CONTACT INFO

Office Location: 135 Arizona Biomedical Collaborative
425 N. 5th Street
Phoenix, AZ 85003

Work: 480-884-2538
Email: Edward.ofori@asu.edu
Website: pmnilab.org
LinkedIn: www.linkedin.com/in/profschola

EDUCATION & TRAINING

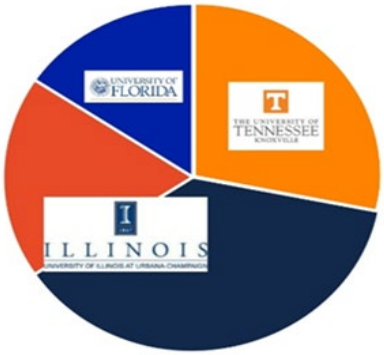
2013-2015 **Postdoctoral Training in Neuroimaging** & Movement Disorders
University of Florida

2009-2013 **Doctor of Philosophy in Kinesiology**
Area of Study: Biomechanics & Motor Control
University of Illinois at Urbana Champaign

2009-2011 **Master of Science in Statistics**
University of Illinois at Urbana-Champaign

2006-2008 **Master of Science in Kinesiology**
Area of Study: Motor Control
University of Illinois at Urbana-Champaign

2000-2004 **Bachelor of Science in Biomedical Engineering**
Minor: Business Administration
University of Tennessee at Knoxville



PROFESSIONAL EXPERIENCE

2018-present **Assistant Professor (tenure-track)**, College of Health Solutions
Faculty Mentor of Banner Honors College
Affiliate Faculty, Center for Innovation in Healthy and Resilient Aging
Affiliate Faculty, School of Biological and Health System Engineering
Faculty Fellow, Center for Health Information & Research
Member of Auditory and Language Neuroscience Program
Member of Exercise and Nutrition Sciences Program
Associate Faculty, ASU-Banner Neurodegenerative Disease Research Center
Arizona State University, Phoenix, AZ

2022-present **Affiliate Research Professional,** Mayo Clinic, Scottsdale, AZ

2020-2021 **Lead Research Analyst 56 FW HPT**, Cobalt Health, Litchfield Park, AZ

2016-2018 **Research Assistant Professor (non-tenure track),** Department of Applied Physiology & Kinesiology
Member of Laboratory of Rehabilitation Neuroscience
Investigator 1Florida Alzheimer's Disease Research Center
University of Florida, Gainesville, FL

FUNDING

The National Institutes of Health (NIH) definitions for investigator roles on each grant are listed below. Multiple Principal Investigator (MPI) is the term used by NIH for Principal Investigators (PIs) using a team science approach; each MPI is responsible for duties equivalent to a single PI on the elements of the research in their discipline. Consortium PI refers to serving in the lead role on a subaward and includes overseeing a scope of work that is required for successful completion of the overall project aims. Co-Investigator (Co-I) assists the PI with the scientific development or execution of the project. Other Support is no direct salary support, but resources (training, mentoring, research-related, and professional development) are provided.

Table 1. Awarded Projects during ASU

Role	# of Grants		Total Amount Awarded	
	External	Internal	External	Internal
PI/MPI	1	5	30K	61.6K
Consortium-PI	2	0	286K	0K
Co-I	3	2	7.2M	36K
Other Support (Resource/In-Kind)	3	0		
Total	9	7	7.5M	97.6K

Awarded External Funded as PI/MPI:

Title: Linking Autism, Cholinergic System Dysfunction, and Alzheimer's Biomarkers in Predicting Early-Onset Dementia
Sponsor: Arizona Alzheimer's Consortium
PI: Edward Ofori
Total Award Value: $30,000
Performance Period: 2/1/2024 – 8/1/2025
[X] Formulated Concept [X] Aims [X] Research Plan [X] Resources [X] Supporting Documents

Awarded Internal Funded as PI/MPI:

Title: Racial and Ethnic Disparities in Sepsis-Related Outcomes and the Impact of the SEP-1 Bundled Payment on Long-Term Outcomes in Arizona
Sponsor: CHS Center for Health Information and Research (CHiR) Pilot Grant (ASU)
PI: Edward Ofori
Total Award Value: $28,800
Performance Period: 9/1/2023 – 3/31/2025
[X] Formulated Concept [X] Aims [X] Research Plan [X] Resources [X] Supporting Documents

Title: Distinct visuomotor markers for preclinical Alzheimer's disease
Sponsor: Edson College of Nursing
PI: Edward Ofori
Total Award Value: $25,000
Performance Period: 9/1/2021 – 8/31/2024
[X] Formulated Concept [X] Aims [X] Research Plan [X] Resources [X] Supporting Documents

Title: Examining Cognitive Capacity and Oxygen Cost in adults with Charcot-Marie Tooth
Sponsor: Institute for Social Science Research

PI: Edward Ofori
Total Award Value: $7,814
Performance Period: 5/1/2021 – 4/30/2022
[X] Formulated Concept [X] Aims [X] Research Plan [X] Resources [X] Supporting Documents

Awarded External Funded as Co-I / Consortium-PI:

Title: Identifying Targets for Fall-prevention Rehabilitation in People with Parkinson's Disease
Sponsor: HHS: National Institutes of Health -National Institute of Aging (1R01AG086533)
PI: Daniel Peterson
Ofori's Role: Co-Investigator (Co-I)
Total Award Value: $3,362,930
Performance Period: 9/1/2024 – 6/30/2029
[ ] Formulated Concept [X] Aims [X] Research Plan [X] Resources [X] Supporting Documents

Title: The Aging Autistic Brain: Multi-modal imaging to predict accelerated memory decline
Sponsor: HHS: National Institutes of Health -National Institute of Aging (1R01MH132746)
PI: B. Blair Braden
Ofori's Role: Co-Investigator (Co-I)
Total Award Value: $3,757,422
Performance Period: 12//2023 – 11/30/2028
[ ] Formulated Concept [X] Aims [X] Research Plan [X] Resources [X] Supporting Documents

Title: Arizona Alzheimer's Consortium (AAC) FY23 Match
Project Title: Advanced metabolic and diffusion neuroimaging in apoE4 carriers
Sponsor: Arizona Department of Health Services (ADHS)-Arizona Alzheimer's Consortium (CTR057001)
PI: David Coon
Ofori's Role: Co-Investigator (Co-I)/Project Leader
Total Award Value: $50,000
Performance Period: 07/1/2022 – 9/30/2023
[X] Formulated Concept [X] Aims [X] Research Plan [X] Resources [X] Supporting Documents

Title: Don't Let the Sweet Taste Fool You: A look at the relationship between sweet taste bud receptors and gut health in African Americans
Sponsor: HHS: National Institutes of Health-Office of Data Science Strategy (AIM-AHEAD Coordinating Center)
PI: Tammi Taylor
Ofori's Role: Consortium PI
Total Award Value: $245,998.21
Performance Period: 10/1/2024 – 9/31/2025
[X] Formulated Concept [X] Aims [X] Research Plan [X] Resources [X] Supporting Documents

'Title: Enhancing cognitive function in breast cancer survivors through a community-based aerobic exercise training program
Sponsor: HHS: National Institutes of Health -National Cancer Institute (5R37CA252060)
PI: Diane Ehlers
Ofori's Role: Consortium PI
Total Award Value: $40,206
Performance Period: 8/22/2023 – 7/31/2027
[ ] Formulated Concept [X] Aims [X] Research Plan [X] Resources [X] Supporting Documents

Awarded Internal Funded as Co-I or Consortium-PI:

Title: The Impact of Dopamine on Attention in Parkinson's Disease
Sponsor: College of Health Solutions, Jump Start
PI: Daniel Peterson
Ofori's Role: Co-Investigator
Total Award Value: $18,000
Performance Period: 4/1/2020 – 5/30/2022
[ ] Formulated Concept [X] Aims [ ] Research Plan [ ] Resources [ ] Supporting Documents

Title: Targeting fatty acid metabolism in Alzheimer's disease: A special interest in Lauric acid
Sponsor: College of Health Solutions, Jump Start
PI: Heiwei Gu
Ofori's Role: Co-Investigator
Total Award Value: $17,999
Performance Period: 4/1/2020 – 5/30/2022
[ ] Formulated Concept [X] Aims [ ] Research Plan [ ] Resources [ ] Supporting Documents

Awarded External Funded as In-Kind/Fellowships/Resource Supporting

Title: REC Scholar Program
Sponsor: Arizona Alzheimer's Disease Research Center (ADRC), P30AG072980
PI: Jessica Langbaum
Role: Co-Investigator (REC Scholar)
Dates: 2024–2026
Support Type: Internal Pilot / Resource Support
Effort: 0.00 calendar months
Funds Received: ~$30,000 (pilot or discretionary funds for independent research)
Summary: Competitive scholar program awarded through the ADRC's Research Education Component (REC) Core. Provided non-salary pilot research support to advance independent work in Alzheimer's disease and related disorders. Although no formal effort was allocated, recipient accessed ADRC resources and received funds as a scholar affiliate.

Title: ASU RegenMed Beckman Scholar Program
Sponsor: Arnold and Mabel Beckman Foundation
Role: Mentor
Dates: 2024–2026
Support Type: Mentoring
Effort: 0.00 calendar months
Summary: Competitive. The whole program will support approximately 14 universities and colleges, for an anticipated total of 84 undergraduate students over the three-year period. Award stipends will allow low income students, who might otherwise have to work, the opportunity to gain research experience and we hope to target underrepresented minorities with this award, which is not requisite but in alignment with the BSP call from the foundation.

[ ] Formulated Concept [ ] Aims [X] Research Plan [X] Resources [X] Supporting Documents

Title: Intergenerational Community-Driven Training in Alzheimer's Disease Research: An AI+X Approach
Sponsor: HHS: National Institutes of Health -National Institute of Aging (1T32AG082658-01A1)
MPI: Judith Klein, Baoxin, Li, Ramon Velazquez, Teresa Wu (CONTACT)
Role: Mentor
Dates: 2024–2029

Support Type: Resource Support
Effort: 0.00 calendar months
Funds Received:

Table 2. Pending Projects during employment at ASU

Role	# of Grants		Total Submitted	
	External	Internal	External	Internal
PI/MPI	3	0	8.1M	0K
Consortium PI	0	0	0K	0K
Co-I	3	0	10.2M	0K
Key Personnel/In-Kind/Support Activities	1	0	32.9M	0K
Total	7	0	51.3M	0K

Pending Projects as PI/MPI/Co-I

Title: Gait-related predictors of cognitive decline in people with PD
Sponsor: HHS: National Institutes of Health -National Institute of Aging
MPI: Edward Ofori (Contact), Daniel Peterson
Percentile: *28%*
Funding Proposed: $3,757,422
Proposed Period: 7/2/2025 – 7/1/2030
[X] Formulated Concept [X] Aims [X] Research Plan [X] Resources [X] Supporting Documents

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Title: Mapping Midbrain Neurovascular-Neurodegenerative Pathways in Preclinical Alzheimer's Disease
Sponsor: HHS: National Institutes of Health -National Institute of Aging
PI: Edward Ofori
Percentile: N/A
Funding Proposed: $3,871,654
Performance Period: 12/2/2025 – 12/1/2030
[X] Formulated Concept [X] Aims [X] Research Plan [X] Resources [X] Supporting Documents

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Title: Novel Movmement-Based Biomarkers in Mixed Vascular and Neurodegenerative Pathology
Sponsor: HHS: National Institutes of Health
PI: Edward Ofori
Percentile: N/A
Funding Proposed: $431,750
Performance Period: 12/2/2025 – 11/30/2027
[X] Formulated Concept [X] Aims [X] Research Plan [X] Resources [X] Supporting Documents

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Title: Functional relevance and neurophysiological underpinnings of reactive balance in people with multiple sclerosis
Sponsor: HHS: National Institutes of Health
PI: Daniel Peterson
Ofori's Role: Co-Investigator

Percentile: N/A
Funding Proposed: $3,932,350
Proposed Period: 12/1/2025 – 11/30/2030
[ ] Formulated Concept [X] Aims [X] Research Plan [X] Resources [X] Supporting Documents

