

CURRICULUM VITAE

Name: Scott Ortiz Burkhart, Psy.D.

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Date Updated: September 12th, 2022

Current Employment:

- 4/2022-Present **Children's Health – Andrews Institute**
Sports Medicine and Orthopaedic Surgery
Position: Senior Program Director Sports Neuropsychology
Responsibilities: Directly oversee and manage the sports neuropsychology program including clinic, research, and fellowship.
- 8/2017-4/2022 **Children's Health – Andrews Institute**
Pediatric Sports Concussion Clinic
Position: Concussion Program Director/Licensed Neuropsychologist
Responsibilities: Provide diagnosis, treatment, and management of pediatric sports concussion injuries to children ages 4-22.
- 3/2018-Present **Burkhart Consulting, LLC**
Clinical Consultation Services
Position: Owner
Responsibilities: Provide clinical consultation services including concussion, sports psychology, and mental performance training.

Current Appointed Positions:

- 2019-Present **University of Texas Health, Houston TX**
Department of Public Health
Position: Adjunct Faculty
Responsibilities: Collaborate on research and provide clinical input on relevant research.

- 2018-Present **University of Texas Southwestern, Dallas TX**
Department of Psychiatry
Position: Adjunct Faculty
Responsibilities: Collaborate on research and provide clinical supervision to UTSW Neuropsychology Fellows and Interns.
- 2013-Present **University of West Florida, Pensacola FL**
Athletics, Sports Medicine Department
Position: Consulting Neuropsychologist
Responsibilities: Provide concussion assessment, treatment, and management services for all University of West Florida Athletes.
- Education:***
- 2011-2013 **University of Pittsburgh Medical Center, Pittsburgh PA**
UPMC Sports Concussion Program
Department of Orthopedic Surgery and Sports Medicine
Position: Neuropsychology Fellow
Experience: Pediatric Neuropsychology, Adult Neuropsychology, mTBI, Concussion, Forensic Neuropsychology.
Supervisors: Michael W. Collins Ph.D., Jamie Pardini, Ph.D., Vanessa Fazio, Ph.D., Eric W. Johnson, Psy.D., Nathan Kegel, Ph.D., & Jonathan French, Psy.D.
- 2010-2011 **Tewksbury Hospital, Tewksbury MA**
Position: Clinical Psychology Intern
Experience: Adult Neuropsychology (Traumatic Brain Injury, Huntington’s Disease [HD], & Organic Brain Injury); Health Psychology/Primary Care (Co-morbid Medical/Psychological Diagnoses including HIV, COPD, Eating Disorders, Anxiety Disorders, Trauma/PTSD, Severe Mental Illness & Geropsychology); Substance Abuse (Co-morbid Substance Abuse/Psychological Disorders).
Groups: Cognitive Rehabilitation, Substance Abuse, HD Support
Supervisors: Tanya Pospisil, Ph.D., Paul A. Spiers, Ph.D., Harvey Pinsky, Ph.D., & Bette Ippolito Ph.D.
- 2006-2011 **George Fox University, Newberg, OR, Clinical Psychology**
School of Behavioral Health and Sciences
Degrees Completed: M.A. Counseling, Completed 2008, Psy.D. Clinical Psychology, Completed 2011.
Doctoral Dissertation: “Using Short-Term Memory Measures to Assess Long-Term Memory in Early-Stage Alzheimer’s Disease”
Dissertation Chair: Wayne V. Adams Ph.D., ABPP/CL

2000-2004 **George Fox University, Newberg, OR, Psychology**
Undergraduate Department of Psychology
Degrees Completed: B.S. Psychology, Completed 2004
Academic Advisor: Chris Koch, Ph.D.

Clinical Experience:

2013-2020 **Florida State University, Tallahassee FL**
Athletics, Sports Medicine Department
Position: Consulting Neuropsychologist
Responsibilities: Provide concussion assessment, treatment, and management services for all Florida State University Athletes. Provide on-field and acute sideline concussion assessment for the Florida State University Football team.

