psychology, University of Florida HEARD education subcommittee; admission committee neuropsychology area representative (2021-2022)
- Ad hoc peer reviewer for Journal of Gerontology: Biological Sciences, Brain Structure & Function, Movement Disorders, Neuropsychology, NeuroImage, NeuroImage: Clinical, Archives of Clinical Neuropsychology, Psychiatry Research: Neuroimaging, The Journal of the International Neuropsychological Society, The Clinical Neuropsychologist, JAMA Network Open, Journal of Alzheimer's Disease, Brain Communications, Frontiers in Aging Neuroscience, and PLOS ONE

- Member of International Neuropsychological Society 2015 Program Committee
- Attended 2010 FreeSurfer course at Massachusetts General Hospital for training in brain MRI processing and analysis
- Member of Clinical and Health Psychology student Neuropsychology Seminar Committee (2007-2008)
- Attended 2007 FSL course in Cardiff, Wales for training in brain MRI processing and analysis

MENTORING

Mentor graduate students Udel Holmes, III (2021 – present) and Kara Eversole (2022 – present)

Assist in mentoring (mentor: Price) others (2013 – present)

Supervise undergraduate research assistants (2006 – present)

Chair Kenia Rangel senior thesis (2021 – 2022)

AWARDS / HONORS

- Fall 2022 & Spring 2023 -- Public Health and Health Professions Dean's Excellence in Teaching Awards
- Best poster at University of Florida Department of Anesthesiology 2014 Celebration of Research
- Parkinson's Action Network Leadership Forum postdoctoral researcher scholarship recipient
- Award winner for the Florida Museum of Natural History Elegance of Science Contest with MRI artwork displayed in the museum for six months in 2020
- Brain MRI artwork displayed as part of a chamber music series themed "Music & the Mind" by the Los Angeles Chamber Orchestra in 2014
- Brain images and video used as part of a Nippon Hōsō Kyōkai (Japan Broadcasting Corporation) documentary called "Human Life: Our Amazing Cells" in 2014
- Brain artwork selected for permanent display at the University of Florida Center for Movement Disorders and Neurorestoration
- University of Florida Department of Clinical and Health Psychology Jenny Sivinski Memorial Award for Excellence in Community Service
- Outstanding Speaker, Institute of Learning in Retirement /University of Florida Student Research-on-Aging Symposium
- University of Florida Alumni Graduate Fellowship
- College of Family, Home, and Social Sciences Dean's List, Brigham Young University
- University Scholar, Brigham Young University

RESEARCH EXPERIENCE & INTERESTS

I am currently a research associate professor at the University of Florida working as a co-PI and co-I on multidisciplinary NIH grants focused on brain structure and function in adults with chronic pain (PIs: Kimberly Sibille; Ellen Terry; Federico Pozzi; Roger Fillingim).

My current research focuses primarily on the role sociodemographic factors, including ethnicity/race, play in the relationships between chronic pain and brain structure and function. I research individual cognitive and neurological factors influencing variability in response to acute brain stressors and aging. I am interested in understanding how individual brain (e.g., localized and widespread atrophy, cerebrovascular disease) and behavioral variables (e.g., socioeconomic status, experiences with discrimination, psychological resilience) contribute to the aging brain.

My short and long-term goals are to continue assessing how sociodemographic factors interact validated and novel neuroimaging biomarkers – changes to the structure and function of the brain – to identify early and predict clinically relevant memory and cognitive decline in older adults.

To conduct my research, I utilize a range of clinical neuropsychological and neuroimaging methodologies. I have considerable experience with structural MRI methodologies (volumetric, diffusion, and quantitative fiber tracking) and additional experience with functional MRI. My research involves working as part of

multi-disciplinary teams involving colleagues in clinical psychology, aging, biochemistry, bioengineering, neurology, anesthesiology, surgery, and nursing. I assess relationships between gray and white brain matter and cognitive, memory, and behavioral functions in intact and impaired older adult populations. I supervise graduate, undergraduate, and post-baccalaureate research assistants.