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Title: Neurodegeneration in adult autism: a multi-modal biomarker investigation of Alzheimer and Parkinson diseases
Sponsor: HHS: National Institutes of Health
PI: B. Blair Braden
Percentile: N/A
Ofori's Role: Co-Investigator
Funding Proposed: $3,167,272
Proposed Period: 12/1/2025 – 11/30/2030
[ ] Formulated Concept [ ] Aims [X] Research Plan [X] Resources [X] Supporting Documents

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Title: On the move: Motor-based biomarkers of dementia using the MindCrowd Mobile Lab
Sponsor: HHS: National Institutes of Health
PI: Sydney Schaefer
Percentile: N/A
Ofori's Role: Co-Investigator
Funding Proposed: $3,167,272
Proposed Period: 12/1/2025 – 11/30/2030
[ ] Formulated Concept [X] Aims [X] Research Plan [X] Resources [X] Supporting Documents

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Title: Targetome-driven interventions to PROSPR
Sponsor: HHS: National Institutes of Health (ARPA-H)
PI: Judith Klein-Seetharaman
Ofori's Role: Co-Investigator
Percentile: N/A
Funding Proposed: $32,900,790
Proposed Period: 12/1/2025 – 11/30/2030
[ ] Formulated Concept [ ] Aims [X] Research Plan [X] Resources [X] Supporting Documents

Declined Funding Across as PI/MPI/Co-I

Table 3. Not Awarded Projects during employment at ASU

Role	# of Grants		Total Sought	
	External	Internal	External	Internal
PI/MPI	5	0	10.3M	0K
Co-I	4	0	8.6M	0K
Key Personnel/In-Kind/Support Activities	2	0	6.1M	0K
Total	11	0	25.2M	0K

Title: Predicting Neurocognitive Health in At-Risk Populations
Sponsor: DOD-ARMY: Army Medical Research Acquisition Activity (USAMRAA)
PI: Edward Ofori
Department: College of Health Solutions (CHS)
Funding Proposed: $999,972

Title: CAREER: Multimodal Feedback in Motor Control: Cognitive Mechanisms of Adaptation
Sponsor: National Science Foundation (NSF)
PI: Edward Ofori
Department: College of Health Solutions (CHS)
Funding Proposed: $635,042

Title: Motor Reserve Markers of Preclinical Alzheimer's Disease
Sponsor: HHS: National Institutes of Health (NIH)
PI: Edward Ofori
Department: College of Health Solutions (CHS)
Funding Proposed: $3,649,132

Title: Genetic and Neuroimaging Markers of Adolescent and Adult Cannabis Users
Sponsor: HHS: National Institutes of Health (NIH)
PI: Edward Ofori
Department: College of Health Solutions (CHS)
Funding Proposed: $2,288,563

Title: Markers of Preclinical Alzheimer's Disease Progression
Sponsor: HHS: National Institutes of Health (NIH)
PI: Edward Ofori
Department: College of Health Solutions (CHS)
Funding Proposed: $2,782,970

Title: Investigating a Novel, Modifiable Risk Factor for HIV-Associated Dementia in Uganda
Sponsor: HHS: National Institutes of Health (NIH)
PI: Chad Stecher
Ofori Role: Co-Investigator
Department: College of Health Solutions (CHS)
Funding Proposed: $411,020

Title: Decoding Neuroimmune States in the Living Brain with Sparse Representation Learning – Resubmission
Sponsor: HHS: National Institutes of Health (NIH)
PI: Benjamin Bartelle
Ofori Role: Co-Investigator
Department: Bioengineering, Harrington Department of Engineering, Ira A. Fulton Schools of Engineering (IAFSE-BHSE)
Funding Proposed: $589,728

Title: Delineating the Link between Alzheimer's and Autism: Multi-Level Genomic, Brain, and Cognitive Markers
Sponsor: HHS: National Institutes of Health (NIH)
PI: Brittany Braden

Ofori Role: Co-Investigator
Department: College of Health Solutions (CHS)
Funding Proposed: $3,869,217

Title: Combining Novel MRI Biomarkers to Predict Accelerated Cognitive Decline in Older Adults
Sponsor: HHS: National Institutes of Health (NIH)
PI: Brittany Braden
Ofori Role: Co-Investigator
Department: College of Health Solutions (CHS)
Funding Proposed: $3,786,339

Title: Precision Medicine in Alzheimer's Disease: A SMART Trial of Adaptive Exercises and Cognitive Outcomes
Sponsor: HHS: National Institutes of Health (NIH)
PI: Fang Yu
Ofori Role: Key Personnel (In-Kind)
Department: Edson College of Nursing and Health Innovation (EDSON)
Funding Proposed: $4,736,021

Title: Training Program in Clinical-Behavioral Data Sciences
Sponsor: HHS: National Institutes of Health (NIH)
PI: Deborah Helitzer
Ofori Role: In-Kind (Key Personnel)
Department: College of Health Solutions (CHS)
Funding Proposed: $1,415,153

Table 4. Funding Projects before employment at ASU

Role	# of Grants		Total Sought	
	External	Internal	External	Internal
PI/MPI	1	1	473K	60K
Co-I	1	0	1875K	0K
Key Personnel/In-Kind/Support Activities	1	0	7362K	0K
Total	3	1	9710K	0K

Prior to ASU Appointment

4) Title: *Free-water imaging of the temporal lobe along the Alzheimer's disease continuum*
Role: Principal Investigator
Sponsor: Clinical and Translational Science Institute, University of Florida
Funding Proposed: $60,000
Status: Funded, Declined (August 2018)
Progress:
[X] Formulated Concept [X] Aims [X] Research Plan [X] Resources [X] Supporting Documents

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3) Title: *Free-water Imaging of Subtypes along the Alzheimer's Disease Continuum*
Role: Principal Investigator
Sponsor: National Institute on Aging (NIH)

Funding Proposed: $473,840
Status: Not Funded, Submitted June 2017 (Scored 39)2
Progress:
[X] Formulated Concept [X] Aims [X] Research Plan [ ] Resources [X] Supporting Documents

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2) Title: *Role of the Cortex and Cerebellum in Visually-Guided Motor Behavior* **Role:** Postdoctoral Position/Co-Investigator (PI: D. Vaillancourt)

Sponsor: National Institute of Neurological Disorders and Stroke (NIH)
Funding Proposed: $1,875,000
Status: Funded Renewal (2015–2020, Completed)
Progress:
N/A for Postdoctoral Role

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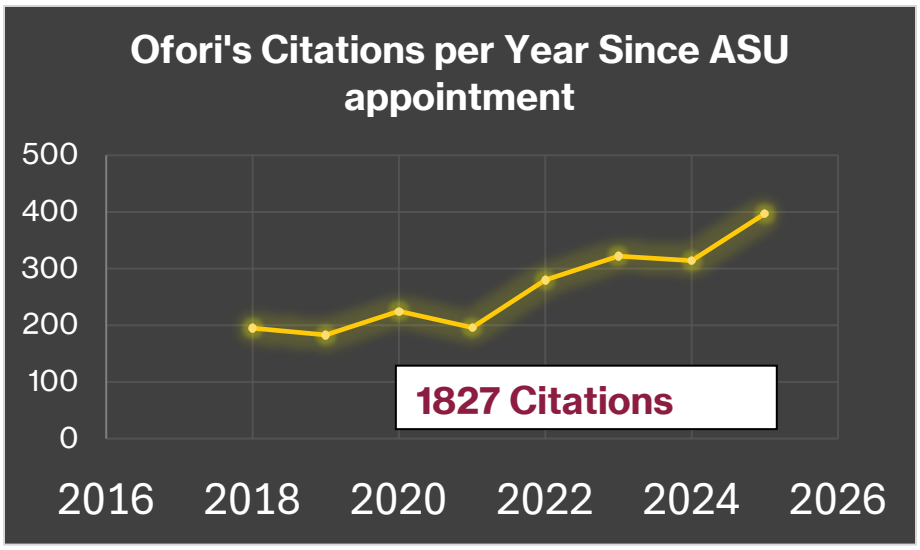
4)Title: *University of Florida–Mt. Sinai Medical Center Alzheimer's Disease Research Center*
Role: Key Personnel (PI: T. Golde)
Sponsor: National Institute on Aging (NIH)
Funding Proposed: $7,362,000
Status: Funded (2015–2020, Completed)
Progress:
N/A for Key Personnel Role

JOURNAL PUBLICATIONS

	Since ASU employment	Prior to ASU employment	Total
First/Co-First/Second Author	7	12	19
Senior Author/Corresponding	6	0	6
Student Mentored Publications	5	2	7
Other	6	13	19
Overall	24	27	**51**



***2025 current and projected.**

Median journal impact factors for fields I most closely associate with include (As of 2025):

- Neuroscience = 4.12
- Medicine= 2.84
- Sport Science/Biomechanics=2.08

- **Ofori Avg Impact Factor= 5.4**
- **Mode Quartile of Pubs= Q1 (82%)**
- **Ofori Relative Citation Ratio: 2.0**
- **Ofori i10-index=31**
- **No. of Publications in top 10% Citation Percentile: 8**

Denotes student authors were a student or trainee working with E. Ofori

Note: Journal rankings within each journal category, current impact factor (IF) and citation count obtained either from Journal Citation Reports (JCR), Google Scholar, SCImago Journal Rankings (SJR) and Scopus CiteScore

Peer-Reviewed Journal Articles (in print or accepted):

[J51] Zanotto, T., Pradeep Kumar, D., Golan, D., Wilken, J., Doniger, G. M., Zarif, M., Bumstead, B., Buhse, M., Weller, J., Morrow, S. A., Penner, I. K., Hancock, L., Covey, T. J., **Ofori, E.**, Peterson, D. S., Motl, R. W., Bogaardt, H., Barrera, M., Bove, R., Karpatkin, H., ... Gudesblatt, M. (2025). Does cognitive performance explain the gap between physiological and perceived fall-risk in people with multiple sclerosis? *Multiple Sclerosis and Related Disorders, 95*, 106322. https://doi.org/10.1016/j.msard.2025.106322
Journal Metrics | IF: 2.912 | SJR: 1.050 (Q1 in Medicine - miscellaneous)| CiteScore 2023: 5.4 (75th percentile) | SNIP: 1.15

[J50] James, D. L., Larkey, L. K., Maxfield, M., Han, S., **Ofori, E.**, Mohr, A. E., Hawley, N. A., Alperin, K., Ahlich, E., Vance, D. E., & Sears, D. D. (2024). Prolonged nightly fasting in older adults with memory decline: A single-group pilot study exploring changes in cognitive function and cardiometabolic risk factors. *Journal of Clinical and Translational Science, 9*(1), e1. https://doi.org/10.1017/cts.2024.676

Journal Metrics| IF: 2.392 | SJR: 0.857 (Q2 in Medicine - miscellaneous)| CiteScore 2023: 3.8 (68th percentile) | SNIP: 0.96

[J49] James, D. L., Mun, C. J., Larkey, L. K., **Ofori, E.**, Hawley, N. A., Alperin, K., Vance, D. E., & Sears, D. D. (2024). Health impacts of a remotely delivered prolonged nightly fasting intervention in stressed adults with memory decline and obesity: A nationwide randomized controlled pilot trial. *Journal of Clinical and Translational Science, 8*(1), e215. https://doi.org/10.1017/cts.2024.651
Journal Metrics | IF: 2.392 | SJR: 2.394 (Q1 in Nutrition and Dietetics)| CiteScore 2023: 10.5 (96th percentile)| SNIP: 3.12

[J48] Oyeyemi, A. L., Araujo, R. H. O., Hassan, U. A., **Ofori, E.**, Stecher, C., & Werneck, A. O. (2024). Secular trends and sociodemographic disparities in physical activity among adults in eleven African countries: WHO STEPS 2003–2020. *International Journal of Behavioral Nutrition and Physical Activity, 21*(1), 126. https://doi.org/10.1186/s12966-024-01675-7
Journal Metrics | IF: 5.916 | SJR: 2.394 (Q1 in Nutrition and Dietetics) | CiteScore 2023: 10.5 (96th percentile) | SNIP: 3.12

