Faculty & Student Research & Scholarly Activity

Report:
Calendar Year 2022
Dean’s Message

We’re thinking bigger about health, here.

New knowledge, tested evidence and creative discovery are critical to serve and provide the best care to patients, families, communities, and populations.

College of Health Science and Professions faculty produce an impressive array of publications, presentations, and extramural grants through sustained creative effort and achievement. Our faculty mentor many undergraduate and graduate students and that leadership is reflected in a special section highlighting CHSP’s student-driven accomplishments.

In campus labs, healthcare settings and communities everywhere, our scholars make important and meaningful contributions to advance health and wellbeing through the research they do—and we are incredibly proud of these efforts to solve healthcare questions and challenges, big and small.

Please enjoy this report that highlights our recent research and scholarly activity. I invite you to engage with this work and know that you will appreciate the volume, scope and quality of research accomplished by my colleagues in the College of Health Sciences and Professions.

John McCarthy, Dean
College of Health Sciences and Professions
Ohio University
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Department of Social and Public Health (SPH)
Department of Social Work (SW)
School of Applied Health Sciences & Wellness (AHSW)
School of Nursing (SON)
School of Rehabilitation & Communication Sciences (RCS)

ACADEMIC CERTIFICATES IN CHSP FACULTY

RESEARCH AND SCHOLARSHIP
Research Laboratories
Scholarship Publications
Presentations
Grants Awarded
Intramural Grants
Extramural Grants

STUDENT RESEARCH AND SCHOLARSHIP
Student Travel Grant
Gary S. Neiman Graduate Student Research Award
Student Research Grants
REPORT SUMMARY

<table>
<thead>
<tr>
<th>Grants Awarded</th>
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<tr>
<td>Extramural</td>
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<td>Intramural</td>
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PRESENTATIONS SUMMARY

![2022 Presentations Chart](chart.png)
<table>
<thead>
<tr>
<th>Professional Groups Associated with CY 2022 Presentations</th>
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<tbody>
<tr>
<td>Academy Health</td>
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<tr>
<td>Acoustical Society of America</td>
</tr>
<tr>
<td>American Academy of Audiology</td>
</tr>
<tr>
<td>American Academy of Cerebral Palsy and Developmental Medicine</td>
</tr>
<tr>
<td>American Association of Nurse Practitioners</td>
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<tr>
<td>American Auditory Society</td>
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<tr>
<td>American College of Sports Medicine</td>
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<tr>
<td>American Council of Academic Physical Therapy</td>
</tr>
<tr>
<td>American Educational Research Association</td>
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<tr>
<td>American Medical Informatics Association</td>
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<tr>
<td>American Physical Therapy Association</td>
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<tr>
<td>American Professional Society on the Abuse of Children</td>
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<tr>
<td>American Public Health Association</td>
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<tr>
<td>American Society for Microbiology</td>
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<tr>
<td>American Speech-Language-Hearing Association</td>
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<td>Appalachian Studies Association</td>
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<tr>
<td>Association for Regional Campuses of Ohio</td>
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<tr>
<td>Council of Academic Programs in Communication Sciences and Disorders</td>
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<tr>
<td>Council on Social Work Education</td>
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<tr>
<td>Drug Information Association</td>
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<tr>
<td>European Academy of Childhood Disability</td>
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<tr>
<td>European Public Health Association</td>
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<tr>
<td>European Society of Sports Traumatology, Knee Surgery &amp; Arthroscopy</td>
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<tr>
<td>Great Lakes Athletic Trainers’ Association</td>
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<tr>
<td>Human Biology Association</td>
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<tr>
<td>Institute of Electrical and Electronics Engineers</td>
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<tr>
<td>International Association for Dance Medicine &amp; Science</td>
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<tr>
<td>International Association for the Study of Pain</td>
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<td>International Association of Communication Sciences and Disorders (IAL)</td>
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<tr>
<td>International Federation of Sports Physical Therapy</td>
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<tr>
<td>International Society for Research in Human Milk and Lactation</td>
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<td>International Stuttering Association</td>
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<tr>
<td>Latin American Nutrition Society</td>
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<td>Mid-Atlantic Athletic Trainers’ Association</td>
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<tr>
<td>Midwest American College of Sports Medicine</td>
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<tr>
<td>Midwest Nursing Research Society</td>
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<td>Mid-Western Educational Research Association</td>
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<tr>
<td>National Association for Alcoholism and Drug Abuse Counselors</td>
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<tr>
<td>National Association of Social Workers</td>
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<tr>
<td>National Athletic Trainers’ Association</td>
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<tr>
<td>National Communication Association</td>
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<tr>
<td>National Hearing Conservation Association</td>
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<tr>
<td>Ohio Association for Health, Physical Education, Recreation and Dance</td>
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<tr>
<td>Ohio Association of Physician Assistants</td>
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<tr>
<td>Ohio Athletic Trainers’ Association</td>
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<tr>
<td>Ohio League for Nursing (OLN)</td>
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<tr>
<td>Ohio Organization for Nursing Leadership</td>
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<tr>
<td>Ohio Public Health Association</td>
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<tr>
<td>Ohio Victim Witness Association</td>
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<tr>
<td>Performing Arts Athletic Trainers’ Society</td>
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<tr>
<td>Public Health Alliance for Genomic Epidemiology</td>
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<tr>
<td>SHAPE America</td>
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<tr>
<td>Sigma Theta Tau International Honor Society of Nursing</td>
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<tr>
<td>Society for Neuroscience</td>
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<tr>
<td>Society for Social Work and Research</td>
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<tr>
<td>Southern Gerontological Society</td>
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<tr>
<td>Student National Medical Association</td>
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<tr>
<td>The National Academies of Sciences, Engineering, and Medicine</td>
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<tr>
<td>The Royal Society</td>
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<tr>
<td>United Nations General Assembly</td>
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<tr>
<td>Utah Athletic Trainers’ Association</td>
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</tbody>
</table>
DEPARTMENT AND SCHOOLS