GRANTS

Ongoing

3R37AG033906-20S1 (PI: Fillingim/Sibille)

NIH NIA

Elucidating Factors Contributing to Disparities in Neurobiological Vulnerabilities and Alzheimer's Disease and Related Dementias Risk

06/01/23–

4.0 calendar

This study (\$312,252 total direct and indirect costs) investigates the relationship between demographic disparities on health outcomes for individuals with osteoarthritis.

As a Co-investigator, Dr. Tanner is involved in the neuroimaging and cognitive elements of the investigation. He is completing the neuroimaging component and provides input on brain regions of interest relative to psychological elements in the sample.

4K22NS102334-03 (PI: Terry)

NIH NINDS

1.2 calendar

Neural Mechanisms Underlying Psychosocial Contributions to Ethnic Group Differences in Pain

04/15/2018–03/31/2023

The grant (\$854,111 total direct and indirect costs) is focused on pain catastrophizing and mechanisms of pain processing.

Dr. Tanner is involved in neuroimaging and statistical analysis, manuscript writing, and neuroimaging didactic experiences.

1R01AR080058 (PI: Pozzi)

NIH NIAMS

Nervous system influences on recovery from painful rotator cuff tears

05/10/23–04/30/23

1.0 calendar

This study (\$2,779,460 total direct and indirect costs) investigates the relationship between demographic disparities on health outcomes for individuals with osteoarthritis.

As a Co-investigator, Dr. Tanner is involved in the neuroimaging elements of the investigation. He is overseeing the acquisition and processing of resting state and structural neuroimaging and provides input on brain regions of interest relative to function in the sample.

Previous Research Activities on Grants

R01AG054370-05S1 (PIs: Tanner, Sibille)

NIH NIA

Chronic Pain Severity, Biomarkers of Dementia, and Ethnic/Race Group Differences: Predicting Alzheimer's Disease Vulnerabilities

08/01/20-05/31/23

This supplemental study (\$367,167 total direct and indirect costs) investigates the relationship between demographic disparities on health outcomes for individuals with osteoarthritis and potential risk of dementia.

R01AG054370 (PI: Sibille)

NIH NIA

Health Disparities in Osteoarthritis: Biological Aging, Stress, and Pain

09/01/16-05/31/23

This study (\$3,065,997 total direct and indirect costs) investigates the relationship between demographic disparities on health outcomes for individuals with osteoarthritis.

As a Co-investigator, Dr. Tanner is involved in the neuroimaging and cognitive elements of the investigation. He is completing the neuroimaging component and provides input on brain regions of interest relative to psychological elements in the sample.

7AZ01 (Smith)

Florida Department of Health – Ed and Ethel Moore Alzheimer's Disease Research Program
Physical Exercise and Cognitive Engagement Outcomes For Mild Neurocognitive Disorder
(PEACEOFMND)

07/2017 – 06/2018

The \$450,000 (total direct and indirect) grant established a collaboration between the Florida Department of Health funded Memory Disorders Centers at UF, Mayo Clinic Jacksonville, and Tallahassee Memorial Healthcare to study neuroimaging impacts of behavioral interventions in Mild Cognitive Impairment.

Role: Co-investigator involved in neuroimaging acquisition, data management, and image processing.

R01 N5082386 (PI: Price)

NIH NINDS

White Matter Connectivity and PD Cognitive Phenotypes

09/25/13-08/30/18

The goal of this research project (\$2,323,702 total direct and indirect) was to determine if cognitive phenotypes and cognitive trajectory can be partially explained by frontal and temporal circuit integrity. We performed this investigation using two recruitment pools encompassing > 700 individuals with idiopathic PD, novel structural and functional imaging approaches, and repeated cognitive assessments.

As a Co-Investigator, Dr. Tanner was involved primarily with neuroimaging acquisition, management, and processing. Dr. Tanner was also involved in student supervision, database management, manuscript writing, and presentations.