[J47] Hooten, M., Ortega, M., Oyeyemi, A., Yu, F**., Ofori, E.** (2024). Investigating the Relationships between Motor Skills, Cognitive Status, and Area Deprivation Index in Arizona: A Pilot Study. *Frontiers in Public Health, 12*. https://doi.org/10.3389/fpubh.2024.1385435
Journal Metrics | IF: 3.7 | SJR: 1.027 (Q1 in Public Health) | CiteScore 2023: 4.8 (70th percentile)| SNIP: 1.25

[J46] Ofori, E., Delgado, F., James, D. L., Wilken, J., Hancock, L. M., Doniger, G. M., Gudesblatt, M. (2024). Impact of distinct cognitive domains on gait variability in individuals with mild cognitive impairment and dementia. *Experimental Brain Research.* Advance online publication. https://doi.org/10.1007/s00221-024-06832-9
Journal Metrics | IF: 1.7 | SJR: 0.637 (Q3 in Neuroscience - miscellaneous) | CiteScore 2023: 2.3 (42nd percentile) | SNIP: 0.65

[J45] Ofori, E., Solis, A., Punjani, N., On behalf of The Alzheimer's Disease Neuroimaging Initiative. (2024). The Association among Hypothalamic Subunits, Gonadotropic and Sex Hormone Plasma Levels in Alzheimer's Disease. *Brain Sciences, 14*(3), 276. https://doi.org/10.3390/brainsci14030276
Journal Metrics | IF (2023): 2.7 | SJR (2024): 0.893(Q2 in Neuroscience - miscellaneous) | CiteScore (2023): 4.8 (58th percentile) | SNIP (2024): 0.98

[J44] Monaghan, A. S., **Ofori, E.**, Fling, B. W., Peterson, D. S. (2024). Associating white matter microstructural integrity and improvements in reactive stepping in people with Parkinson's Disease. *Brain Imaging and Behavior.* Advance online publication. https://doi.org/10.1007/s11682-024-00867-w
Journal Metrics | IF: 3.1 | SJR: 1.032 (Q1 in Behavioral Neuroscience) | CiteScore 2023: 6.2 (71st percentile) | SNIP: 1.07

[J43] Ofori, E., Vaillancourt, D. E., Greig-Custo, M. T., Barker, W., Hanson, K., DeKosky, S. T., Garvan, C. S., Adjouadi, M., Golde, T., Loewenstein, D. A., Stecher, C., Fowers, R., Duara, R. (2024). Free-water imaging reveals unique brain microstructural deficits in Hispanic individuals with dementia. *Brain Imaging and Behavior, 18*(1), 106–116. https://doi.org/10.1007/s11682-023-00819-w
Journal Metrics | IF: 3.1 | SJR: 1.032 (Q1 in Behavioral Neuroscience) | CiteScore 2023: 6.2 (71st percentile) | SNIP: 1.07

[J42] James, D. L., Hawley, N. A., Mohr, A. E., Hermer, J., **Ofori, E.**, Yu, F., Sears, D. D. (2024). Impact of Intermittent Fasting and/or Caloric Restriction on Aging-Related Outcomes in Adults: A Scoping Review of Randomized Controlled Trials. *Nutrients, 16*(2), 316. https://doi.org/10.3390/nu16020316
Journal Metrics | IF: 5.7 | SJR: 1.473 (Q1 in Nutrition and Dietetics) | CiteScore 2023: 7.3 (79th percentile) | SNIP: 1.61

[J41] Ofori, E., Wiesman, A., Wang, X., Kurz, M. (2023). Editorial: Neuroimaging of non-motor deficits in movement disorders. *Frontiers in Human Neuroscience, 17*, 1203527. https://doi.org/10.3389/fnhum.2023.1203527
Journal Metrics | IF: 3.2| SJR: 0.904 (Q2 in Behavioral Neuroscience) | CiteScore 2023: 4.7 (73rd percentile) | SNIP: 0.905

[J40] Zhang, Y., Tartaglia, M. C., Zhan, W., **Ofori, E.** (2023). Editorial: Neuroimaging in Parkinson's disease and Parkinsonism. *Frontiers in Neurology, 14*, 1153682. https://doi.org/10.3389/fneur.2023.1153682
Journal Metrics | IF: 3.2| SJR: 0.993 (Q2 in Neurology-clinical) | CiteScore 2023: 4.9 (62nd percentile) | SNIP: 0.957

[J39] Walsh, M. J. M., **Ofori, E.**, Pagni, B. A., Chen, K., Sullivan, G., Braden, B. B. (2022). Preliminary findings of accelerated visual memory decline and baseline brain correlates in middle-age and older adults with autism: The case for hippocampal free-water. *Frontiers in Aging Neuroscience, 14*, 1029166. https://doi.org/10.3389/fnagi.2022.1029166
Journal Metrics | IF: 3.2| SJR: 1.211 (Q2 in Cognitive Neuroscience) | CiteScore 2023: 6.3 (72nd percentile) |

[J38] Pagni, B. A., Walsh, M. J. M., **Ofori, E.**, Chen, K., Sullivan, G., Alvar, J., Monahan, L., Guerithault, N., Delaney, S., Braden, B. B. (2022). Effects of age on the hippocampus and verbal memory in adults with autism spectrum disorder: Longitudinal versus cross-sectional findings. *Autism Research, 15*(10), 1810–1823. https://doi.org/10.1002/aur.2797
Journal Metrics | IF: 4.7 | SJR: 0.93 (Q2 in Neurology (clinical) | CiteScore 2023: 4.8 (79th percentile) | SNIP: 1.135

[J37] Van Liew, C., Gudesblatt, M., Covey, T. J., Wilken, J., Golan, D., Zarif, M., Bumstead, B., Buhse, M., **Ofori, E.**, Peterson, D. S. (2022). The moderating roles of self-efficacy and depression in dual-task walking in multiple sclerosis: A test of self-awareness theory. *Journal of the International Neuropsychological Society, 28*(9), 933–943. https://doi.org/10.1017/S1355617722000200
Journal Metrics | IF: 2.6 | SJR: 1.43 (Q1 in Clinical Psychology) | CiteScore 2023: 7.1 (79th percentile) | SNIP: 0.957

[J36] Zanotto, T., Sosnoff, J. J., **Ofori, E.**, Golan, D., Zarif, M., Bumstead, B., Buhse, M., Kaczmarek, O., Wilken, J., Muratori, L., Covey, T. J., Gudesblatt, M. (2022). Variability of objective gait measures across the expanded disability status scale in people living with multiple sclerosis: A cross-sectional retrospective analysis. *Multiple Sclerosis and Related Disorders, 59*, 103645. https://doi.org/10.1016/j.msard.2022.103645
Journal Metrics | IF: 2.912 | SJR: 1.050 (Q1 in Medicine - miscellaneous)| CiteScore 2023: 5.4 (75th percentile) | SNIP: 1.15

[J35] Roman, G., Peterson, D. S., **Ofori, E.**, Vidt, M. E. (2022). Upper extremity biomechanics in native and non-native signers. *Work: A Journal of Prevention, Assessment & Rehabilitation, 70*(4), 1111–1119. https://doi.org/10.3233/WOR-213622

[J34] Peterson, D. S., Moore, A., **Ofori, E.** (2021). Performance fatigability during gait in adults with Charcot-Marie-Tooth disease. *Gait & Posture, 85*, 232–237. https://doi.org/10.1016/j.gaitpost.2021.02.002
Journal Metrics| IF: 2.7 | JCR Rank/Quartile: 19/130 (Q1 in Rehabilitation)| Prominence Percentile: 93rd

[J33] Roman, G., Peterson, D. S., **Ofori, E.**, Vidt, M. E. (2020). The Modified Strain Index: A Composite Measure of Injury Risk for Signers. *Journal of Motor Behavior, 52*(5), 517–526. https://doi.org/10.1080/00222895.2020.1806778
Journal Metrics| IF: 1.3 | JCR Rank/Quartile: 119/262 (Q3) in Orthopedics & Sports Medicine

[J32] Febo, M., Perez, P. D., Ceballos-Diaz, C., Colon-Perez, L. M., Zeng, H., **Ofori, E.**, Golde, T. E., Vaillancourt, D. E., Chakrabarty, P. (2020). Diffusion magnetic resonance imaging-derived free water detects neurodegenerative pattern induced by interferon-γ. *Brain Structure and Function, 225*(1), 427–439. https:/doi.org/10.1007/s00429-019-02017-1
Journal Metrics | IF: 3.7 | JCR Rank/Quartile: 33/146 (Q1) in Neuroscience | Prominence Percentile: 98th

[J31] Colon-Perez, L. M., Ibanez, K. R., Suarez, M., Torroella, K., Acuna, K., **Ofori, E.**, Levites, Y., Vaillancourt, D. E., Golde, T. E., Chakrabarty, P., Febo, M. (2019). Neurite orientation dispersion and density imaging reveals white matter and hippocampal microstructure changes produced by Interleukin-6 in TgCRND8 mouse model of amyloidosis. *NeuroImage, 202*, 116138. https://doi.org/10.1016/j.neuroimage.2019.116138
Journal Metrics| IF: 7.4 | JCR Rank/Quartile: 5/165 (Q1) in Neurology | Prominence Percentile: 95th

[J30] Ofori, E., DeKosky, S. T., Febo, M., Colon-Perez, L. M., Chakrabarty, P., Duara, R., Adjouadi, M., Golde, T. E., Vaillancourt, D. E. (2019). Free-water imaging of the hippocampus is a sensitive marker of Alzheimer's disease. *NeuroImage: Clinical, 24*, 101985. https://doi.org/10.1016/j.nicl.2019.101985
Journal Metrics| IF: 5.1 | JCR Rank/Quartile: 29/288 (Q1) in Radiology, Nuclear Medicine & Imaging | Prominence Percentile: 97th

[J29] Yang, J., Archer, D. B., Burciu, R. G., Müller, M. L. T. M., Roy, A., **Ofori, E.**, Bohnen, N. I., Albin, R. L., Vaillancourt, D. E. (2019). Multimodal dopaminergic and free-water imaging in Parkinson's disease. *Parkinsonism and Related Disorders, 62*, 10–15. https://doi.org/10.1016/j.parkreldis.2019.01.007
Journal Metrics | IF: 3.9 | JCR Rank/Quartile: 5/66 (Q1) in Cognitive Neuroscience | Prominence Percentile: 92nd

[J28] Chung, J. W., Burciu, R. G., **Ofori, E.**, Coombes, S. A., Christou, E. A., Okun, M. S., Hess, C. W., Vaillancourt, D. E. (2018). Beta-band oscillations in the supplementary motor cortex are modulated by levodopa and associated with functional activity in the basal ganglia. *NeuroImage: Clinical, 19*, 559–571. https://doi.org/10.1016/j.nicl.2018.05.021
Journal Metrics | IF: 5.1 | JCR Rank/Quartile: 32/288 (Q1) in Radiology, Nuclear Medicine & Imaging Prominence Percentile: 96th

Prior to ASU

[J27] Ofori, E., Shim, J., Sosnoff, J. J. (2018). The influence of lower leg configurations on muscle force variability. *Journal of Biomechanics, 71*, 111–118 https://doi.org/10.1016/j.jbiomech.2018.01.032
Journal Metrics | IF: 3.0 | JCR Rank/Quartile: 41/502 (Q2) in Biomedical Engineering Prominence Percentile: 72nd

[J26] Burciu, R. G., **Ofori, E.**, Archer, D. B., Wu, S. S., Pasternak, O., McFarland, N. R., Okun, M. S., Vaillancourt, D. E. (2017). Progression marker of Parkinson's disease: A 4-year multi-site imaging study. *Brain, 140*(8), 2183–2192. https://doi.org/10.1093/brain/awx146
Journal Metrics | IF: 11.8 | JCR Rank/Quartile: 3/383 (Q1) in Clinical Neurology
Prominence Percentile: 96th