Department of Interdisciplinary Health Studies (IHS)

This department offers an associate degree, several certificate programs, an undergraduate completion degree, and three graduate degrees. During the academic year 2022-2023, this Department had 1 instructional faculty, 1 clinical faculty, 1 classified staff member, and 1 administrative staff.

Tobe Gillogly, MS, PTA, CHW Assistant Clinical Professor and Chair, Department of Interdisciplinary Health Studies

Associate program
Medical Assisting Technology (AAS)

Undergraduate program
Bachelor of Science in Integrated Healthcare Studies (BSIHS)

Graduate program
Master of Global Health (MGH)
Master of Integrated Health Studies (MIHS)
Master of Science Cardiovascular Perfusion (MSCP)

Faculty (Tenure-Track and Clinical)
Tobe Gillogly, MS, PTA, CHW Assistant Clinical Professor (IHS) Interprofessional Care
Department of Social and Public Health (SPH)

This Department is distinguished by its breadth of programs addressing community and public health, environmental and population-level diseases, and health administration. During the academic year 2022-2023, this Department had 9 tenure-track faculty, 1 clinical faculty, 7 instructional faculty, 1 visiting professor, 1 classified staff member, and 1 administrative staff.

Michael Reece, Associate Professor, and Interim Chair, Department of Social and Public Health

Associate program
Environmental Engineering Technology (AAS)

Undergraduate programs
Bachelor of Science in Health (BSH): Community and Public Health
Bachelor of Science in Health (BSH): Health Services Administration
Bachelor of Science in Environmental Health (BSEH)
Bachelor of Science in Child and Family Studies (BSCFS)

Graduate programs
Master of Health Administration (Online MHA)
Master of Public Health (On-campus and Online MPH)
Master of Science in Child and Family Studies (MSCFS)

Faculty (Tenure-Track and Clinical)
Julie Brown, PhD, Associate Professor (CFS)
Jenny Chabot, PhD, CCLS, Professor (CFS)
Kitty Consolo, PhD, Associate Professor (CPH -Zanesville)
Rebecca Crawford, PhD, Assistant Professor (CPH)
Cory Cronin, PhD, Associate Professor (HSA)
Thomas Kamau, PhD, Associate Professor (CPH – Zanesville)
Caroline Kingori, PhD, Associate Professor (CPH)
Michele Morrone, PhD, REHS, Professor (EH)
Janelle Mitchell, MS, CCLS, Clinical Assistant Professor (CFS)
Alexander V. Sergeev, PhD, MD, MPH, Associate Professor (CPH)
Shyamkumar Sriram, PhD, Assistant Professor (HSA)

Accreditation
Environmental Health (BSEH) National Environmental Health Science and Protection Accreditation Council (EHAC), 2022-2028.
Master of Science in Child and Family Studies, Association of Child Life Professionals (ACLP), 2021-2026.
**Department of Social Work (SW)**

This Department is distinguished by its breadth of programs addressing social health services. During the academic year 2022-2023, this Department had 8 tenure-track faculty, 15 instructional faculty, 1 classified staff member.