R01 NR014810 (PI: Price)

NIH NINR

Neuroimaging Biomarkers for Post-Operative Cognitive Decline in Older Adults

09/27/12-06/30/17

This study (\$2,316,648 total direct and indirect costs) examined the extent that preoperative regional white matter integrity and specific white matter connections predict type of post-operative cognitive decline after major orthopedic surgery in older adults.

As a Co-Investigator, Dr. Tanner was involved with many elements of the project including weekly meetings with the neuroimaging team, recruitment, neuroimaging acquisition, management, and processing, data analyses, manuscript writing, and presentations.

NINDS K23NS060660 (PI: Price)

09/31/07-09/30/12

NIH NINDS

Title: White Matter and Cognition in Parkinson's Disease.

Project (\$608,197 total direct and indirect costs) was focused on investigating the role of white matter on cognitive function in idiopathic nondemented Parkinson's disease relative to age and education matched healthy adults by using novel diffusion MRI methodologies (HARDI).

Role: Research assistant involved acquisition of neuroimaging data, processing of neuroimaging data including volumetric and fiber tracking analyses, and acquisition of neuropsychological data.

NHLBI RCI HL 100195-01 (PI: Beaver)

Title: Invasive Surgical Pulmonary Vein Isolation versus Medical Management in Patients with Atrial Fibrillation.

Role: Research assistant with responsibilities for neuroimage processing to examine changes in white matter on cognitive function in individuals randomly placed into one of two treatment groups.

PUBLICATIONS

PEER REVIEWED ARTICLES

Mickle, A. M., Domenico, L. H., **Tanner**, J. J., Terry, E. L., Cardoso, J., Glover, T. L., ... & Sibille, K. T. (2023). Elucidating factors contributing to disparities in pain-related experiences among adults with or at risk for knee osteoarthritis. *Frontiers in Pain Research*, 4, 1058476.

Impact factor: Pending

Crowley, S. J., Amin, M., **Tanner**, J. J., Ding, M., Mareci, T. A., & Price, C. C. (2022). Free Water Fraction Predicts Cognitive Decline for Individuals with Idiopathic Parkinson's disease. *Parkinsonism & Related Disorders*.

Impact factor: 4.402

Dion, C., **Tanner**, J., Formanski, E. M., Davoudi, A., Rodriguez, K., Wiggins, M. E., ... & Price, C. C. (2022). The functional connectivity and neuropsychology underlying mental planning operations: data from the digital clock drawing test. *Frontiers in Aging Neuroscience*, 1015.

Impact factor: 5.702

Crowley, S., Mickle, A. M., Wiggins, M. E., Cardoso, J., Lai, S., **Tanner**, J. J., ... & Sibille, K. T. (2022). Relationships Between Cognitive Screening Composite Scores and Pain Intensity and Pain Disability in Adults With/At Risk for Knee Osteoarthritis. *The Clinical Journal of Pain*, 38(7), 470-475.

Impact factor: 3.423

O'Shea, D. M., de Wit, L., **Tanner**, J., Mejia Kurasz, A., Amofa, P., Perez Lao, A., ... & Smith, G. (2022). Hippocampal Subfields in Mild Cognitive Impairment: Associations with Objective and Informant-Report of Memory Function. *Archives of Clinical Neuropsychology*.

Impact factor: 3.448

Terry, E. L., **Tanner**, J. J., Cardoso, J. S., Sibille, K. T., Lai, S., Deshpande, H., ... & Fillingim, R. B. (2022). Associations between pain catastrophizing and resting-state functional brain connectivity: Ethnic/race group differences in persons with chronic knee pain. *Journal of Neuroscience Research*, 100(4), 1047-1062.

Impact Factor: 4.433

Tanner, J. J., Cardoso, J., Terry, E. L., Booker, S. Q., Glover, T. L., Garvan, C., ... & Sibille, K. T. (2022). Chronic pain severity and sociodemographics: An evaluation of the neurobiological interface. *The Journal of Pain*, 23(2), 248-262.