2013-2017 **Tallahassee Orthopedic Clinic (TOC), Tallahassee FL**
TOC Regional Concussion Center
Position: Clinical Director/Licensed Neuropsychologist
Responsibilities: Provide concussion education, treatment, management, and prevention to professional, amateur, and student-athletes throughout the Tallahassee area and southeast region. Concussion treatment and management for a non-athlete population between the ages of 4-70. Neuropsychological assessment and management as part of a multi-disciplinary team with an emphasis on chronic pain management.

2009-2010 **Childpeace Montessori School, Portland, OR**
Position: Academic Assessment Consultant
Experience: Psychological Assessment (K-12 student evaluations including ADHD, Learning Disabilities, & Behavioral Disorders)
Supervisor: Lane DeWan, Psy.D.

2009-2010 **Providence Medical Clinic, Sherwood, OR**
Position: Interdisciplinary Behavioral Health Practicum Student
Experience: Primary Care Individual Therapy (Adult and Child diagnoses including Anxiety & Depression Disorders, Trauma/PTSD, Substance Abuse, Chronic Pain, COPD, Obesity, Diabetes Management, ADHD, & Child Behavioral Disorders) Individual Assessment (ADHD, & Learning Disabilities)
Groups: Pediatric Healthy Eating
Supervisor: Mary Peterson, Ph.D.

2008-2010 **Providence Medical Center, Newberg, OR**
Position: Interdisciplinary Behavioral Health Consultant

Experience: Emergency Room Risk Assessment Consultant (Risk Assessments including Severe Mental Illness, Substance Abuse, Suicidal Behavior, Homicidal Behavior, Trauma, & Chronic Pain)
Supervisors: Mary Peterson, Ph.D., Joel Gregor, Psy.D., William Buhrow, Psy.D., & Sarah Hopkins, Psy.D.

2008-2009

Roseburg Veterans Affairs Hospital, Eugene, OR

Position: Psychology Practicum Student

Experience: Individual Therapy (Adult diagnoses including Trauma/PTSD, Anxiety & Depression Disorders, HIV, Substance Abuse, Physical Disabilities, & Couples Counseling) Individual Assessment (Neuropsychological assessment including TBI, Dementia, Competency, & Disability)

Groups: PTSD Support, PTSD Psychoeducation, Caregiver Support, Substance Abuse Support)

Supervisor: Rex Turner, Ph.D.

2008-2009

Clark County Juvenile Court, Vancouver, WA

Position: Psychology Practicum Student

Experience: Individual Therapy (Childhood diagnoses including Anxiety & Depression disorders, Trauma/PTSD, Childhood Behavioral disorders, & Sexual Abuse) Individual Assessment (Forensic, Learning Disabilities, Behavioral disorders, & ADHD)

Groups: DBT, Substance Abuse

Supervisors: Shirley Shen, Ph.D. & Christine Krause, Psy.D.

Academic Appointments:

2015-2017

Florida State University, Tallahassee FL

Dept. of Graduate Psychology

Position: Adjunct Faculty

Responsibilities: Teach classes related to biological basis of behavior and personality assessment.

2013-2017

Florida State University, Tallahassee FL

Dept. of Human Sciences, Institute of Sports Science & Medicine

Position: Courtesy Faculty Appointment

Responsibilities: Conduct and provide consultation for concussion specific research at the Florida State University, Institute of Sports Sciences and Medicine.

2009-2010

George Fox University, Newberg, OR

School of Behavioral Health and Sciences

Course: Projective Assessment

Position: Teaching Assistant

Experience: Lecture preparation, grading/scoring, guest lecturing, & general classroom assistance

Leadership Appointments:

- 2009-2010 **Providence Newberg Hospital, Newberg, OR**
School of Behavioral Health and Sciences
Position: Student Consultation Coordinator
Experience: Training, Education, Scheduling, Accountability of Team Members, & Conflict Resolution
Supervisor: Mary Peterson, Ph.D.
- 2007-2009 **George Fox University, Newberg, OR**
School of Behavioral Health and Sciences
Position: Student Orientation Leader
Experience: Orient and acclimate new students to graduate program, Scheduling, & Event planning
Supervisor: Wayne V. Adams, Ph.D., ABPP/CL

