

RESEARCH AND SCHOLARLY ACTIVITIES

ACADEMIC YEAR: 2023-2024

Research productivity by full-time Faculty included one grant submission, two research publications, four research presentations at academic conferences, and four research communications, i.e., other scholarly activities, during the 2023-2024 academic year. Their research addressed questions in higher education, clinical practice, clinical sciences, biomechanics of spinal manipulation, and basic sciences.

CONFERENCE PRESENTATIONS:

1. Balseca J. *Bilateral Leg Pain in a High School Soccer Player*. [ACCRAC 2024, 30th Annual Educational & Research Agenda Conference](#), March 21-23, 2024 in San Diego, CA.
2. Wakefield-Murphy R, Walker, J, Neidich D, Zumpano M. *Marasmus and Morality: Infant Deaths at a Catholic Infant Asylum in Buffalo NY in 1880*. [American Association of Biological Anthropologists, 93rd Annual Meeting](#), Los Angeles, CA, March 20 – 23, 2024.
3. Coon S, Wakefield-Murphy, R. *Student Perception of 3D Anatomy Technology in a Soft Tissues Procedures Course: A Descriptive Report*. [Technology in Education: Riding the Wave of the Future, Virtual Conference, June 22, 2024](#) hosted by the [Chiropractic Education Research Forum](#).

Wakefield-Murphy R. *Implementation of the Anatomage Table in Gross Anatomy Courses: A Descriptive Report of Student Perception*. [Technology in Education: Riding the Wave of the Future, Virtual Conference, June 22, 2024](#) hosted by the [Chiropractic Education Research Forum](#).

GRANT SUBMISSION:

1. With support from Dr. Anne Killen, Dr. Jeanmarie Burke collaborated with Finger Lakes Community College on the [United States Department of Labor Strengthening Community College Training grant application, FOA-ETA-23-15](#).
 - a. Goal of the Grant: Northeast would work collaboratively with Finger Lakes Community College to provide students with continued learning pathways in allied health care fields of Radiologic Technology, Diagnostic Medical Sonography, and Health Care Administration, which will lead to

job stability and the increase of health care professionals in our surrounding rural areas.

- b. Submission Date: November 2023
- c. Status: Unfunded (Re-submitted in October 2024).

OTHER SCHOLARLY ACTIVITIES:

1. Dr. Jose Balseca with counselors Kathleen Fitzpatrick and Heather Frederick is conducting a research project entitled *Correlation of musculoskeletal pain scores and mental health concerns*.
 - a. The purpose of the research is to study the relationship between service dates at the Campus Health Center and Counseling Center with respect to physical (VAS pain scores) and psychological or emotional (PHQ-4) factors of musculoskeletal pain.
 - b. The goal is to better understand the clinical care pathway between the Campus Health Center and Counseling Center related to physical, psychological or emotional factors of musculoskeletal pain.
 - c. Dates of Research: September 1, 2023 to August 31, 2024
2. Dr. Owen Papuga received IRB approval on a research project entitled *An investigation of the modulation of force in chiropractic students performing high velocity low amplitude thrusts*.
 - a. The longitudinal research project will use the FAST Lab to collect data from T1 to T7 students during the **2023-2024** and 2024-2025 academic years.
3. Dr. William Laretti's career scholarship contributions to Evidence-Based practice and its impact on chiropractic education and the delivery of chiropractic care was recognized by the ACA through its annual award programs. Dr. Laretti was the recipient of [2024 ACA Academician of the Year Award](#). (January 2024).
4. Dr. Ilija Arar contributed to the organization of the scientific sessions at [ACCRAC Conference](#) by serving as a moderator and continuing his collaboration with [CERF](#) authors on the international research project entitled *A Cross-Sectional Study of Resilience among Faculty in Chiropractic Programs*. (March 21-23, 2024 in San Diego, CA).

ACADEMIC YEAR: 2022 – 2023

CONFERENCE PRESENTATIONS:

1. Arar I., Merkle P, Hall D, Burke JR. *Exam item degree of difficulty in a Physiopathology course is correlated with NBCE Part I performance in Pathology.* [ACC- RAC 2023 Conference](#), March 23 - 25, 2023, New Orleans, LA.
2. Carnevale B. Remediation strategies for learning spinal manipulation. [11th WFC ACC Global Education Conference](#), November 2-5, 2022, St. Louis, MO.
3. Fiore A, Hopkins B. *Correlation between Student Performance on an Objective Structured Clinical Examination and Chiropractic National Boards Part IV: A Descriptive Study.* [Chiropractic Educators Research Forum](#), Virtual Meeting, June 24, 2023.
4. Lauretti W. History of Chiropractic. [11th WFC ACC Global Education Conference](#), November 2-5, 2022, St. Louis, MO.
5. Marchese C. Video patient histories during COVID. [11th WFC ACC Global Education Conference](#), November 2-5, 2022, St. Louis, MO.
6. Whiting, T. Practical application of the biopsychosocial model of care. [ACC- RAC 2023 Conference](#), March 23 - 25, 2023, New Orleans, LA.