[J25] Ofori, E., Krismer, F., Burciu, R. G., Pasternak, O., McCracken, J. L., Lewis, M. M., Du, G., McFarland, N. R., Okun, M. S., Poewe, W., Mueller, C., Gizewski, E. R., Schocke, M., Kremser, C., Li, H., Huang, X., Seppi, K., Vaillancourt, D. E. (2017). Free water improves detection of changes in the substantia nigra in parkinsonism: A multisite study. *Movement Disorders, 32*(10), 1457–1464. https://doi.org/10.1002/mds.27100
Journal Metrics | IF: 7.8 | JCR Rank/Quartile: 9/278 (Q1) in Radiology, Nuclear Medicine and Imaging
Prominence Percentile: 95th

[J24] Burciu, R. G., Hess, C. W., Coombes, S. A., **Ofori, E.**, Shukla, P., Chung, J. W., McFarland, N. R., Wagle Shukla, A., Okun, M. S., Vaillancourt, D. E. (2017). Functional activity of the sensorimotor cortex and cerebellum relates to cervical dystonia symptoms. *Human Brain Mapping, 38*(9), 4563–4573. https://doi.org/10.1002/hbm.23684
Journal Metrics| IF: 5.1| JCR Rank/Quartile: 16/165 (Q1) in Neurosciences
Prominence Percentile: 95th

[J23] Chung, J. W., Burciu, R. G., **Ofori, E.**, Shukla, P., Okun, M. S., Hess, C. W., Vaillancourt, D. E. (2017). Parkinson's disease diffusion MRI is not affected by acute antiparkinsonian medication. *NeuroImage: Clinical, 15*, 417–421. https://doi.org/10.1016/j.nicl.2017.02.012
Journal Metrics | IF: 4.9 | JCR Rank/Quartile: 32/383 (Q1) in Clinical Neurology
Prominence Percentile: 97th

[J22] Misra, G., **Ofori, E.**, Chung, J. W., Coombes, S. A. (2017). Pain-related suppression of beta oscillations facilitate voluntary movement. *Cerebral Cortex, 27*(4), 2592–2606. https://doi.org/10.1093/cercor/bhw061
Journal Metrics | IF: 5.9 | JCR Rank/Quartile: 3/126 (Q1) in Cognitive Neurosciences
Prominence Percentile: 96th

[J21] Chung, J. W., Ofori, E.****, Misra, G., Hess, C. W., Vaillancourt, D. E. (2017). Beta-band activity and connectivity in sensorimotor and parietal cortex are important for accurate motor performance. *NeuroImage, 144*, 164–173. https://doi.org/10.1016/j.neuroimage.2016.10.008
Journal Metrics | IF:7.4| JCR Rank/Quartile: 5/138 (Q1) in Cognitive Neurosciences|
Prominence Percentile: 81st **Co-first authors

[J20] DeSimone, J. C., Febo, M., Shukla, P., **Ofori, E.**, Colon-Perez, L., Li, Y., Vaillancourt, D. E. (2016). In vivo imaging reveals impaired connectivity across cortical and subcortical networks in a mouse model of DYT1 dystonia. *Neurobiology of Disease, 95*, 35–45. https://doi.org/10.1016/j.nbd.2016.07.005
Journal Metrics | IF:5.8 | JCR Rank/Quartile: 14/165 (Q1) in Neurology | Prominence Percentile: 96th

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[J19] Burciu, R. G., Chung, J. W., Shukla, P., **Ofori, E**., Li, H., McFarland, N. R., Okun, M. S., & Vaillancourt, D. E. (2016). Functional MRI of disease progression in Parkinson disease and atypical parkinsonian syndromes. *Neurology*, *87*(7), 709–717. https://doi.org/10.1212/WNL.0000000000002985
Journal Metrics | IF:9.9 | JCR Rank/Quartile: 17/373 (Q1) in Neurology | Prominence Percentile: 87th

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[J18] Kang, N., Christou, E. A., Burciu, R. G., Chung, J. W., DeSimone, J. C., **Ofori, E.,** Ashizawa, T., Subramony, S. H., & Vaillancourt, D. E. (2017). Sensory and motor cortex function contributes to symptom severity in spinocerebellar ataxia type 6. *Brain structure & function*, *222*(2), 1039–1052. https://doi.org/10.1007/s00429-016-1263-4
Journal Metrics | IF:4.1 | JCR Rank/Quartile: 33/136 (Q1) in Neurosciences

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[J17] Burciu, R. G., **Ofori, E**., Shukla, P., Pasternak, O., Chung, J. W., McFarland, N. R., Okun, M. S., & Vaillancourt, D. E. (2016). Free-water and BOLD imaging changes in Parkinson's disease patients chronically treated with a MAO-B inhibitor. *Human brain mapping*, *37*(8), 2894–2903. https://doi.org/10.1002/hbm.23213
Journal Metrics | IF:5.1| JCR Rank/Quartile: 16/165 (Q1) in Neurosciences
Prominence Percentile: 95th

[J16] Planetta, P. J., **Ofori, E.,** Shukla, P., Burciu, R. G., Pasternak, O., Okun, M. S., Vaillancourt, D. E. (2016). Free-water diffusion MRI in Parkinson's disease and atypical Parkinson's disease. *Brain, 139*(2), 495–508. https://doi.org/10.1093/brain/awv361
Journal Metrics | IF:11.8| JCR Rank/Quartile: 2/212 (Q1) in Clinical Neurology
Prominence Percentile: 97th

[J15] Ofori, E., Du, G., Babcock, D., Huang, X., & Vaillancourt, D. E. (2016). Parkinson's disease biomarkers program brain imaging repository. *NeuroImage*, *124*(Pt B), 1120–1124. https://doi.org/10.1016/j.neuroimage.2015.05.005
Journal Metrics | IF:7.4 | JCR Rank/Quartile: 5/165 (Q1) in Neurology | Prominence Percentile: 97th

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[J14] Banerjee, M., Chakraborty, R., **Ofori, E.,** Vaillancourt, D., & Vemuri, B. C. (2015). Nonlinear regression on Riemannian manifolds and its applications to Neuro-image analysis. *Medical image computing and computer-assisted intervention*, *9349*, 719–727. https://doi.org/10.1007/978-3-319-24553-9_88
Journal Metrics | IF:4.7 | JCR Rank/Quartile: 8/6462 (Q1) in Computer Science |
Prominence Percentile: 97th

[J13] Ofori, E., Pasternak, O., Planetta, P. J., Burciu, R. G., Snyder, A. F., Febo, M., Golde, T. E., Okun, M. S., Vaillancourt, D. E. (2015). Increased free-water in the substantia nigra of Parkinson's disease: A single-site and multi-site study. *Neurobiology of Aging, 36*(2), 1097–1104. https://doi.org/10.1016/j.neurobiolaging.2014.10.029
Journal Metrics | IF:5.6| JCR Rank/Quartile: 4/37 (Q1) in Aging | Prominence Percentile: 97th

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[J12] Ofori, E., Coombes, S. A., & Vaillancourt, D. E. (2015). 3D Cortical electrophysiology of ballistic upper limb movement in humans. *NeuroImage*, *115*, 30–41. https://doi.org/10.1016/j.neuroimage.2015.04.043
Journal Metrics | IF:7.4 | JCR Rank/Quartile: 5/165 (Q1) in Cognitive Neuroscience
Prominence Percentile: 82nd

[J11] Ofori, E., Pasternak, O., Planetta, P. J., Li, H., Burciu, R. G., Snyder, A. F., Lai, S., Okun, M. S., & Vaillancourt, D. E. (2015). Longitudinal changes in free-water within the substantia nigra of Parkinson's disease. *Brain : a journal of neurology*, *138*(Pt 8), 2322–2331. https://doi.org/10.1093/brain/awv136
Journal Metrics | IF:12.6 | JCR Rank/Quartile: 3/376 (Q1) in Clinical Neurology
Prominence Percentile: 97th

[J10] Burciu, R. G., **Ofori, E.,** Shukla, P., Planetta, P. J., Snyder, A. F., Li, H., Hass, C. J., Okun, M. S., McFarland, N. R., & Vaillancourt, D. E. (2015). Distinct patterns of brain activity in progressive supranuclear

palsy and Parkinson's disease. *Movement disorders : official journal of the Movement Disorder Society*, *30*(9), 1248–1258. https://doi.org/10.1002/mds.26294
Journal Metrics| IF:6.4 | JCR Rank/Quartile: 46/607 (Q1) in Clinical Neurology
Prominence Percentile: 88th

[J9] Hess, C. W., **Ofori, E.**, Akbar, U., Okun, M. S., Vaillancourt, D. E. (2013). Hess, C. W., Ofori, E., Akbar, U., Okun, M. S., & Vaillancourt, D. E. (2013). The evolving role of diffusion magnetic resonance imaging in movement disorders. *Current neurology and neuroscience reports*, *13*(11), 400. https://doi.org/10.1007/s11910-013-0400-1
Journal Metrics | IF:3.6 | JCR Rank/Quartile: 16/165 (Q2) in Clinical Neurology
Prominence Percentile: 94th

[J8] Ward, A. M., Loucks, T. M., **Ofori, E.**, Sosnoff, J. J. (2013). A direct comparison of short-term audiomotor and visuomotor memory. *Motor Control, 18*(2), 127–145. https://doi.org/10.1123/mc.2012-0092
Journal Metrics | IF:1.7 | JCR Rank/Quartile: 85/125 (Q3) in Sports Science

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[J7]Bronson-Lowe, C. R., Loucks, T. M., **Ofori, E.**, Sosnoff, J. J. (2013). Aging effects on sensorimotor integration: A comparison of effector systems and feedback modalities. *Journal of Motor Behavior, 45*(3), 217–240. https://doi.org/10.1080/00222895.2013.784239
Journal Metrics | IF:1.7 | JCR Rank/Quartile: 55/90 (Q3) in Cognitive Neuroscience

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[J6]Loucks, T. M., **Ofori, E.**, Sosnoff, J. J. (2012). Force control under auditory feedback: Effector differences and auditory memory. *Perceptual and Motor Skills, 114*(3), 915–935. https://doi.org/10.2466/24.25.27.PMS.114.3.915-935
Journal Metrics | IF:0.7 | JCR Rank/Quartile: 117/125 (Q4) in Sports Science

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[J5]Ofori, E., Loucks, T. M. J., Sosnoff, J. J. (2012). Visuomotor and audiomotor processing in continuous force production of oral and manual effectors. *Journal of Motor Behavior, 44*(2), 87–96. https://doi.org/10.1080/00222895.2012.654523
Journal Metrics | IF:2.8| JCR Rank/Quartile: 47/150 (Q2) in Neurosciences|Prominence Percentile: 73rd

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[J4]Ofori, E., Samson, J. M., Sosnoff, J. J. (2010). Age-related differences in force variability and visual display. *Experimental Brain Research, 203*(2), 299–306. https://doi.org/10.1007/s00221-010-2229-z
Journal Metrics | IF:2.8| JCR Rank/Quartile: 47/150 (Q2) in Neurosciences|Prominence Percentile: 73rd

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[J3]Loucks, T. M. J., **Ofori, E.**, Grindrod, C. M., De Nil, L. F., Sosnoff, J. J. (2010). Auditory motor integration in oral and manual effectors. *Journal of Motor Behavior, 42*(4), 233–239. https://doi.org/10.1080/00222895.2010.492723
Journal Metrics | IF:1.7| JCR Rank/Quartile: 60/125 (Q2) in Sports Science | Prominence Percentile: 72nd

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[J2]Heffernan, K. S., Sosnoff, J. J., **Ofori, E.**, Jae, S. Y., Baynard, T., Collier, S. R., Goulopoulou, S., Figueroa, A., Woods, J. A., Pitetti, J. H., Fernhall, B. (2009). Complexity of force output during static exercise with Down Syndrome. *Journal of Applied Physiology, 106*(4), 1227–1233. https://doi.org/10.1152/japplphysiol.90555.2008
Journal Metrics| IF:3.8| JCR Rank/Quartile: 30/103 (Q1) in Physiology