Professional Societies:

- 2018-Present Pediatric Research in Sports Medicine (PRiSM), Member
2018-Present Sports Neuropsychology Society, Professional Membership
2013-Present National Academy of Neuropsychology, Professional Membership
2007-2013 National Academy of Neuropsychology, Student Membership
2006-2013 American Psychological Association, Student Membership
2010-2011 Massachusetts Neuropsychological Society, Student Membership
2006-2010 Oregon Psychological Association, Student Membership

Previous Employment Related to Professional Work:

- 2008-2010 **Silverton Hospital, Silverton, OR**
Position: Professional Consultant
Experience: Seminars and workshops to hospital departments on topics including team building, trust, goal setting, suicide post-vention, and conflict resolution
- 2006-2008 **Chehalem Youth and Family Services, Newberg, OR**
Position: Case Manager
Experience: Manage discharge, daily activities, academic performance, family relationships, & treatment of 3 adolescent females residing in a residential treatment setting
- 2004-2006 **Newberg High School, Newberg, OR**
Position: Behavioral Educational Assistant

Experience: Classroom assistance for behavioral special education

Community Service Related to Professional Work:

- 2008-2010 **Silverton Hospital, Silverton, OR**
Position: Psychology Consultant
Experience: Consultation on mental health issues with an emphasis on nurse education and department team building
- 2007-2009 **Performance Training Center, Beaverton, OR**
Position: Volunteer Sports Psychology Consultant
Experience: Development of psychological measures and interventions, observation techniques, and multiple site visits to develop protocols to measure psychological response related to athletic performance
Contact: Mark McLaughlin, Founder/Development Coach
- 2006-2010 **Bridlemile Soccer Club, Portland, OR**
Position: Volunteer Sports Psychology Consultant
Experience: Individual and team psychological monitoring of youth athletes related to individual performance, goal setting, and group dynamics
Contact: Scott Thompson, Director of Operations & Coaching

Research Publications:

Price AM, Arvin N, Seagraves B, **Burkhart SO**, Knell G. Comparison of prescribed physical therapy to a home exercise program for pediatric sports-related concussion patients. *Children* 2022, 9, 1371. doi.org/10.3390/children9091371.

Worts PR, Mason JR, **Burkhart SO**, Sanchez-Gonzalez MA, Kim JS. The acute, systemic effects of aerobic exercise in recently concussed adolescent student-athletes: preliminary findings. *Eur J Appl Physiol.* 2022 Jun;122(6):1441-1457. doi: 10.1007/s00421-022-04932-4. Epub 2022 Mar 18. PMID: 35303160.

Chu Y, Knell G, Brayton RP, **Burkhart SO**, Jiang X, Shams S. Machine learning to predict sports-related concussion recovery using clinical data. *Ann Phys Rehabil Med.* 2022 Jan 2:101626. doi: 10.1016/j.rehab.2021.101626. Epub ahead of print. PMID: 34986402.

Knell G, **Burkhart SO**, Gabriel KP. Need to clarify mechanisms explaining the effect of screen time on recovery from concussion. *JAMA Pediatrics.* Published online 2021 Dec 13; doi: doi:10.1001/jamapediatrics.2021.5339.

Price AM, Knell G, Caze TJ 2nd, Abt JP, Loveland D, **Burkhart SO**. Exploring Vestibular/Ocular and Cognitive Dysfunction as Prognostic Factors for Protracted Recovery in Sports-Related Concussion Patients Aged 8 to 12 Years. *Clin J Sport Med*. 2021 Sep 8. doi: 10.1097/JSM.0000000000000975.

Knell, G, Caze, T, **Burkhart, S.O**. Evaluation of the vestibular and ocular motor screening (VOMS) as a prognostic tool for protracted recovery following pediatric sports-related concussion. *BMJ Open Sport & Exercise Medicine*. 2021;7:e000970. doi: 10.1136/bmjsem-2020-000970.