Impact Factor: 5.383

Terry, E. L., **Tanner**, J. J., Cardoso, J. S., Sibille, K. T., Lai, S., Deshpande, H., ... & Fillingim, R. B. (2021). Associations of pain catastrophizing with pain-related brain structure in individuals with or at risk for knee osteoarthritis: Sociodemographic considerations. *Brain Imaging and Behavior*, 15(4), 1769-1777.

Impact Factor: 3.224

Dion, C., **Tanner**, J. J., Crowley, S. J., Wiggins, M. E., Mareci, T., Ding, M., ... & Manini, T. M. (2021). Functional connectivity of key resting state networks and objectively measured physical activity in older adults with joint pain: A pilot study. *Experimental Gerontology*, 153, 111470.

Impact Factor: 4.253

Tanner, J. J., Hanchate, S., Price, C. C., Garvan, C., Lai, S., Staud, R., ... & Sibille, K. T. (2021). Relationships between chronic pain stage, cognition, temporal lobe cortex, and sociodemographic variables. *Journal of Alzheimer's Disease*, 80(4), 1539-1551.

Impact Factor: 4.160

- Dion, C., Frank, B. E., Crowley, S. J., Hizel, L. P., Rodriguez, K., **Tanner, J.**, ... & Price, C. C. (2021). Parkinson's Disease Cognitive Phenotypes Show Unique Clock Drawing Features when Measured with Digital Technology. *Journal of Parkinson's disease*, 11, 779-791.
Impact Factor: 5.520
- Tanner, J. J.**, Johnson, A. J., Terry, E. L., Cardoso, J., Garvan, C., Staud, R., ... & Sibille, K. T. (2021). Resilience, pain, and the brain: Relationships differ by sociodemographics. *Journal of Neuroscience Research*, 99(5), 1207-1235.
Impact Factor: 4.433
- Jones, J., Nielson, S. A., Trout, J., Swenson, M., Reiley, J., **Tanner, J.**, ... & Kay, D. B. (2021). A Validation Study of PROMIS Sleep Disturbance (PROMIS-SD) and Sleep Related Impairment (PROMIS-SRI) Item Banks in Individuals with Idiopathic Parkinson's Disease and Matched Controls. *Journal of Parkinson's Disease*, 11(2), 877-883.
Impact Factor: 5.520
- Crowley, S. J., Banan, G., Amin, M., **Tanner, J. J.**, Hizel, L., Nguyen, P., ... & Price, C. C. (2020). Statistically defined Parkinson's Disease executive and memory cognitive phenotypes: demographic, behavioral, and structural neuroimaging comparisons. *Journal of Parkinson's disease*, 11(1), 283-297.
Impact Factor: 5.520
- Wiggins, M. E., Jones, J., **Tanner, J. J.**, Schmalfuss, I., Hossein Aalaei-Andabili, S., Heilman, K. M., ... & Price, C. C. (2020). Pilot investigation: older adults with atrial fibrillation demonstrate greater brain leukoaraiosis in infracortical and deep regions relative to non-atrial fibrillation peers. *Frontiers in Aging Neuroscience*, 12, 271.
Impact Factor: 5.702
- Trifilio, E., **Tanner, J. J.**, Butterfield, L., Mangal, P., Maye, J. E., Marsiske, M., ... & Bowers, D. (2020). A tale of two stories: validity of an alternative story memory test in a sample of older adults. *The Clinical Neuropsychologist*, 34(1), 158-173.
Impact Factor: 4.373
- Cruz-Almeida, Y., Crowley, S. J., **Tanner, J.**, & Price, C. C. (2020). Pain severity and interference in different Parkinson's disease cognitive phenotypes. *Journal of pain research*, 13, 3493.
Impact Factor: 2.832
- Trout, J., Christiansen, T., Bulkley, M. B., **Tanner, J. J.**, Sozda, C. N., Bowers, D., & Kay, D. B. (2020). Cognitive Impairments and Self-Reported Sleep in Early-Stage Parkinson's Disease with Versus without Probable REM Sleep Behavior Disorder. *Brain Sciences*, 10(1), 9.
Impact Factor: 3.333
- Alonso, C. H., **Tanner, J. J.**, Wiggins, M. E., Sinha, P., Parvataneni, H. K., Ding, M., ... & Price, C. C. (2019). Proof of principle: Preoperative cognitive reserve and brain integrity predicts intra-individual variability in processed EEG (Bispectral Index Monitor) during general anesthesia. *PloS one*, 14(5), e0216209.
Impact Factor: 3.752
- Hardcastle, C., Huang, H., Crowley, S., **Tanner, J.**, Hernaiz, C., Rice, M., ... & Price, C. C. (2019). Mild cognitive impairment and decline in resting state functional connectivity after total knee arthroplasty with general anesthesia. *Journal of Alzheimer's Disease*, 69(4), 1003-1018.
Impact Factor: 4.160
- Tanner, J. J.**, Amin, M., Hardcastle, C., Parvataneni, H., Vaillancourt, D. E., Mareci, T. H., & Price, C. C. (2019). Better Brain and Cognition Prior to Surgery Is Associated With Elevated Postoperative Brain Extracellular Free-Water in Older Adults. *Frontiers in aging neuroscience*, 11.