_Theresa Cluse-Tolar, PhD, Professor and Chair, Department of Social Work_

**Associate program**
- Human Services Technology (AAS)

**Undergraduate programs**
- Bachelor of Arts in Social Work (BASW)
- Bachelor of Science in Social Work (BSW)
- Honors Tutorial Program (HTC – BASW)

**Graduate programs**
- Master of Social Work (MSW)
- Advanced Standing Master of Social Work (ASMSW)

**Faculty (Tenure-Track and Clinical)**

- **Glenn Abraham, PhD**, Associate Professor (SW)
- **Theresa Cluse-Tolar, PhD**, Professor (SW)
- **Evan Harris, PhD**, Assistant Professor (SW)
- **Mingun Lee, PhD**, Associate Professor (SW)
- **Daejun Park, PhD**, Assistant Professor (SW)
- **Jennifer Shadik, PhD**, Associate Professor (SW)
- **Stacey Saunders-Adams, PhD**, Assistant Professor (SW)
- **Lisa Skeens, PhD**, Associate Professor (SW)

**Accreditation**

School of Rehabilitation Sciences

This School offers degrees in physical therapy, physician assistant practice, and communication sciences and disorders. During the academic year 2022-2023, this School had 12 tenure-track faculty members, 10 instructional faculty, 19 clinical faculty, 5 classified staff members, and 6 administrative staff. In addition, 14 FTE administrative personnel who are professionally credentialed provide clinical services through OU Therapy Associates (offering physical therapy, occupational therapy, audiology, and speech, language services).

Chad Starkey, PhD, Director, School of Rehabilitation Sciences

Directors
Hearing, Speech, and Language Sciences -Joann Benigno, PhD, CCC-SLP
Physical Therapy -Gary Chleboun, PT, PhD
Physician Assistant -Melissa Bowlby, MSBS, PA-C, AT

Undergraduate Programs
Bachelor of Science in Communication Sciences and Disorders (BSCSD)

Graduate programs
Master of Arts in Speech-Language Pathology (MASLP)
Master of Physician Assistant Practice (MPAP)
Doctor of Clinical Audiology (AuD)
Doctor of Philosophy in Hearing Science (PhDHS)
Doctor of Philosophy in Speech-Language Science (PhDSLS)
Doctor of Physical Therapy (DPT)

Faculty (Tenure-Track and Clinical)

Joann Benigno, PhD, Associate Professor (HSLS)
Rachel Bican, PT, PhD, Assistant Professor (PT)
Melissa Bowlby, MSBS, PA-C, AT, Assistant Clinical Professor (PA)
James Cacchillo, DO, Assistant Clinical Professor (PA)
Michele Courtney, PT, PhD, MBA, Assistant Clinical Professor (PT)
Elizabeth Crickard, DO, Medical Director and Assistant Clinical Professor (PA)
Ashley Crow, PT, DPT, Associate Clinical Professor (PT)
Paula DeLorm, DPT, Assistant Clinical Professor (PT)
Neil Evans, PT, PhD, Assistant Professor (PT)
Jeffrey Fisher, MPAS, MSA, BS, Assistant Clinical Professor (PA)
Cheryl Geng, PA-C, Assistant Clinical Professor (PA)
Dustin Grooms, AT, PhD, Professor (PT)
Janice Howman, DPT, MEd, Clinical Professor (PT)
Fuh-Cherng Jeng, MD, PhD, Professor (HSLS)
Youngsun Kim, PhD, Associate Professor (HSLS)
Nicholas Karayannis, PT, PhD, Assistant Professor (PT)
Chao-Yang Lee, PhD, Associate Professor (SHS)
Kristin Lugo, PharmD, RPh, Assistant Clinical Professor (PA)
John McCarthy, PhD, Professor (HSLS)
Kalyn McDonald, AuD, CCC-A, FAAA, Assistant Clinical Professor (HSLS)
Rebecca Meier, AuD, CCC-A, FAAA, Associate Clinical Professor (HSLS)
James W. Montgomery, PhD, Professor (HSLS)
James Odenthal, PT, DPT, OCS, Associate Clinical Professor (PT)
Chorong Oh, PhD, Assistant Professor (HSLS)
Jeff Vasiloff, MD, MPH, Assistant Clinical Professor (PA)
Brooke Vaughan, PT, DPT, Associate Clinical Professor (PT)
Nilesh Washnik, PhD, Assistant Professor (HSLS)
Robert Wayner, PT, DPT, Assistant Clinical Professor (PT)
Janice Wright, MA, CCC-SLP, Assistant Clinical Professor (HSLS)
Li Xu, MD, PhD, Professor (HSLS)

Accreditation

**Physical Therapy** (DPT): Commission on Accreditation in Physical Therapy Education (CAPTE), 2019-2029

**Physician Assistant** (MPAP): Accreditation Review Commission on Education for the Physician Assistant (ARC-PA), Accreditation Continued 2019-2029.


School of Applied Health Sciences and Wellness (AHSW)

This School offers academic degrees in exercise physiology, nutrition, and athletic training and operates the Atrium Café. During the academic year 2022-2023, this School had 8.33 tenure-track faculty, 9.5 professors of instruction, 6 clinical faculty, and 1 classified staff member.