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[J1] Bemis, D. A., Jones, R. D., Hiatt, L. E., **Ofori, E.**, Rohrbach, B. W., Frank, L. A., Kania, S. A. (2006). Comparison of tests to detect oxacillin resistance in *Staphylococcus intermedius*, *Staphylococcus*

schleiferi, and *Staphylococcus aureus* isolates from canine hosts. *Journal of Clinical Microbiology, 44*(9), 3374–3376. https://doi.org/10.1128/JCM.01336-06
Journal Metrics | IF:4.1 | JCR Rank/Quartile: 7/101 (Q1) in Microbiology| Prominence Percentile: 92nd

CONFERENCE ABSTRACTS

2006 (1)

1. Sosnoff, J.J., Jang, J., & **Ofori, E.** (2006, Fall). *The neuromuscular correlates of the structure of force variability*. Society for Neuroscience Annual Meeting, Atlanta, GA. (Peer-Reviewed Abstract)

2007 (1)

2. **Ofori, E.,** & Sosnoff, J.J. (2007, Summer). *Does discrete error impact continuous force production?* North American Society for the Psychology of Sport and Physical Activity National Conference, San Diego, CA. (Peer-Reviewed Abstract)

2008 (3)

3. **Ofori, E.,** & Sosnoff, J.J. (2008, Summer). *The relationship between discrete and continuous force variability*. North American Society for the Psychology of Sport and Physical Activity National Conference, Niagara Falls, ON, Canada. (Peer-Reviewed Abstract)
4. **Ofori, E.,** Heffernan, K.S., Fernhall, B., & Sosnoff, J.J. (2008, Summer). *Force variability and Down syndrome*. North American Society for the Psychology of Sport and Physical Activity National Conference, Niagara Falls, ON, Canada. (Peer-Reviewed Abstract)
5. **Ofori, E.,** Heffernan, K.S., Fernhall, B., & Sosnoff, J.J. (2008, Spring). *Muscular weakness and force variability in individuals with Down syndrome*. American College of Sports Medicine National Conference, Indianapolis, IN. (Peer-Reviewed Abstract)

2009 (3)

6. **Ofori, E.,** Samson, J.M., & Sosnoff, J.J. (2009, Summer). *Visual display and age-related differences in force production*. North American Society for the Psychology of Sport and Physical Activity National Conference, Austin, TX. (Peer-Reviewed Abstract)
7. Sosnoff, J.J., **Ofori, E.,** Knapik, D., Grinrod, C.M., De Nil, L.F., Ambrose, N.G., Carlton, L.G., & Loucks, T.M. (2009, Fall). *Auditory motor memory*. Society for Neuroscience Annual Meeting, Chicago, IL. (Peer-Reviewed Abstract)
8. **Ofori, E.,** Butler, J.M., Serio, S.D., Wessels, K.K., & Sosnoff, J.J. (2009, Fall). *Pain and muscular strength in manual wheelchair users*. Canadian Society for Psychomotor Learning and Sport Psychology National Conference, Toronto, ON, Canada. (Peer-Reviewed Abstract)

2010 (5)

9. **Ofori, E.,** Loucks, T.M.J., Carlton, L.G., & Sosnoff, J.J. (2010, Summer). *Auditory and visual feedback in oral and manual force control*. North American Society for the Psychology of Sport and Physical Activity National Conference, Tucson, AZ. (Peer-Reviewed Abstract)
10. Loucks, T.M.J., **Ofori, E.,** De Nil, L.F., & Sosnoff, J.J. (2010, Summer). *Auditory motor integration for manual and oral effectors*. North American Society for the Psychology of Sport and Physical Activity National Conference, Tucson, AZ. (Peer-Reviewed Abstract)

11. Loucks, T.M.J., **Ofori, E.,** & Sosnoff, J.J. (2010, Summer). *Sensory mechanisms for fine force control*. Integrative Neural Systems Underlying Vital Aerodigestive Tract Functions Conference, Madison, WI. (Peer-Reviewed Abstract)
12. **Ofori, E.,** Davis, J., Lim, J., Kickertz, A., & Carlton, L.G. (2010, Fall). *Coordination of head and eye movements in free-throw shooting*. Canadian Society for Psychomotor Learning and Sport Psychology National Conference, Ottawa, ON, Canada. (Peer-Reviewed Abstract)
13. Kickertz, A., Lim, J., Carlton, M.J., **Ofori, E.,** & Carlton, L.G. (2010, Fall). *Coordination of head and eye movements in free-throw shooting*. Canadian Society for Psychomotor Learning and Sport Psychology National Conference, Ottawa, ON, Canada. (Peer-Reviewed Abstract)

2011 (3)

14. **Ofori, E.,** Shim, J., & Sosnoff, J.J. (2011, Summer). *Angle differences in modeling force variability across multiple muscular contractions of the lower limb*. Progress in Motor Control VIII, Cincinnati, OH. (Peer-Reviewed Abstract)
15. **Ofori, E.,** Bronson-Lowe, C.R., Sosnoff, J.J., & Loucks, T.M.J. (2011, Summer). *Auditory and visual feedback in oral and manual effectors*. Speech Production Workshop, Beckman Institute for Advanced Science and Technology, Urbana, IL. (Peer-Reviewed Abstract)
16. **Ofori, E.,** Shim, J., & Sosnoff, J.J. (2011, Summer). *Tremor and multiple sclerosis*. North American Society for the Psychology of Sport and Physical Activity National Conference, Burlington, VT. (Peer-Reviewed Abstract)

2012 (2)

17. **Ofori, E.,** Bronson-Lowe, C.R., Sosnoff, J.J., & Loucks, T.M.J. (2012, Summer). *Age-related differences in force control under visual and auditory feedback*. North American Society for the Psychology of Sport and Physical Activity National Conference, Honolulu, HI. (Peer-Reviewed Abstract)
18. **Ofori, E.,** Holtrop, J., Bailey, A., Sutton, B., & Loucks, T.M.J. (2012, Summer). *Neural correlates of manual and oral movements in young and older adults*. North American Society for the Psychology of Sport and Physical Activity National Conference, Honolulu, HI. (Peer-Reviewed Abstract)

2013 (2)

19. Bronson-Lowe, C.R., Loucks, T.M.J., & **Ofori, E.** (2013, Summer). *Aging effects on variability of force output in the lip*. Dysphagia Research Society Annual Meeting, Seattle, WA. (Peer-Reviewed Abstract)
20. **Ofori, E**. (2013, Fall). *3D electrocortical activity of upper limb movements: Velocity and distance effects*. 1st Annual Motor Neuroscience Summit, Urbana-Champaign, IL. (Peer-Reviewed Abstract)

2014 (3)

21. **Ofori, E.,** Pasternak, O., Planetta, P.J., Burciu, R.G., Snyder, A.F., Febo, M., Golde, T.E., Okun, M.S., & Vaillancourt, D.E. (2014, Summer). *Increased extracellular free-water in the substantia nigra of Parkinson's disease*. Society for Neuroscience Annual Meeting, Washington, D.C. (Peer-Reviewed Abstract)
22. Burciu, R.G., Shukla, P., **Ofori, E.,** Snyder, A.F., Planetta, P.J., Hass, C.W., Okun, M.S., McFarland, N.R., & Vaillancourt, D.E. (2014, Summer). *Bimanual dexterity and gait related to functional and structural brain differences between progressive supranuclear palsy and Parkinson's disease*. Society for Neuroscience Annual Meeting, Washington, D.C. (Peer-Reviewed Abstract)

23. Misra, G., **Ofori, E**., Chung, J., & Coombes, S.A. (2014, Summer). *High-density electroencephalography (EEG) correlates of pain-related changes in upper limb movements*. Society for Neuroscience Annual Meeting, Washington, D.C. (Peer-Reviewed Abstract)

2015 (3)

24. Burciu, R.G., Chung, J.W., Shukla, P., **Ofori, E.,** McFarland, N.R., Okun, M.S., & Vaillancourt, D.E. (2015, Summer). *Longitudinal changes in basal ganglia and cortex using task-based fMRI in early Parkinson's disease*. Society for Neuroscience Annual Meeting, Chicago, IL. (Peer-Reviewed Abstract)
25. Burciu, R.G., **Ofori, E.,** Shukla, P., Chung, J.W., McFarland, N.R., Okun, M.S., & Vaillancourt, D.E. (2015, Summer). *In vivo nigrostriatal changes associated with MAO-B inhibitor therapy in Parkinson's disease*. Society for Neuroscience Annual Meeting, Chicago, IL. (Peer-Reviewed Abstract)
26. Chung, J.W., **Ofori, E.,** & Vaillancourt, D.E. (2015, Spring). *Visual gain reduces movement error by enhancing beta-band desynchronization in the sensorimotor cortex*. Neural Control of Movement Conference, Charleston, SC. (Peer-Reviewed Abstract)

2016 (4)

27. Burciu, R.G., Shukla, P., **Ofori, E.,** Chung, J.W., McFarland, N.R., Okun, M.S., & Vaillancourt, D.E. (2016, Summer). *Functional and free-water diffusion MR imaging following a single low dose of trihexyphenidyl in patients with cervical dystonia*. Society for Neuroscience Annual Meeting, San Diego, CA. (Peer-Reviewed Abstract)
28. Burciu, R.G., **Ofori, E.,** Shukla, P., Pasternak, O., Chung, J.W., DeSimone, J.C., Hess, C.W., McFarland, N.R., Wagle Shukla, A., Okun, M.S., & Vaillancourt, D.E. (2016, Summer). *Motor-related brain changes associated with acute administration of trihexyphenidyl in patients with cervical dystonia*. 20th International Congress of Parkinson's Disease and Movement Disorders (MDS), Berlin, Germany. (Peer-Reviewed Abstract)
29. **Ofori, E.,** Chung, J.W., Burciu, R.G., Shukla, P., Okun, M.S., Hess, C.W., & Vaillancourt, D.E. (2016, Fall). *A nonlinear regression technique for manifold-valued data with applications to medical image analysis*. Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition (CVPR), Las Vegas, NV. (Peer-Reviewed Abstract)
30. Burciu, R.G., **Ofori, E.,** Archer, D.B., Wu, S.S., Pasternak, O., Okun, M.S., & Vaillancourt, D.E. (2016, Fall). *In-vivo free-water imaging and functional connectivity in a knock-in mouse model of DYT1 dystonia*. Movement Disorders Congress, Berlin, Germany. (Peer-Reviewed Abstract)

2017 (5)

31. Chung, J.W., Burciu, R.G., **Ofori, E**., Shukla, P., Okun, M.S., Hess, C.W., & Vaillancourt, D.E. (2017, Summer). *Movement-related beta-band desynchronization in supplementary motor area is reduced by anti-parkinsonian medication and relates to the velocity of upper limb movement in Parkinson's disease*. Society for Neuroscience Annual Meeting, Washington, D.C. (Peer-Reviewed Abstract)
32. Vaillancourt, D.E., Burciu, R.G., **Ofori, E.,** Archer, D.B., Wu, S.S., Pasternak, O., & Okun, M.S. (2017, Summer). *Applications of free-water diffusion MR imaging to parkinsonism*. National Institute of Neurological Disorders and Stroke – Parkinson's Disease Biomarker Program Annual Meeting, Bethesda, MD. (Peer-Reviewed Abstract)
33. Chung, J.W., Burciu, R.G., **Ofori, E.,** Okun, M.S., Hess, C.W., & Vaillancourt, D.E. (2017, Summer). *Desynchronization in the supplementary motor area is reduced by dopaminergic medication and relates to the velocity of upper limb movement in Parkinson's disease*. Progress in Motor Control XI, Miami, FL. (Peer-Reviewed Abstract)