Impact Factor: 5.702

Kluger, B. M., Zhao, Q., **Tanner**, J. J., Schwab, N. A., Levy, S. A., Burke, S. E., ... & Price, C. (2019). Structural brain correlates of fatigue in older adults with and without Parkinson's disease. *NeuroImage: Clinical*, 22, 101730.

Impact Factor: 4.891

Hizel, L. P., Warner, E. D., Wiggins, M. E., **Tanner**, J. J., Parvataneni, H., Davis, R., ... & Price, C. C. (2019). Clock drawing performance slows for older adults after total knee replacement surgery. *Anesthesia & Analgesia*, 129(1), 212-219.

Impact Factor: 6.627

Wan, L., Huang, H., Schwab, N., **Tanner**, J., Rajan, A., Lam, N. B., ... & Ding, M. (2019). From eyes-closed to eyes-open: Role of cholinergic projections in EC-to-EO alpha reactivity revealed by combining EEG and MRI. *Human brain mapping*, 40(2), 566-577.

Impact Factor: 5.399

De Wit, L., O'Shea, D., Chandler, M., Bhaskar, T., **Tanner**, J., Vemuri, P., ... & Smith, G. (2018). Physical exercise and cognitive engagement outcomes for mild neurocognitive disorder: a group-randomized pilot trial. *Trials*, 19(1), 573.

Impact Factor: 2.049

Wiggins, M. E., **Tanner**, J., Schwab, N., Crowley, S. J., Schmalfuss, I., Brumback, B., ... & Price, C. C. (2018). Regional leukoaraiosis and cognition in non-demented older adults. *Brain imaging and behavior*, 1-9. DOI: <https://doi.org/10.1007/s11682-018-9938-5>

Impact Factor: 3.224

Kay, D., **Tanner**, J., & Bowers, D. (2018). Sleep Disturbances and Depression Severity in Patients with Parkinson's Disease. *Brain and Behavior*, e00967. DOI: <https://doi.org/10.1002/brb3.967>

Impact Factor: 3.405

Huang*, H., **Tanner***, J. J., ... Price, C. C. (2018). Impact of Total Knee Arthroplasty with General Anesthesia on Brain Networks: Cognitive Efficiency and Ventricular Volume Predict Functional Connectivity Decline in Older Adults. *Journal of Alzheimer's Disease*, 62(1), 319-333.

***Share first authorship**

Impact Factor: 4.160

Colon-Perez, L. M., **Tanner**, J. J., Couret, M., Goicochea, S., Mareci, T. H., Price, C. C. (2018). Cognition and connectome in non-dementia idiopathic Parkinson's disease. *Network Neuroscience*, 1-41.

Impact Factor: 4.980

Crowley, S. J., **Tanner**, J. J., Ramon, D., Schwab, N. A., Hizel, L. P., Price, C. C. (2018). Reliability and utility of manual and automated estimates of total intracranial volume. *Journal of the International Neuropsychological Society*, 24(2), 206-211.