Chad Starkey, PhD, AT, Professor and Director, School of Applied Health Sciences and Wellness

Division Directors
- Athletic Training - Chad Starkey, PhD, AT
- Exercise Physiology - Sharon R. Perry, PhD, CSCS
- Food and Nutrition Sciences – Kimberlee Orben – MS, RD, LD

Undergraduate programs
- Bachelor of Science in Exercise Physiology (BSPex) with three tracks: Exercise Physiology, Pre-Physical Therapy, Pre-Athletic Training
- Bachelor of Science in Food and Nutrition Sciences (BSFNS) with two tracks: Nutrition and Applied Nutrition

Graduate programs
- Master of Science in Athletic Training (MSAT)
- Master of Science in Physiology of Exercise (MSEP) Human Performance
- Master of Science in Physiology of Exercise (MSEP) Research
- Master of Science in Physiology of Exercise (MSEP) Clinical
- Master of Science in Food and Nutrition Sciences (MSFNS)
- Combined Master of Science in Food and Nutrition Sciences and Dietetic Internship (MSFNS)
- Online Master of Science in Food and Nutrition Sciences (MSFNS)
- Doctor of Athletic Training (DAT)

Faculty (Tenure-Track and Clinical)
- Andrea Bender, EdD, Assistant Clinical Professor (AT)
- Robert G. Brannan, PhD, Professor (FNS)
- Josh Christen, MS, Assistant Clinical Professor (EXPH)
- Kristine Ensign, PhD, Associate Clinical Professor (AT)
- Roger Gilders PhD, Professor (early retiree) (EXPH)
- Laura Harris, PhD, Clinical Professor (AT)
- Angela Hillman, PhD, Assistant Professor (EXPH)
- Jana Hovland, PhD, RD, LD, Assistant Clinical Professor (FNS)
- Cheryl Howe, PhD, Associate Professor (EXPH)
- Kimberlee Orben, MS, RD, LD, Associate Clinical Professor [Division Director] (FNS)
- Sharon Perry, PhD, Associate Professor [Division Director] (EXPH)
- Jeffrey A. Russell, PhD, Associate Professor (AT)
- Janet Simon, PhD, Associate Professor (AT)
- Chad Starkey, PhD, Professor (AT)
- Dhiraj Vattem, PhD, Professor (FNS)
- Christine Zachrich, MS, RD, LD, Associate Clinical Professor (FNS)
**Accreditation**


**Combined Master of Science and Dietetic Internship** Accreditation Council for Education in Nutrition and Dietetics (ACEND), 2019-2027.

**Athletic Training (MS; professional accreditation)** Commission on Accreditation of Athletic Training Education (CAATE), 2012-2022 (site visit during 2021-2022).
School of Nursing (SON)

This School is comprised of a comprehensive ladder of nursing programs. The RN-to-BSN is an online program with national distribution. During the academic year 2022-2023, on the Athens campus, this School had 23 tenure/tenure-track faculty, 40 instructional faculty, 4 clinical faculty, 6 classified staff members, and 10 administrative staff.

Char Miller, DNP, APRN, ANP-BC,CNE, Associate Professor and Executive Director, School of Nursing

Associate programs

Associate in Applied Science – Nursing (AAS-N) (Chillicothe, Southern and Zanesville campuses)

Undergraduate programs

Bachelor of Science in Nursing (BSN)
Registered Nurse-to-Bachelor of Science in Nursing (RN-to-BSN)

Graduate programs

Master of Science in Nursing (MSN)
Adult-Gerontology Acute Care Nurse Practitioner
Family Nurse Practitioner
Nurse Educator
Nurse Leader
Psychiatric Mental Health Nurse Practitioner

Doctor of Nursing Practice (DNP)
Post-MSN to DNP
BSN to DNP

Faculty (Tenure/Tenure-Track)

Melvina Brandau, PhD, RN, Assistant Professor
Rebecca Bryant, DNP, CNP, Associate Professor
Sherleena Buchman, PhD, MSN, RN, Assistant Professor
John Byerly, MSN, RN, Assistant Professor
Ilana Azulay Chertok, PhD, MSN, RN, IBCLC, Professor
Beth Delaney, DNP, MSN, FNP-BC, Professor
Susan Dowell, DNP, MSN, MBA, RN-C, Associate Professor
Susan Farus-Brown, DNP, APRN, FNP-BC, Associate Professor
Matthew Fox, MSN, RN, Associate Professor
Mashawna Hamilton, DNP, RN, Associate Professor
Sheryl House, DNP, APRN, CNS, CNE, Professor
Molly Johnson, DNP, APRN, CPNP, Associate Professor
Camille Leadingham, DNP, APRN, CPNP, Associate Professor
Loretta Marchetta, MSN, RN, Assistant Professor
Charman Miller, DNP, ANP-BC, CNE, Associate Professor
Nicole Pennington, DNP, RN, Associate Professor
Carol Schaumleffel, DNP, RN, LSN, Assistant Professor
Dana Scott, MSN, RVT, LMT, Associate Professor
Pamela Sealover, MSN, RN, CNE, Associate Professor
Stacie Sweet, DNP, APRN, WHNP, Associate Professor
Michelle Theiss, DNP, RN, Assistant Professor
Ronald Vance, MSN, RN, CNE, Associate Professor
Christy Vickers, DNP, APRN, PNP, Associate Professor