Caze II, T.J., Knell, G., Abt, J., **Burkhart, S.O**. Management and treatment of concussions via tele-concussion in a pediatric setting: Methodological approach and descriptive analysis. *JMIR Pediatr Parent* 2020;3(2):e119924. doi: 10.2196/19924

Knell, G., **Burkhart, S.O.**, Caze II, T.J., Polousky, J.D., Kohl, H.W. III, Messiah, S.E. Association between concussion history and factors relating to cognitive, behavioral, and emotional health among American high school athletes: a cross-sectional analysis. *Am J Sports Med*. 2020 July; Online. PMID: 32692937. doi: 10.1177/0363546520938776

Worts, P.R., **Burkhart, S.O.**, Kim, J.S. (2019) A physiologically based approach to prescribing exercise following sport-related concussion. *Sports Med*. 2019 May;49(5):683-706. doi: 10.1007/s40279-019-01065-1.

Worts, P.R., Schatz, P., **Burkhart, S.O.**, (2018) Test performance and test-retest reliability of the Vestibular/Ocular Motor Screening and King-Devick test in adolescent athletes during a competitive sports season. *Am J Sports Med*. 2018 Jul;46(8):2004-2010. doi: 10.1177/0363546518768750.

Sandell, N.K., Worts, P.R., **Burkhart, S.**, Henry, L. (2018) Comparison of baseline ImPACT performance in amateur motocross riders to football and basketball athletes. *Brain Inj*. 2018;32(4):493-497. doi: 10.1080/02699052.2018.1429020. Epub 2018 Jan 30.

Elbin, R.J., Sufrinko, A., Schatz, P., French, J., Henry, L., **Burkhart, S.**, Collins, M.W., Kontos, A.P. (2016) Removal from play after concussion and recovery time. *Pediatrics*. 2016 Sep;138(3):e20160910. doi: 10.1542/peds.2016-0910.

Henry, L.C., **Burkhart, S.**, Elbin, R.J., Agarwal, V., & Kontos, A.K. (2015) Traumatic axonal injury and persistent emotional lability in an adolescent following moderate traumatic brain injury: A case study. *J Clin Exp Neuropsychol*. 2015;37(4):439-54. doi: 10.1080/13803395.2015.1025708.

Elbin, R.J., Knox, J., Kegel, N., Lowder, H.B., French, J., **Burkhart, S.**, Collins, M.W., & Kontos, A.K. (2016) Assessing concussion symptoms in youth athletes: A comparison of four different approaches. *Appl Neuropsychol Child*. Oct-Dec 2016;5(4):294-302. doi: 10.1080/21622965.2015.1077334. Epub 2016 Apr 22.

Kontos, A.P., Elbin, R.J., Fazio-Sumrock, V.C., **Burkhart, S.**, Swindell, H., Maroon, J., & Collins, M.W. (2013). Incidence of sports-related concussion among youth football players aged 8-12 years. *Journal of Pediatr.* 2013 Sep;163(3):717-20. doi: 10.1016/j.jpeds.2013.04.011. Epub 2013 Jun 14.

Elbin, R.J., Fazio, V., **Burkhart, S.**, Henry, L. & Kontos, A.P. (2013). Individual and combined effects of LD and ADHD on computerized neurocognitive concussion test performance: Evidence of separate norms. *Arch Clin. Neuropsychol.* 2013 Aug;28(5):476-84.

Covassin, T., Elbin, R.J., Crutcher, B., & **Burkhart, S.** (2013). The management of sports-related concussion: Considerations for male and female athletes. *Transl. Stroke Res.* 2013 Aug;4(4):420-4.

Kontos, A.P., Elbin, R. J., **Burkhart, S.**, & Collins, M.W. (2012). Incidence and neurocognitive effects of concussion in youth (8-12 yrs) American football: A prospective study. *Medicine & Science in Sport & Exercise* 2012 44(5), S265.

Covassin, T., Elbin, R., Crutcher, B., **Burkhart, S.**, Kontos, A. (2012). The relationship between coping, neurocognitive performance, and concussion symptoms in high school and collegiate athletes. *The Sport Psychologist.*