34. Burciu, R.G., **Ofori, E.,** Archer, D.B., Wu, S.S., Pasternak, O., Okun, M.S., & Vaillancourt, D.E. (2017, Summer). *An imaging progression marker for Parkinson's disease: A 4-year multicentre longitudinal study of substantia nigra free-water*. International Society for Magnetic Resonance in Medicine Annual Meeting, Honolulu, HI. (Peer-Reviewed Abstract)
35. Chung, J.W., Burciu, R.G., **Ofori, E.,** Shukla, P., Okun, M.S., Hess, C.W., & Vaillancourt, D.E. (2017, Summer). *Parkinson's disease diffusion MRI is not affected by acute antiparkinsonian medication*. D.K. Stanley Research Symposium, Gainesville, FL. (Peer-Reviewed Abstract)

2018 (1)

36. Burciu, R.G., **Ofori, E.,** Shukla, P., Pasternak, O., Okun, M.S., & Vaillancourt, D.E. (2018, Fall). *Long-term outcomes with rescue target deep brain stimulation in patients with dystonia*. Movement Disorders Congress, Hong Kong. (Peer-Reviewed Abstract)

Since ASU Appointment

37. **Ofori, E.,** Alvar, J., Elms, N.E., Walsh, M., Pagni, B., & Braden, B.B. (2019, Fall). *Free-water analysis of the hippocampal complex in aging adults with autism spectrum disorder*. Arizona Alzheimer's Consortium Conference, Tucson, AZ. (Peer-Reviewed Abstract)
38. **Ofori, E.,** Elms, N.E., & Braden, B.B. (2019, Fall). *Free-water in the hippocampal-striatal axis is altered in older individuals with ASD*. Autism Spectrum Disorder Mini-Conference, Phoenix, AZ. (Peer-Reviewed Abstract)

2020 (2)

39. Van Liew, C., Gudesblatt, M., Srinivasan, J., Kaczmarek, O., Golan, D., Doniger, G., Wilken, J., **Ofori, E.,** & Peterson, D.S. (2020, Fall). *Cognitive domains and dual task-walking in persons with multiple sclerosis*. 10th International Symposium on Gait & Balance in Multiple Sclerosis, Virtual. (Peer-Reviewed Abstract)
40. **Ofori, E.** (2020, Summer). *Neuroimaging in motor control*. North American Society for the Psychology of Sport and Physical Activity National Conference, Virtual. (Peer-Reviewed Presentation Abstract)

2021 (8)

41. **Ofori, E.,** James, D., & Kaczmarek, O., Gudesblatt, M. (2021, Fall). *Moderators of dual task gait effects in mild cognitive impairment and dementia*. Gerontological Society of America Annual Scientific Meeting, Phoenix, AZ. (Peer-Reviewed Abstract)
42. Pagni, B., Walsh, M., **Ofori, E.,** Chen, K., Sullivan, G., Alvar, J., Monahan, L., Guerithault, N., Delaney, S., & Braden, B.B. (2021, Fall). *Middle-age and older adults with autism experience accelerated declines in verbal short-term memory and hippocampal volume*. Arizona Alzheimer's Consortium Conference, Tucson, AZ. (Peer-Reviewed Abstract)
43. **Ofori, E.,** Foster, J., & Gassaway, J. (2021, Fall). *Specific psychological skills used during training in student pilots*. Aerospace Medical Association's 91st Annual Scientific Meeting, Reno, NV. (Peer-Reviewed Abstract)
44. **Ofori, E.,** Foster, J., & Gassaway, J. (2021, Fall). *Perceptual-cognitive training improves motor coordination in student pilots*. Aerospace Medical Association's 91st Annual Scientific Meeting, Reno, NV. (Peer-Reviewed Abstract)

45. Chayrez, S.E., Sarellis, S.D., Hook, J.P., Scott, R.M., & **Ofori, E.** (2021, Fall). *Prevention and treatment of musculoskeletal injury: An emphasis on near-term readiness and long-term resilience*. Military Health System Research Symposium, Orlando, FL. (Canceled due to COVID-19). (Peer-Reviewed Abstract)
46. Rosenfeld, Y., Kaczmarek, O., Chee, J., Bumstead, B., Zarif, M., Anand, B., **Ofori, E.,** & Gudesblatt, M. (2021, Fall). *Dementia, fall risk, and routine clinical care: Opportunities to enhance care by incorporation of examiner-independent analytics—Computerized cognitive evaluation and quantified digital gait analysis including dual tasking*. Alzheimer's Association International Conference, Denver, CO. (Peer-Reviewed Abstract)
47. Delgado, F., Kaczmarek, O., Trebing, S., Myassar, Z., Gudesblatt, M., & **Ofori, E.** (2021, Fall). *Exploratory cross-sectional mediation analysis of the dual-task effect of cognition on gait in individuals with memory loss*. Alzheimer's Association International Conference, Denver, CO. (Peer-Reviewed Abstract)
48. Ofori, M., Gudesblatt, M., Srinivasan, J., Kaczmarek, O., & **Ofori, E.** (2021, Spring). *Specific cognitive domains and temporal parameters may indicate severity in individuals with memory loss*. American Academy of Neurology Virtual Annual Meeting. (Peer-Reviewed Abstract)

2022 (2)

49. Alvar, J., **Ofori, E.,** Elms, N.E., Walsh, M., Pagni, B., & Braden, B.B. (2022, Spring). *Free-water analysis of the hippocampal complex in aging adults with autism spectrum disorder*. Arizona Alzheimer's Consortium Conference, Tucson, AZ. (Peer-Reviewed Abstract)
50. **Ofori, E.,** Pagni, B., Alvar, J., Walsh, M., & Braden, B.B. (2022, Fall). *Predicting accelerated visual memory decline in middle-age and older adults with ASD with multimodal MRI: The case for hippocampal system free-water*. International Society for Autism Research, Austin, TX. (Peer-Reviewed Abstract)

2023 (6)

51. Galindo, M.V., Valdez, M., **Ofori, E.,** Peterson, D., Rodi., A., Braden, B.B. (2023, Fall). *Gray matter characteristics of motor brain regions in aging autistic adults versus neurotypical controls*. Annual Biomedical Research Conference for Minoritized Scientists, Phoenix, AZ. (Peer-Reviewed Abstract)
52. **Ofori, E.,** Ortega, M., Sun, S., Hooten, M., Moore, A., Solis, A. (2023, Fall). *Neurometric determinants of gait variability: The influence of visuospatial processing and neurochemical signatures in basal ganglia*. Society for Neuroscience Annual Meeting, Washington, D.C. (Conference Presentation)
53. **Ofori, E.** (2023, Summer). *Examining the relationship between white matter integrity and reactive stepping,* International Society of Posture and Gait Research World Congress, Brisbane, Australia, Virtual. (Peer-Reviewed Abstract)
54. **Ofori E,** Hooten M, Ortega M, **Barajas J**, James D. Identifying Markers of Neurodegeneration for Motoric Cognitive Risk Syndrome. Gerontological Society of America, Tampa, Florida, USA. November 2023.
55. Solis A., Barajas, J, **Ofori E.,** Reproductive Hormone Levels and Brain-based Markers of Neurodegeneration in Alzheimer's disease, Arizona Alzheimer's Consortium (AAC) Annual MeetingSeptember 2023, Tempe, AZ
56. Stephens, S., **Ofori, E.** (2023, October). *Ethnic differences in dementia revealed by multimodal imaging*. Beyond Flexner Conference, Virtual. (Accepted). (Peer-Reviewed Abstract)

2024 (5)

57. **Ofori, E.** (2024, Spring). *Advanced diffusion MRI techniques reveal brain imaging differences between African-Americans and Caucasians with Alzheimer's disease*. Black Men's Brain Health Conference, Virtual. (Peer-Reviewed Abstract)
58. **Ofori, E.,** Ortega, M., Doherty, A., Bartelle, B., & Wicklund, M. (2024, Fall). *Choline and myo-inositol in the basal ganglia: Spectroscopic insights into their role in motor function and influence on supplementary motor area connectivity*. Society for Neuroscience Annual Meeting, Chicago, IL. (Peer-Reviewed Abstract)
59. Galindo, M.V., Valdez, M., **Ofori, E.,** Peterson, D., Rodi, A., Braden, B.B., (2024, Fall). *Parkinson's-linked brain features in aging autistic adults*. International Society for Autism Research, Virtual. (Peer-Reviewed Abstract)
60. Barajas, J., **Ofori, E.** (2024, Fall). *The relationship between dual-task gait parameters and dopaminergic function in Parkinson's disease: Insights from the Parkinson's Progression Marker Initiative*. Society for Neuroscience Annual Meeting, Chicago, IL. (Peer-Reviewed Abstract)
61. Ringenbach, S. D. R., Parab, S., Santos, J. M., Gunther, B., Stupka, J. M., Kreul, T. G., Vecellio, A., Coray, C., Asa, N., Ringenbach, S. B., Vi, T. L., Ahmed, M., Ahmed, S., Ali, A., Kennedy, C. E., Jaslow, J., & **Ofori, E**. (2024, Fall). *Cognitive functions improve following assisted cycle therapy (ACT) in children with Down syndrome*. North American Society for the Psychology of Sport and Physical Activity National Conference, Virtual. (Peer-Reviewed Abstract)

2025 (2)

62. Oyeyemi, A. L., Araujo, R. H. O., Hassan, U. A., **Ofori, E.**, Stecher, C., & Werneck, A. O. (2025, Spring). *Secular trends and sociodemographic disparities in physical activity among adults in eleven African countries: WHO STEPS 2003–2020*. Advancing Behavior Change Science Conference, Virtual. (Accepted). (Peer-Reviewed Abstract)
63. Hareesh, P., Prentiss, I., Hakhu, S**., Ofori, E.,** Schaefer, S., Baxter, L. C., Zhou, Y., Hu, L. S., & Schilling, K. G., Beeman, S. (2025, Spring). *Towards a comparative study of diffusion MRI models for fiber tracking through region of edema*. International Society for Magnetic Resonance in Medicine Annual Meeting, Toronto, Canada. (Submitted). (Peer-Reviewed Abstract)

INSTRUCTION EXCELLENCE

Courses:

* Denotes the development of a new course or significant revision of existing course

Instructor, KIN 412/512: Biomechanics of the Skeletal System (Undergraduate/Graduate) Arizona State University, Phoenix AZ

Significantly revised and updated previous content and instructed a upper level kinesiology course which is one of the required courses in BS in kinesiology. The revisions involved transferring content to Canvas and involving more student engagement opportunities during COVID-19 pandemic using slido.com The purpose of this course is to introduce students to the mechanical principles that determine how the musculoskeletal system functions. A major increase in my course in my ratings involved another significant course redesign. I created labs to supplement the course with hands-on use of technology and movement analytic skills. The course covers the mechanical properties of different biological materials (e.g., bone, ligaments, tendons, cartilage, and muscle) and quantitative and qualitative analyses of the mechanics at major joints of the body. Topics include: Anthropometrics, Training Mechanics, Articular Cartilage Biomechanics, Muscle and Gait Biomechanics. The graduate component attracts students from SBHSE where they complete a specialized topic or complex analyses. A few topics have been ACL Reconstruction Impact on joint reaction force or Smooth Muscle Biomechanics

Semester	Total Students(Grad Students)	% Received	Student Engagement	Course Organization	Instructor Enthusiasm/Availability	Course Demands	Overall Instructor Effectiveness
Fall 2018	36 (1)	83%	4.6 ± 0.62	4.3 ± 0.66	4.7 ± 0.75	4.3 ± 0.84	3.6 ± 0.96
Spring 2019	35 (3)	77%	4.3 ± 1.01	4.0 ± 1.02	4.3 ± 0.94	4.1 ± 1.05	4.1 ± 1.02
Fall 2019	39 (6)	54%	4.4 ± 0.73	3.8 ± 1.06	4.4 ± 0.84	4.1 ± 0.97	3.5 ± 1.10
Spring 2020**	35 (0)	71%	4.5 ± 0.76	3.6 ± 1.28	4.3 ± 0.83	3.8 ± 1.27	3.4 ± 1.32
Fall 2020**	48 (3)	60%	3.9 ± 1.10	3.1 ± 1.38	3.7 ± 1.10	3.9 ± 1.06	3.3 ± 1.31
Spring 2021	30 (0)	59%	4.8 ± 0.42	4.5 ± 0.78	4.5 ± 0.78	4.4 ± 0.77	4.3 ± 0.89
Spring 2022	37 (0)	86%	4.6 ± 0.56	4.2 ± 0.82	4.3 ± 0.76	4.2± 0.73	3.9± 0.93
Summer 2022	19 (1)	21%	4.3 ± 0.83	4.5± 0.50	4.5± 0.50	4.8± 0.43	4.0± 0.71
Spring 2023	26 (0)	38%	4.3 ± 0.60	4.5± 0.67	4.6± 0.80	4.4 ± 1.02	4.5± 0.81
Spring 2024	21 (0)	29%	4.8 ± 0.37	4.3± 1.11	4.7± 0.75	4.5 ± 1.12	4.5± 0.75
Spring 2025	30(0)						
Averages	37 (4)	67%	4.4 ± 0.25	4.1 ± 0.43	4.4 ± 0.23	4.2 ±0.28	3.9 ± 0.42