Clinical Faculty
Mary Lou Garey, DNP, AG-ACNP, FNP, Assistant Clinical Professor
Katherine Holter, MSN, ACNP, Assistant Clinical Professor
Stephanie Marazon, MSN, FNP, Assistant Clinical Professor
Marjorie A. Vogt, PhD, DNP, CFNP, CPNP, CNE, FAANP, Clinical Professor

Accreditation
Nursing (AAS-N): Accreditation Commission for Education in Nursing (ACEN), 2015-2023; and Ohio Board of Nursing (OBN), 2021-2026.
Nursing (BSN, MSN, and DNP): Commission on Collegiate Nursing Education (CCNE), 2021-2031
(BSN – Athens): Commission on Collegiate Nursing Education (CCNE), 2021-2031
(BSN – Chillicothe, Southern, Zanesville): Ohio Board of Nursing (OBN), 2018-2023
Nursing (MSN): Commission on Collegiate Nursing Education (CCNE), 2021-2031
Nursing (DNP): Commission on Collegiate Nursing Education (CCNE), 2021-2031.
# Academic Certificates in CHSP

<table>
<thead>
<tr>
<th>Academic Home</th>
<th>Name</th>
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<tr>
<td>SON</td>
<td>Adult Gerontology Acute Care Nurse Practitioner Graduate Certificate</td>
</tr>
<tr>
<td>SPH</td>
<td>Appalachian Studies Undergraduate Certificate</td>
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<tr>
<td>SPH</td>
<td>Appalachian Studies Graduate Certificate</td>
</tr>
<tr>
<td>IHS</td>
<td>Clinical Informatics Graduate Certificate</td>
</tr>
<tr>
<td>AHSW</td>
<td>Diabetes Graduate Certificate</td>
</tr>
<tr>
<td>AHSW</td>
<td>Diabetes Undergraduate Certificate</td>
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<tr>
<td>SPH</td>
<td>Epidemiology Graduate Certificate</td>
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<tr>
<td>RCS</td>
<td>Experimental Study of Language Undergraduate Certificate</td>
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<td>SON</td>
<td>Family Nurse Practitioner Graduate Certificate</td>
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<td>SPH</td>
<td>Gerontology Graduate Certificate</td>
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<td>SPH</td>
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<tr>
<td>IHS</td>
<td>Global Health Graduate Certificate</td>
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<td>IHS</td>
<td>Global Health Undergraduate Certificate</td>
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<tr>
<td>IHS</td>
<td>Health Policy Graduate Certificate</td>
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<tr>
<td>IHS</td>
<td>Healthcare Leadership Graduate Certificate</td>
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<td>IHS</td>
<td>Interprofessional Care</td>
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<tr>
<td>AHSW</td>
<td>Performing Arts Health and Wellness Undergraduate Certificate</td>
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<tr>
<td>SON</td>
<td>Nurse Educator Graduate Certificate</td>
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<tr>
<td>SON</td>
<td>Nursing Leadership Graduate Certificate</td>
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<tr>
<td>SON</td>
<td>Psychiatric Mental Health Nurse Practitioner Graduate Certificate</td>
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<tr>
<td>SON</td>
<td>School Nurse License Undergraduate Certificate</td>
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<tr>
<td>AHSW</td>
<td>Sports Nutrition Undergraduate Certificate</td>
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<tr>
<td>IHS</td>
<td>Veterans' Health Graduate Certificate</td>
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<tr>
<td>SPH</td>
<td>Workplace Health and Safety Undergraduate Certificate</td>
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<tr>
<td>RCS</td>
<td>Professional Deaf Resources Liaison Certificate</td>
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</table>
FACULTY RESEARCH AND SCHOLARSHIP

Research Labs

See index below; with the Institute or Academic Unit name—or contact the faculty member via the OHIO Email directory.