Impact Factor: 3.114

Crowley, S., Huang, H., **Tanner**, J., Zho, Q., Schwab, N., Hizel, L., Ramon, D., Brumback, B., Ding, M., Price, C. (2018). Considering total intracranial volume in brain voxel based morphometry in idiopathic PD. *Brain Imaging and Behavior*, 12(1), 1-12.

Impact Factor: 3.224

Tanner, J. J., McFarland, N. R., & Price, C. C. (2017). Striatal and Hippocampal Atrophy in Idiopathic Parkinson's Disease Patients without Dementia: A Morphometric Analysis. *Frontiers in neurology*, 8(139), 1-10.

Impact Factor: 4.086

- Huang, H., Nguyen, P. T., Schwab, N. A., **Tanner**, J. J., Price, C. C., & Ding, M. (2017). Mapping Dorsal and Ventral Caudate in Older Adults: Method and Validation. *Frontiers in aging neuroscience*, 9, 91.
Impact Factor: 5.702
- Jones, J. D., **Tanner**, J. J., Okun, M., Price, C. C., & Bowers, D. (2017). Are Parkinson's Patients More Vulnerable to the Effects of Cardiovascular Risk: A Neuroimaging and Neuropsychological Study. *Journal of the International Neuropsychological Society*, 23(4), 322-331.
Impact Factor: 3.114
- Tanner**, J. J., Levy, S. A., Schwab, N. A., Hizek, L. P., Nguyen, P. T., Okun, M. S., & Price, C. C. (2016). Marked brain asymmetry with intact cognitive functioning in idiopathic Parkinson's disease: A longitudinal analysis. *The Clinical Neuropsychologist*, 1-22.
Impact Factor: 4.373
- Price, C. C., **Tanner**, J., Nguyen, P. T., Schwab, N. A., Mitchell, S., Slonena, E., ... & Bowers, D. (2016). Gray and White Matter Contributions to Cognitive Frontostriatal Deficits in Non-Demented Parkinson's Disease. *PLoS ONE*, 11(1), e0147332.
Impact Factor: 3.752
- Price, C. C., Levy, S., **Tanner**, J. J., Garvan, C., Ward, J., Akbar, F., Bowers, D., Rice, M., Okun, M. (2015). Orthopedic surgery and post-operative cognitive decline in idiopathic Parkinson's disease: Considerations from a pilot study. *Journal of Parkinson's disease*, 5, 893-905.
Impact Factor: 5.520
- Tanner**, J. J., Mareci, T. H., Okun, M. S., Bowers, D., Libon, D. J., Price, C. C. (2015). Temporal lobe and frontal-subcortical dissociations in non-demented Parkinson's disease with verbal memory impairment. *PLoS ONE*. 10(7): e0133792. doi: 10.1371/journal.pone.0133792
Impact Factor: 3.752
- Price, C. C., **Tanner**, J. J., Schmalfuss, I. M., Brumback, B., Heilman, K. M., Libon, D. J. (2015). Dissociating Statistically-Determined Alzheimer/ Vascular Dementia Neuropsychological Syndromes Using White and Gray Neuroradiological Parameters. *Journal of Alzheimer's Disease*, 48(3), 833-847.
Impact Factor: 4.160
- Tanner**, J. J., Mellott, E., Dunne, E. M., & Price, C. C. (2015). Integrating Neuropsychology and Brain Imaging for a Referral of Possible Pseudodementia: A Case Report. *The Clinical Neuropsychologist*, 29(2), 272-292. doi: <http://dx.doi.org/10.1080/13854046.2015.1008047>
Impact Factor: 4.373
Readers may earn CE credit for reading the article
- Schwab, N. A., **Tanner**, J. J., Nguyen, P. T., Schmalfuss, I. M., Bowers, D., Okun, M., Price, C. C. (2015). Proof of principle: Transformation approach alters caudate nucleus volume and structure-function associations. *Brain Imaging and Behavior*, 9(4), 744-753. DOI 10.1007/s11682-014-9332-x
Impact Factor: 3.224
- Price, C. C., **Tanner**, J. J., Schmalfuss, I., Garvan, C. W., Gearen, P., Dickey, D.,... & Monk, T. G. (2014). A pilot study evaluating presurgery neuroanatomical biomarkers for postoperative cognitive decline after total knee arthroplasty in older adults. *Anesthesiology*, 120(3), 601-613. doi:10.1097/ALN.0000000000000080
Impact Factor: 8.986