Scores range from Low (1) to Very High (5)

Instructor, KIN 540*: Sports Biomechanics (Graduate) Arizona State University, Phoenix AZ

This is a newly developed course a part of the Masters in Strength & Conditioning Program. The Course uses Qualitative and quantitative analyses of selected sports performance and human movements to help reduce injury risk and maximize performance. Some of the learning outcomes involve: Describe fundamental concepts related to motion, center of gravity, and levers, Understand the mechanical principles involved in sport specific activities, such as running, throwing, lifting, and catching. Critically analyze research articles related to sports biomechanics, Identify measurement and technology use for specific sports movements & developing hierarchical models for sports movements and the parameters that may needed to test for optimal performance. The course also is approved for Masters students in SBHSE. Fall 2022 for accreditation purposes, material was mandated that was vastly different from the aspects designed in Fall 2021.

Semester	Total Students	% Received	Student Engagement	Course Organization	Instructor Enthusiasm/Availability	Course Demands	Overall Instructor Effectiveness
Fall 2021	15	87%	4.8 ± 0.36	4.5 ± 0.75	4.8 ± 0.42	4.5 ± 0.63	4.5± 0.75
Fall 2022	15	53%	4.1 ± 0.61	3.1± 1.17	4.3 ± 0.66	3.5± 1.12	3.0± 1.02
Averages	15	70%	4.5 ± 0.43	3.8 ± 0.96	4.6 ± 0.54	4.0 ± 0.87	3.8 ± 0.88

Scores range from Low (1) to Very High (5)

Instructor, HCD 300: Biostatistics (Undergraduate) Arizona State University, Phoenix AZ

Biostatistics and its use in health and health services research. Familiarizes students with statistical concepts and methods to analyze and interpret data and conceptually addresses statistical theory. Introduces Excel software to manage data and perform statistical tests.

Semester	Total Students	% Received	Student Engagement	Course Organization	Instructor Enthusiasm/Availability	Course Demands	Overall Instructor Effectiveness
Fall 2021	34	27%	4.7 ± 0.67	4.6 ± 0.68	4.8 ± 0.63	4.6 ± 0.50	4.7± 0.67
Fall 2023	54	27%	4.7 ± 0.79	4.7 ± 0.87	4.7 ± 0.44	4.3 ± 1.01	4.5± 1.09
Fall 2024	31	67%	4.9 ± 0.35	4.8 ± 0.43	4.6 ± 0.65	4.5 ± 0.59	4.8 ± 0.53
Averages	40	40%	4.8± 0.60	4.7± 0.43	4.7± 0.70	4.5± 0.70	4.7± 0.76

Scores range from Low (1) to Very High (5)

Instructor, HCD 501*: Biostatistics (Graduate)/Population Health Data Management and Analysis Arizona State University, Phoenix AZ

Provides an understanding of the statistical tools and principles of research design and methods in health behavior research in health environments. Encompasses an overview of quantitative, qualitative and mixed designs and focuses on the interpretation and communication of health behavior research through published reports and presentations. Students leverage analytic techniques with Pivot Tables, Power Query, Excel, and Google Colab.

Semester	Total Students	% Received	Student Engagement	Course Organization	Instructor Enthusiasm/Availability	Course Demands	Overall Instructor Effectiveness
Fall 2022	10	40%	4.5 ± 0.87	4.5 ± 0.87	4.5 ± 0.87	4.5 ± 0.50	4.5± 0.87
Spring 2023	50	34%	4.1 ± 1.13	4.4 ± 1.03	4.1 ± 1.06	4.4 ± 0.90	3.9 ± 1.26
Fall 2023	55	56%	4.2± 1.04	4.1 ± 1.01	4.2 ± 1.04	4.2± 0.79	3.9 ± 1.13
Spring 2024	48	41%	4.1± 1.02	4.0± 1.05	4.2± 0.98	4.2± 0.96	3.8 ± 1.18
Fall 2024	44	61%	4.6 ± 0.55	4.5 ± 0.63	4.6 ± 0.55	4.5 ± 0.63	4.3± 0.90
Spring 2025	53	38%	4.7 ± 0.57	4.3 ± 1.18	4.4± 0.91	4.4 ± 0.65	4.3± 1.13
Averages	43	45%	4.4 ± 0.86	4.30 ± 0.96	4.3 ± 0.90	4.4 ± 0.74	4.1 ± 1.08

Scores range from Low (1) to Very High (5)

Supplemental Instructional Activities (Topic)	College Level	Location	Role	Times Administered
MSNS I: Bone	G	UA Med Program	Lead	5
MSNS II: Muscle, Tendon & Ligament	G	UA Med Program	Lead	5
BME 565: MRI Fundamentals (Diffusion MRI)	G	ASU SBHSE	Guest	4
SHS 542: Applied Research Methods in Auditory & Language Neuroscience (Diffusion & Task fMRI)	G	ASU ALN Program	Guest	4
KIN 101: Introduction to Kinesiology (Biomechanics)	UG	ASU CHS	Guest	9

MENTORING EXCELLENCE

Summary of Mentoring

Ofori's Mentoring Role			
Level	Chair/Director	Committee	Total
Undergraduate	15	14	29
Masters	11	6	17
Doctorate	1	7	8
Total	27	27	54

Doctoral Dissertations (8)54

Year	Student	Program	Role
exp. 2026	**Jordan Barajas**	PhD Exercise & Nutrition Sciences	**Chair**
exp 2028	**Shuyi Zhu**	PhD Neuroscience	Committee
2024	**Elizabeth Keeling**	PhD Neuroscience	Committee
2025	**Mohammad Abbasi**	PhD Biomedical Engineering	Committee
2023	**Andrew Monaghan**	PhD Exercise & Nutrition Sciences	Committee
2023	**Ferdinand Delgado**	PhD Exercise & Nutrition Sciences	Committee
2021	**Charles Van Liew**	PhD Exercise & Nutrition Sciences	Committee
2018	**Gretchen Roman**	PhD Exercise & Nutrition Sciences	Committee

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Master's Theses – Chair (9)

Year	Student	Program	Role
exp. 2025	**Carter Kosiak**	MS Biomedical Engineering	**Chair**
Exp. 2026	**Caide Bayouth**	MS Auditory & Language Neuroscience	**Chair**
2023	**Leslie Feldman**	MS Auditory & Language Neuroscience	**Chair**
2023	**Dakota Hohenwalter**	MS Exercise & Wellness	**Chair**
2022	**McKenzie Walsh**	MS Exercise & Wellness	**Chair**
2022	**Eric Andrade**	MS Auditory & Language Neuroscience	**Chair**
2022	**Madeline Hooten**	MS Auditory & Language Neuroscience	**Chair**
2021	**Jade Terry**	MS Auditory & Language Neuroscience	**Chair**
2020	**Sofoklis D. Sarellis**	MS Exercise & Wellness	**Chair**

Master's Theses – Committee Member (6)

Year	Student	Program
Exp 2026	**Mikeshia Carter**	Biology (San Francisco State)
2021	**Joel Horn**	MS Exercise & Wellness
2020	**Jordan Barajas**	MS Exercise & Wellness
2020	**Jose Rivera**	MS Biomedical Engineering
2020	**Ahmad Basiri**	MS Biomedical Engineering
2019	**Alexander J. Stark**	MS Exercise & Wellness

Applied Master's Project – Chair (2)

Year	Student	Project Title	Program
2020	**Clayton Banister**	"The Association between Occupation and Alzheimer's Disease"	MS Exercise & Wellness
2025	**Prakriti Budhathoki**	"Exploring the Impact of Area Deprivation Index (ADI), Cognitive Decline, and Falls on Mobility in Older Adults"	MS Bioinformatics

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Undergraduate / Barrett Honors Theses – Director (13)

Year	Student	Major
Exp 2027	**Stockton Ringenbach**	Kinesiology
Exp Sp2027	**Maeli Rush**	Neuroscience
exp. S2026	**Emily Phan**	Neuroscience
exp. F2025	**Marcus Ortega**	Chemistry
Spr2025	**Diya Balachandran**	Neuroscience
Spr2025	**Talon Hebert**	Biomedical Sciences
Su2023	**Anamaria Solis**	Social Work (UTEP)
Spr2023	**Emily Hawkinson**	Psychology
Spr2023	**Noelle Stellmaker**	Biomedical Sciences
Spr2023	**Elizabeth Cave**	Business Data Analytics
Spr2022	**Joshua Malone**	Medical Studies
Spr2022	**Sydney Stephens**	Medical Studies
Spr2021	**Santana Solomon**	Medical Studies

Undergraduate Research / Thesis Committee Member (14, ASU)

Year	Student	Major
Exp 2026	**Kendall Christiansen**	Psychology
2025	**Molly Bissa**	Kinesiology

Year	Student	Major
2025	**Andrew Kraemer**	Kinesiology
2023	**Bryn Gunther**	Kinesiology
2023	**Melony Valdez**	Speech and Hearing Science
2023	**Tea McCormack**	Biomedical Engineering
2023	**Sujan Parab**	Kinesiology
2023	**Justin Leonard**	Kinesiology
2021	**Georgia Sullivan**	Biomedical Engineering
2021	**Rebecca Sturm**	Kinesiology
2020	**Ezekiel Mendoza**	Kinesiology
2020	**Nicole Oberbillig**	Kinesiology
2020	**Jocelyn Alvar**	Speech & Hearing Science
2019	**Randall Arroyo**	Kinesiology

Chair Prior to ASU (2): **Johanna McCracken** (2016) and **Leah Mulholland** (2017) – Applied Physiology & Kinesiology, University of Florida. |

Committee Prior to ASU (9): 1 at UF and 8 at UIUC, All Undergraduate

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Additional Trainees (High-School, Undergraduate, Graduate, Post-Doctoral & Research Assistants)

Min Gao; Narendiran Raghu; Julia Philips; Akua Fordjour; Nicole Elms, BS; Heeren Parekh; Brianna Kubic; Larz Storwell; John Bravo, MD; Dara James, PhD; Franklin Kwanoh; Maryam Musse; Keyla Baeza; Anthony Insalaco; Jayasurya Mahendran, MS; Max Ofori, MD; Michaela Mitchell; Jessica Lynn; Christopher Gonzales; Derek Archer, PhD; Brianna Paiewonsky, BS; Abigail Hatcher, BS, Sarah Hovey, Christine Bilauca, BS, Laura McDaniel, Ezra Johnson, Vendela Galasinao, Rachel Rawlings, Ajay Buch, Narendiran Raghu,

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Leadership & Community Mentoring Roles

- **PAIR-UP Imaging Team** – Co-Lead (2023 – present)
- **AAAFSA** (African & African American Faculty & Staff Association) – Peer Lead (2022 – present)
- **Pretty Smart Girls** – Faculty Advisor (2019 – present)

SERVICE, OUTREACH, AND PROFESSIONAL DEVELOPMENT

Journal Editorial Boards:

1. Frontiers in Neurology-Guest Associate Editor for Neuroimaging in Parkinson's Disease and Parkinsonism,2019-2023

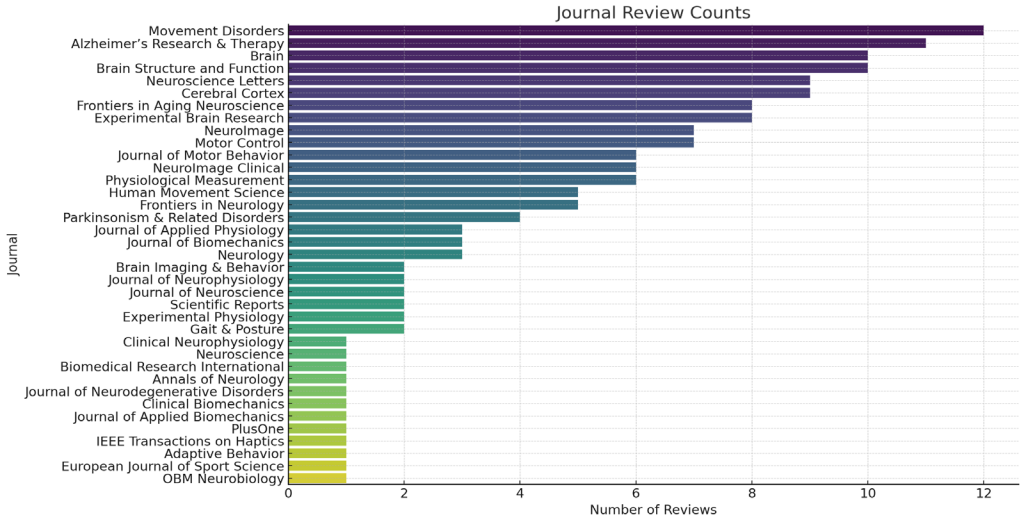
2. Frontiers in Neurology-Guest Associate Editor for Neuroimaging in of Non-Motor Deficits in Movement Disorders,2021-2023

3. Associate Editor in Brain Imaging and Stimulation, Frontiers in Human Neuroscience, 2020-present

4. Associate Editor in Movement Disorders, Frontiers in Neurology, 2018-present

5. Editorial Board, Brain Sciences, 2024-present

Selected Ad-Hoc Journal Reviewer (2010-present) **(Total articles: 150+)**



NIH Study-Section & Grant-Review Service

Year (s)	NIH Panel / Study Section	Role
2024	Cognitive, Behavioral & Digital Applications (CDBA), CSR	Ad-hoc Reviewer
2024	Musculoskeletal Function & Rehabilitation (MFSR), CSR	Ad-hoc Reviewer
2023 – 2024	ZRG1 F01B-M (20) Fellowship Panel – Learning, Memory, Language, Communication & Related Neuroscience, CSR	Reviewer
2022	ZRG1 BDCN-S PAR Panel – Current Topics in Alzheimer's Disease & Related Dementias, CSR	Reviewer
2022	ZRG1 BDCN-W PAR Panel – Understanding Alzheimer's Disease-2, CSR	Reviewer

Year (s)	NIH Panel / Study Section	Role
2020	Clinical Neuroscience & Neurodegeneration (CNN) Study Section – CSR Early-Career Reviewer Program	Early-Career Reviewer

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Professional Service – External to ASU

Year(s)	Organization / Role	Scope & Contribution
2018 – present	**NIH Division of Loan Repayment – LRP Ambassador**	Serve as institutional liaison: identify eligible applicants, disseminate program information, and support successful submissions to NIH Loan Repayment Programs.
2024-present	**Black Biomechanics Association**	Serve as the mentoring coordinator, coordinate collaborations with International Women in Biomechanics and Latinx in Biomechanics. Founding member of the Empowerment in Motion Mentoring Program
2023-present	**Gerontological Society for Aging**	Abstract Review for National Conference

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University Service – Arizona State University

Year(s)	Committee / Activity	Role / Contribution
2024 – 25	ASU LIFT Summit	Attendee
2024	Inclusive Excellence Workshop & Social Hour	Participant
2024	Student-Success & Population-Health Trivia Night	Participant
2024	Advisor Workshop for Pretty Smart Girls	Presenter
2023	Health-Services Research Faculty Search	Committee Member
2023	Neurorehabilitation Faculty Search	Committee Member
2021	Achievement Rewards for College Scientists (ARCS) Faculty Review Committee	Reviewed 6–8 graduate fellowship applications (Phoenix Chapter)
2021	ASU Enterprise Marketing Hub – *Lead Role of Professor*	Featured in campus-wide recruitment campaign promoting COVID-19 protocols

Year(s)	Committee / Activity	Role / Contribution
2020 – 21	Banner-ASU Neuroscience Scholars Reviewer – Track 1	Reviewed trainee applications (basic & translational neuroscience)
ongoing	ASU PT Club – Research Panel	Speaker & mentor for pre-PT students
2022 – present	AAAFSA (African & African-American Faculty & Staff Association)	Peer-Mentoring Group – Faculty Mentor; sub-committee work on equity & community engagement
2022 – 2024	ASU Mentor Network	Faculty Mentor – provide career guidance to students & alumni
2020	Black African Coalition – Faculty Contact	Video commentary for Black History Month, highlighting social justice issues

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Community Engagement & Outreach

Year	Event	Contribution
2024	HPEN "Welcome to America" Refugee Event	Volunteer – health screenings
2024	"Our Brother's Keeper" Conference (Mayo Clinic)	Conference Set-up Assist
2024	Diversifying Political Engagement Webinar	Panelist
2022 – 24	St. Mary's Food Distribution, Adelante West	Recurring volunteer
2022	Juneteenth Festival	Health-education booth
2022-2024	Mystery Reader – Local Elementary School	Guest Reader

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Inclusion Excellence Activities

- Implicit Bias & Micro-aggressions Workshop (2024) – Office of Culture & Inclusion
- Indigenous Research Conference (2022) – Participant & Poster Judge
- DEI Research Summit (2023) – Break-out Leader

Continuing Education / Professional Development

Year	Workshop / Conference / Training	Hours
2024	Brain Imaging Data Processing & Statistical Analysis (2-session series)	4 h
2024	NIH Blueprint for Neuroscience Research: *Addressing Neuroimaging Challenges Across Populations & Settings*	3h
2024	*Billion Dollar Graphics* with Mike Parkinson	1 h
2024	Inaugural Simons–Emory Symposium on Motor Control	2 h
2024	ASU *Community of Care* Training for Employees	–
2024	*Diversity & Recruitment for Search Committees* (ASU)	8h
2024	CHS Innovation Talks – *Discoveries & New Directions* (Spring & Fall)	4 h
2023	NIH BRAIN Ethics Workshop	8 h
2023	*SciLine* Networking Reception (AAAS)	1 h
2023	*Dementia Consensus Conference*	5 h
2023	BRAINS Peer-Coaching Circle (6-month series)	12 h
2022	ASU VITA Workshop	2 h
2022	Indigenous Research Conference	8 h
2018	NIH Regional Seminar (Peer Review & Grants Administration)	16 h
2018	*Script Writing for Informative Videos*	1 h
2018	*R Introduction for ASU's High-Performance Computing Cluster*	1 h

Documented professional-development hours: **24 h (2022) • 31 h (2023) • 42 h (2024)**

INVITED TALKS

1. *3D Electrocortical Activity of Upper Limb Movements: Velocity and Distance Effects.* 1st Annual Motor Neuroscience Summit, University of Florida, Gainesville, USA. Nov 22, 2013.
2. *Free-water imaging in Aging, Parkinson's Disease, and Alzheimer's Disease.* Kinesiology and Community Health Colloquium series, University of Illinois at Urbana-Champaign, Urbana, IL, April 28, 2017.

Since ASU Appointment (14) *denotes outside of the State of Arizona

3. **Reflections from Pre-College Programs at Tennessee.* Engineering Diversity Programs 45th Anniversary, UTK Tickle College, University of Tennessee at Knoxville, Knoxville, TN November 3, 2019
4. **Diffusion Imaging Applications in Alzheimer's Disease*. Alumni Speaker Series, University of Tennessee at Knoxville, Knoxville, TN November 3, 2019
5. Multimodal Imaging in Neurodegenerative Disease, CHS Research Day 2019, Arizona State University, Phoenix, AZ February 14, 2019
6. Multimodal Imaging for early detection of decline in Alzheimer's Disease, Coffee and Cognition Seminar, Tempe, AZ April 3, 2019
7. Multimodal imaging for neurodegenerative disorders, BME Seminar, SBSHE, Tempe, AZ, February 7, 2020
8. *Diffusion MRI in Neurodegenerative diseases, Rocky Mountain MRI Mash-UP, Virtual , June 24, 2020
9. *NASPSPA Symposium "Neuroimaging in Motor ControL"
10. Improving Cognitive Capacity and. Movement & Preventing Neurodegeneration, Community Education Presentation, Sun Health, Surprise, AZ September 25, 2020
11. *Multicultural Engineering Program Talk Session, Office of Diversity Programs, University of Tennessee, Knoxville, March 29, 2021 (Virtual Talk)
12. "Parkinson's, Motor Disorders & the Community", ASU TRiP Talk, April, 2021
13. Ofori, E. (2023, Fall). *Neural signatures to motor sequences: Diagnosing Alzheimer's and Parkinson's disease*. Arizona State University Behavioral Neuroscience and Comparative Psychology Seminar Series, Tempe, AZ. (Seminar Talk)
14. **Coaches Corner: Coaching insights for biomechanical and cognitive performance*. American Society for Biomechanics Annual Meeting,Madison, WI
15. **Innovations in cerebellar research: From molecular mechanisms to behavioral outcomes*. Winter Conference on Brain Research, Breckenridge, CO. (Accepted). (Conference Presentation)
16. **Diffusion imaging applications in Alzheimer's disease*. Alumni Speaker Series, Knoxville, TN

HONORS/AWARDS/RECOGNITION/CERTIFICATES

Prior to ASU Appointment

1. Departmental Engineering Scholarship, The University of Tennessee at Knoxville (2000-2002)
2. African-American Achiever's Scholarship, The University of Tennessee at Knoxville (2000-2004)
3. Ronald E McNair Summer Fellowship, The University of Tennessee at Knoxville (2004)
4. Named 10 times to the incomplete list of teachers ranked excellent by students 2006-2012. Student course evaluations from students normally range from 4.4 to 4.9 out of 5.0 (University of Illinois).
5. National Instruments Certified LabView Associated Developer (2010-2012)
6. Travel Award, Progress in Motor Control, International Society of Motor Control (2011)
7. McKnight Brain Institute Fellow, The University of Florida (2014-2015)
8. BJ & Eve Wilder Fellowship in Alzheimer's Disease, The University of Florida (2015-2016)
9. UCLA Advanced Neuroimaging Training Program Fellowship, The University of California at Los Angeles (2016)
10. 1Florida Alzheimer's Disease Research Center Fellow (2016-2017)

Since ASU Appointment

11. NIH Loan Repayment Program Award (2018-2020)
12. NIA Butler-Williams Scholar Recipient (2019)
13. NIH Early Career Reviewer program, Center for Scientific Review (2020)
14. BRAINS Fellows Cohort (Fall 2022)
15. PAIR-UP Black Imaging Scientist Awardee 2023
16. Arizona ADRC REC Scholar (Summer 2023)

PROFESSIONAL MEMBERSHIPS

National Society for Black Engineers (2000-2005)

1. Biomedical Engineering Society-UTK Chapter (2003-2005)
2. North American Society for the Psychology of Sport and Physical Activity (2006-2011)
3. LabVIEW Advanced Virtual Architects
4. American College of Sports Medicine (2007-2010)
5. International Society of Motor Control (2011-2013)
6. Canadian Society for Psychomotor Learning and Sports Psychology (2007, 2009, 2010)
7. Aerospace Medical Association (2020-2022)
8. Neural Control for Movement (2015-2017)
9. Society for Neuroscience (2014-2016, 2022-present)
10. American Academy of Neurology(2019-present)
11. Gerontological Society Association (2021-present)
12. American Society for Biomechanics (2023-present)