Akeso Lab: Nicholas Karayannis [PT]
The Appalachian Institute to Advance Health Equity Science (ADVANCE): Cory Cronin [SPH]
Auditory Electrophysiology Research Lab: Fuh-Cherng Jeng [HSLS]
Auditory Prosthesis Research Lab: Li Xu [HSLS]
Augmentative and Alternative Communication Research Lab: John McCarthy [HSLS]
Cardiovascular Disease Epidemiology and Outcomes Research: Alexander Sergeev [SPH]
CARE (Cognitive Aging and Resilience Lab): Chorong Oh [HSLS]
Child Life and Family Experiences: Jenny Chabot [CFS]
Developmental Psycholinguistics Research Lab: Jim Montgomery [HSLS]
Digital Technologies and Aging, Gerontological Pedagogy, Aging in Place: Julie Brown [CFS]
Dysphagia Research Lab: Youngsun Kim [HSLS]
Exercise Biochemistry Research Lab: Angela Hillman [EP]
Exercise Physiology Research Lab: Sharon Perry [EP]
Food Innovation Lab: Robert G. Brannan [FNS]
Food Science Research Lab: Robert G. Brannan [FNS]
Global Health, Health Policy and Health Economics: Shyamkumar Sriram [HSA]
Health Disparities and Community Engaged Research: Rebekah Crawford [CPH]
Hearing and Noise Research Lab: Nilesh Washnik [HSLS]
Interprofessional Simulation Labs: John McCarthy [HSLS]
Motor Control Research Lab: Neil Evans [PT]
Motor Control Lab: Dustin Grooms [PT], Janet E. Simon [AT]
Neuromuscular Biomechanics and Health Assessment Research Lab (NMBHAL): Dustin Grooms [PT], Janet E. Simon [AT]
Nutrition Counseling Lab: Jana Hovland [FNS]
Pediatric FUNctional Mobility Lab: Rachel Bican [PT]
Quality Food Lab: Dane Salabak [FNS]
Reproductive and Sexual Health Initiatives: Caroline Kingori [CPH]
Running and Gait Lab: Robert Wayner [PT]
Sensory Analysis Research Lab: Robert G. Brannan [FNS]
Science and Health in Artistic Performance Lab (SHApe Lab): Jeffrey Russell [AT]
Social and Environmental Determinants of Health, Appalachia: Michele Morrone [EH]
Speech Processing Research Lab: Chao-Yang Lee [HSLS]
The Intersection of Healthcare Organizations, Policy, and Population Health: Cory Cronin [HSA]
Transitions in the Acquisition of Language Knowledge (TALK) Research Lab: Joann Benigno [HSLS]
The Voice Lab: Karen Perta [HSLS]
CHSP: https://www.ohio.edu/chsp/research

Academic Divisions:
- AT: Athletic Training: https://www.ohio.edu/chsp/ahsw/athletic-training/research
- HSLS: Hearing, Speech, and Language Disorders https://www.ohio.edu/chsp/rehab/hearing-speech-language-sciences/research
- EP: Exercise Physiology https://www.ohio.edu/chsp/ahsw/exercise-physiology/research
- FNS: Food and Nutrition Sciences https://www.ohio.edu/chsp/ahsw/food-nutrition/research
- IHS: Interdisciplinary Health Studies https://www.ohio.edu/chsp/health-studies
- SON: Nursing https://www.ohio.edu/chsp/nursing/research
- PA: Physician Assistant Practice https://www.ohio.edu/chsp/rehab/physician-assistant/program-research
- PT: Physical Therapy https://www.ohio.edu/chsp/rehab/physical-therapy/research
- SW: Social Work https://www.ohio.edu/chsp/social-work/research

Most Common Keywords in CHSP Publications
Scholarship Publications (CY 2022)

This scholarship report is aligned with the calendar year—the annual evaluation period for faculty. It includes peer-reviewed manuscripts, chapters, books, and other publications, as of December 31, 2022. *Denotes student contribution.


College of Health Sciences and Professions: Faculty & Student Research & Scholarly Awards (CY 2022)


Diekfuss, J. A., Grooms, D. R., Nissen, K. S., Coghill, R. C., Bonnette, S., Barber Foss, K. D., Dudley, College of Health Sciences and Professions: Faculty & Student Research & Scholarly Awards (CY 2022)


College of Health Sciences and Professions: Faculty & Student Research & Scholarly Awards (CY 2022)


Lee, O. E.-K., Park, D., & Park, J. (2022). Association of vision impairment with suicide ideation,


Ohio University, Laboratory for Science and Health in Artistic Performance, & Russell, J. A. (2022). Clinical Management of Dance Injuries in a University Setting. *Dance and Theories, 5*(1), 21–42. [https://doi.org/10.46577/DAT.2022.5.2](https://doi.org/10.46577/DAT.2022.5.2)


Most Common Keywords in CHSP Presentations

- Health
- Student
- Care
- Violence
- Education
- Motor
- Anterior
- Social
- Community
- Digital
- Female
- ACL
- Knee
- Public
- Football
- Brain
- Quality
- Neural
- Utilization
- Disorders
- Development
- Sibling
- Concussions
- Measures
- Sports
- Science
- Factors
- Review
- Clinical
- Patient
- Skills
- Access
- Impacts
- Virtual
- Mode
- Rural
- Data
- Role
- Analysis
- Prevention
- University
- Comparison
- Young
- Undergraduate
- Distance
- COVID
- New
Presentations (CY 2022)

This section includes paper and poster presentations, published abstracts and proceedings of platform and poster presentations, as well as invited seminars, workshops or lectures in state, regional, national, and international forums during calendar year 2022. *Denotes student contribution.