Seidel, G. A., Giovannetti, T., Price, C. C., **Tanner, J.**, Mitchell, S., Eppig, J., & Libon, D. J. (2013). Neuroimaging correlates of everyday action in dementia. *Journal of clinical and experimental neuropsychology*, 35(9), 993-1005.

Impact Factor: 2.475

Price, C. C., Mitchell, S. M., Brumback, B., **Tanner, J. J.**, Schmalfuss, I., Lamar, M., Giovannetti, T., Heilman, K. M., & Libon, D. J. (2012). MRI-leukoaraiosis thresholds and the phenotypic expression of dementia. *Neurology*, 79(8), 734-740. doi: 10.1212/WNL.0b013e3182661ef6

Impact Factor: 9.901

Price, C. C., Favilla, C., **Tanner, J. J.**, Towler, S., Jacobson, C. E., Hass, C. J....& Okun, M. S. (2011). Lateral ventricle volume is poor predictor of post unilateral DBS motor change for Parkinson's disease. *Parkinsonism & related disorders*, 17(5), 343-347. doi:10.1016/j.parkreldis.2011.01.018

Impact Factor: 4.402

Price, C., Garrett, K. D., Jefferson, A., Cosentino, S., **Tanner, J.**, Penney, D., Swenson, R., et al. (2009). Leukoaraiosis Severity and List-Learning in Dementia. *The Clinical Neuropsychologist*, 23(6), 944-961. doi:10.1080/13854040802681664

Impact Factor: 4.373

BOOK CHAPTERS

Price, C. C., **Tanner, J.**, Monk, T. G. (2011). Post operative cognitive disorders. In G. Mashour (Ed), *Neuroscientific Foundations of Anesthesiology*, Oxford University Press.

REFEREED PUBLISHED ABSTRACTS

Mickle, A., **Tanner, J.**, Holmes, U., Addison, B., Sambuco, N., Wu, S., ... & Sibille, K. (2023). Vulnerable Dispositional Traits And Poverty Are Associated With Older Brain Age In Adults With Knee Pain. *The Journal of Pain*, 24(4), 73.

Mayer, J., **Tanner, J. J.**, Sibille, K. T., Cardoso, J., Staud, R., Addison, A., ... & Terry, E. L. (2023). Pain Catastrophizing And Brain Aging: Considerations For Sociodemographics. *The Journal of Pain*, 24(4), 71.

Dion, C., **Tanner, J.J.**, Wiggins, M.E., Amini, S., Libon, D.J., Parvataneni, H., Gray, C., Prieto, H., Tighe, P.J., Price, C.C. (2021) Anesthesia and Clock Drawing Performance as Predictors of Length of Stay in Older Adults Undergoing Total Knee Arthroplasty Surgery. Abstract submitted to the annual meeting of the International Anesthesia Research Society, held virtually.

Dion, C., Formanski, E., Davoudi, A., Rodriguez, K., Amini, S., **Tanner, J.J.**, Heilman, K.M., Libon, D.J., Price, C.C. (2021, February) Quantifying Clock Drawing Number Placement Accuracy in Participants with Mild Cognitive Impairment. Abstract accepted for poster presentation to the annual meeting of the International Neuropsychological Society, San Diego, California.

Formanski E., Dion, C., Davoudi, A., Rodriguez, K., Heilman, K.M., Libon, D.J., **Tanner, J.J.**, Price, C.C. (2021, February) Digit Misplacement within Clock Drawing May Be a Novel Marker of Mental Planning. Abstract accepted for paper presentation at the annual meeting of the International Neuropsychological Society, San Diego, California.