OTHER SCHOLARLY ACTIVITIES:

1. Maaranen N, Walker J. *Tales as old as time: Teeth reveal migrant neighborhoods in ancient Mesopotamia.* [Archeowiesci.PL](#), June 12, 2023.
2. Olson, E, Balliett, M, Burke, JR. Yoga Versus Yoga Plus Mindfulness on Perceived Stress and Mindful Attention Awareness in a Chiropractic College Setting. Experimental Design, <https://clinicaltrials.gov/study/NCT05595785>, October 15, 2022.
3. Weichel, S, Bauer R, Burke, JR. Relationship Between Chiropractic Care and Autonomic Nervous System Regulation. Experimental Design, <https://clinicaltrials.gov/study/NCT05401903>, September 14, 2022.

ACADEMIC YEAR: 2021 – 2022

CONFERENCE PRESENTATIONS:

1. Lauretti W. (2021). History of Chiropractic in Medicare. Presented At: [Association for the History of Chiropractic 40th Annual Conference](#), Davenport, IA, June 19-20, 2021.
2. Golden K, **Diana R.** (2022). A Case of Brachioradial Pruritus Treated with Chiropractic and Acupuncture. Journal of Chiropractic Education, 36: 69. Presented at: [Association of Chiropractic Colleges Research Agenda Conference](#), San Diego, CA, July 24 - 26, 2022.
3. Walker RA. (2022). Bone Cross Sectional Geometry, Haversian Remodeling, and Age Estimation at Death in a Sample of Homo Sapiens of Known Age, Sex, and Biological Origin. Presented At: [American Association of Biological Anthropologists Annual Meeting](#), Denver, CO, March 28, 2022.
4. Voorhies JL. (2022). Improving the Objective Assessment of Professionalism in Chiropractic Colleges. Journal of Chiropractic Education, 39: 72. Presented at: [Association of Chiropractic Colleges Research Agenda Conference](#), San Diego, CA, July 24-26, 2022.

OTHER SCHOLARLY ACTIVITIES:

1. Hemsey C. (2021). New Jersey Licensed Chiropractic Assistant Training Program. Post- Graduate Lecture from 2018 to present.
2. Lauretti W. (2021). Risk Management. Presented At: Louisiana Chiropractic Association Meeting, Baton Rouge, LA, August 21, 2021.
3. Lauretti W. (2021). 2021 Changes to Evaluation and Management Billing Codes. Post- Graduate Lecture (Webinar).
4. Lauretti W. (2021). Building Bridges: How to Effectively Work with Chiropractors. Presented At: Bassett Healthcare Organization, Virtual Meeting, September 21, 2021.
5. Lauretti W. (2021). Informed Consent and Risk Management. Presented At: New York State Chiropractic Association (NYSCA) District 17 Meeting, Virtual Presentation, October 28, 2021.

6. Rae L. (2021). Introduction to Chiropractic Care. Presentation for Rochester Institute of Technology 5th Year Physician Assistant Trainees, Rochester, NY, from 2016 to present.
7. Ruddy R. (2021). Can It Help Me Live a Better Life? Presented At: ITT Gould's Pumps, Seneca Falls, NY, October, 2021.
8. Ruddy R. (2021). Stress and the Anti-Inflammatory Diet. Presented At: ITT Gould's Pumps, Seneca Falls, NY, September, 2021.
9. Walker RA. (2021). The Anatomy of Adhesive Capsulitis. Presented Guest Lecture for Immaculate Dissection, Clinical and Functional Online Anatomy Courses, November 4, 2021.
10. Carnevale B. (2022). Should Northeast College of Health Sciences Implement a Supplemental Instruction Program of Chiropractic Technique Skills within Their Doctor of Chiropractic Program? [Dissertation]: University of Rochester, May 2022.
11. Lauretti W. (2022). Building Bridges: Working with Medical Professionals. Post- Graduate Lecture: Webinar sponsored by National Chiropractic Mutual Insurance Company (NCMIC), Continuing Education Credits (1 Hour), May 19, 2.