Arnold, T. (2022, March). From Whence we came to where we will go; Sharing the stories of immigration, economic opportunity, and sustainability in the Little Cities of Black Diamonds [Poster Presentation]. Appalachian Studies Association Conference, West Virginia University, Morgantown, WV.


Data-driven decision-making in clinical education [Professional Presentation]. Pre-conference: APTA Education Leadership Conference, Milwaukee, WI.

Beichler, K., Buchman, S., & Chertok, I. (2022, November 9). Obstetrical emergency simulation training and education for emergency department nurses [Poster]. Ohio Organization for Nursing Leadership Conference, Columbus, OH.


Bican, R. (2022, November). Health inequity considerations for the neurological population [Invited Lecture]. Ohio Health Residency Lectureship, Columbus, OH.

Bican, R., Christensen, C., & Mansfield, C. (2022, February). Focused family goal writing and promoting participation for children with developmental disabilities. [Invited Lecture]. Evidence-Based Practice Bi-Annual Conference, Nationwide Children’s Hospital, Columbus, OH.

Bican, R., & Lazzara Mould, V. (2022, October). Utilizing evidence-based practice within therapeutic recreation [Invited Lecture]. Nationwide Children’s Hospital Therapeutic Recreation Conference, Nationwide Children’s Hospital, Columbus, OH.


Bican, R., & O’Rourke, S. (2022, February). Access to opportunity: Health equity and developmental outcomes for children with CP. [Invited Lecture]. Evidence-Based Practice Bi-Annual Conference, Nationwide Children’s Hospital, Columbus, OH.


Brown, J. (2022, April). Digital Games as a Form of Play in Older Adulthood [Invited Presentation]. School of Public Health and Social Policy, University of Victoria, Canada.


Buchman, S., Miller, C., & Brandau, M. (2022, March 25). CINE-VR Disrupts Traditional Simulation in Nursing Education [Presentation]. Online League for Nursing Education Summit, Columbus, OH.

Buchman, S., Miller, C., & Bryant, R. (2022, April 1). Improving Undergraduate Nursing Student Perceived Competency of the Care of the Hospitalized Patient with Parkinson’s Disease through Cine-Vr [Presentation]. Midwest Nursing Research Society Annual Research Conference, Schaumburg, IL.


Chertok, I. (2022, August 24). *Framing a project: The literature search* [Workshop]. Ohio University School of Nursing DNP Program, Dublin, OH.

Chertok, I., & Artzi-Medvedik, R. (2022, August 3). *Pregnant women’s perception of second-hand smoke exposure during the COVID-19 pandemic* [Virtual Podium Presentation]. STTI Nursing Research Congress.

Chertok, I., Artzi-Medvedik, R., & Mohamed, N. (2022, May 3). *Pregnant women’s perception of second-hand smoke exposure* [Poster Presentation]. Ohio University School of Nursing, Nursing Research and Evidence Based Practice Conference, Athens, OH.


Coffman, J. (2022, April). *Patient Safety and Satisfaction* [Professional Speaking Engagement]. Digit Block Skills Lab, Columbus, OH.

Coffman, J. (2022, May). *High Risk Case Review: Pearls from Peers* [Professional Speaking Engagement]. Columbus, OH, ER Group, Columbus, OH.


Coffman, J. (2022, October). Wound Care and Bedside Incision and Drainage [Professional Speaking Engagement]. OAPA Annual Conference, Dublin, OH.

Consolo, K. (2022, February). Science based practices and Supplements to Boost Immunity in Distance Runners [Virtual Conference Presentation]. Annual Ohio Association for Health, Physical Education, Recreation and Dance.

Consolo, K. (2022, December 1). Strategies to Manage Asthma in Distance Runners [Seminar]. 92nd Annual State Convention for the Ohio Association for Health, Physical Education, Recreation and Dance, Kalahari Resort, Sandusky, Ohio.

Crawford, R., Schuller, K., & Wolf, M. (2022, October). Barriers to accessing high quality mental health care in LGBTQ+ populations: Suggestions for mitigation [Conference Presentation]. Equitas Transforming Care Conference, Columbus, Ohio.


Delaney, E. (2022, September). Assessing Undergraduate Nursing Students’ Comfort Level in Using Personal Pronouns when Providing Care to Clients in Rural Appalachia [Virtual Invited Refereed College of Health Sciences and Professions: Faculty & Student Research & Scholarly Awards (CY 2022)
Oral Presentation]. World Virtual Summit on Nursing Education and Health Care: Discovering New Pathways for Nursing Education, London, United Kingdom.