Dion, C., Wiggins, M.E., Formanski, E., Davis, R., Penney, D., **Tanner, J.J.**, Price, C.C. (2020, February) Stroke Risk and Frontal Lobe Leukoaraiosis in Older Adults: Associations with Digital Clock Drawing Performance. Poster presented at the Institute for Learning in Retirement and considered for the Robert Levitt awards, Gainesville, Florida.

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- Johnson, A. J., **Tanner, J. J.**, Terry, E. L., Cardoso, J. S., Garvan, C., Staud, R., Deutsch, G., Deshpande, H., Lai, S., McEwen, B., Goodin, B. R., Price, C., Fillingim, R. B., & Sibille, K. (2019, April). Resilience and Pain-Related Areas in the Brain: Consideration of Sex and Ethnic/Race Differences. Poster presented at the American Pain Society Conference, Milwaukee, WI.
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Tanner, J., Weaver, L.K., & Hopkins, R.O. (2007). *Measuring Reliable Change of Neuropsychological Test Scores in Patients with Acute Respiratory Distress Syndrome*, International Neuropsychological Society Conference

REFEREED RESEARCH POSTERS AT INTERNATIONAL CONFERENCES

Tanner, J. J., Mitchell, S. M., Towler, S., Mahfood, D., Price, C. C., Heilman, K. M., Libon, D. J. (2007). *Dissociations between regional leukoaraiosis on learning and memory*. Abstract presented at the 3rd biannual meeting of the International Society for Vascular Behavioural and Cognitive Disorders

Mitchell, S.M., **Tanner**, J.J., Price, C., Loring, D.W., Heilman, K.M., and Libon, D. J. (2007). *The Contribution of Regional Leukoaraiosis to Executive Dysfunction in Dementia. Information Processing Speed and Graphomotor Impairment*. Abstract presented at the 3rd biannual meeting of the International Society for Vascular Behavioural and Cognitive Disorders.

SPEECHES AT PROFESSIONAL CONFERENCES / MEETINGS

Fiber Tracking Alexander, DeLong, & Strick Circuits: Considerations for Reliability and Applications to Neurodegenerative Diseases. Symposium on Considerations for Structural Neuroimaging in Neurodegenerative Disorders, INS, Montreal, Canada, 2012.

Dissociating Gray and White Matter Contributions to Verbal List Learning and Memory. The International Neuropsychological Society (INS). Boston, MA, 2011.

Dissociations between regional leukoaraiosis on learning and memory. The International Society for Vascular Behavioural and Cognitive Disorders (VAS-COG), San Antonio, TX, 2007.

OTHER PROFESSIONAL PRESENTATIONS

Verbal memory in idiopathic non-demented Parkinson's disease: A structural MRI and quantitative white matter tractography analysis. Presented at Postdoctoral Investigator Poster Session of the Parkinson's Action Network (PAN) Leadership Forum, February 2014, Washington, D.C.

Dissociating Gray and White Matter Contributions to Verbal List-learning and Memory. Institute of Learning in Retirement, UF Student Research-on-Aging Symposium, 2011.

Investigating the regional influences of white matter abnormalities on Cognition in dementia
Co-presentation given February 2008 at the University of Florida Center for Neuropsychological Studies.

DISSERTATION

Tanner, J. J. (2013). *Verbal memory in idiopathic non-demented Parkinson's disease: A structural MRI and quantitative white matter tractography analysis.* Advisor: Catherine C. Price, PhD, University of Florida

MASTER'S THESIS

Tanner, J. J. (2006). *Measuring Reliable Change of Neuropsychological Test Scores in Patients with Acute Respiratory Distress Syndrome.* Advisor: Ramona O. Hopkins, PhD, Brigham Young University.

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

2022 – present	International Association for the Study of Pain
2006 – present	International Neuropsychological Society
2007 – 2012	The International Society for Vascular Behavioural and Cognitive Disorders (VAS-COG)

PROFESSIONAL REFERENCES

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