Do, H., & Brooks, G. (2022, October). Data simulation and parameter estimation under the multi-dimensional item response model using the mirt package in R [Workshop Presentation]. Workshop presented at the annual meeting of the Mid-Western Educational Research Association, Cincinnati, OH.


Dos Santos, P., Chertok, I., & Haile, Z. (2022, November 3). Influence of quality of antenatal care on early breastfeeding initiation and exclusive breastfeeding among Haitian mothers [Poster]. Ohio University Health Scholars Research Symposium, Athens, OH.


Ensign, K. (2022, May). LGBTQ+ Health Disparities and Considerations in Athletics. [Invited Presentation]. OhioHealth Capital City Sports Medicine Symposium, Columbus, OH.


Frech, R. (2022, June 17). The Intersection of Poverty and Violence [Virtual Presentation]. Ohio Victim Witness Association Quarterly Member Training.

https://s4.goeshow.com/amia/annual/2022/schedule_at_a_glance.cfm?session_key=196E2798-ED6A-09FF-B64D-962C96963143&session_date=Tuesday%2C%20Nov%2C%202022


Giordano, A., Black, T., Titus, T., & Jeng, F. (2022, April 7). Silent Interval Degrades Machine Learning in Extraction of Human Frequency-Following Responses [Presentation]. Student Research and Creative Activity Exposition, Athens, OH.


Harris, E. (2022, March). *Black Men and Mental Health Panel Discussion* [Virtual Panel Discussion]. Greater Richmond SCAN Mental Health Advocacy Series.


Hopgood, D., & Chertok, I. (2022, May 3). During these COVID times: Rural religious leaders experiences with COVID-19 [Poster Presentation]. Ohio University School of Nursing, Nursing Research and Evidence Based Practice Conference, Athens, OH.


Jeng, F. (2022). *Neuroscience Tutorial* [Guest Speaker]. NEUR 2980T, Athens, OH.

Jeng, F. (2022, December 5). *Machine Learning and Lexical-Tone Responses – Recent Updates and Research Collaborations*. [Invited Presentations and workshop]. China Medical University Hospital, Department of Otolaryngology-HNS, Taichung, Taiwan.


Kingori, C. (2022). *Technology and Sexual and Reproductive Health* [Virtual Invited Guest Lecture Presentation]. GEOG 3310-Geography of Africa course, Geography Department, Ohio University, Athens, Ohio.


Leadingham, C. (2022, May 3). *Preparing Nursing Students to Deliver Quality Palliative Care* [Presentation]. Ohio University School of Nursing 5th Annual Evidence-Based Practice & Nursing Research Conference, Ohio University, Athens, OH.

Leadingham, C. (2022, April 25). *Preparing Nursing Graduates to Deliver Quality Palliative Care* [Presentation]. 17th Annual Clinical Nursing Research Conference, Cleveland, OH.

Leadingham, C., & Vance, R. (2022, April 9). *Nursing Exam Proctoring: Lessons Learned* [Presentation]. 28th Annual AURCO Conference, Kent State University at Stark, North Canton, OH.


Maitin, V. (2022). Gut Microbiota in Nutrition and Health [Invited Talk]. Division of Food and Nutrition Sciences, Ohio University, Athens, OH.

Maitin, V. (2022). Nutrition for College Students [Invited Talk]. Minority Association of Pre-Health Students, Ohio University, Athens, OH.


College of Health Sciences and Professions: Faculty & Student Research & Scholarly Awards (CY 2022)
Newkirk, S., Meisterheim, E., & Evans, N. (2022, February). *Posterior Shoulder Endurance Test Does Not Increase the Supraspinatus Thickness or Decrease Subacromial Space* [Platform Presentation]. APTA Combined Section Meeting, San Antonio, TX.

**Odenthal, J.** (2022, February). *Return to run after ACLR with symmetry normalizing biofeedback and impact reduction treadmill: Case Study* [Peer Reviewed Professional Presentation]. APTA Combined Sections meeting, San Antonio, TX.


**Park, T., & Kim, Y.** (2022, November). *Learning biofeedback in swallowing rehabilitation for graduate students*. American Speech-Language-Hearing Association, New Orleans, LA.


**Polen, T.** (2022, June 22). *Prepping the Patient for Surgery* [Presentation]. Genesis Healthcare System Nurse Residency Program, Genesis Hospital, Zanesville, OH.

Prabhu, P., **Washnik, N.**, Bhatt, I., & **Sergeev, A.** (2022, April 30). *Auditory electrophysiological and perceptual measures in student musicians with high-noise exposure* [Presentation]. 2022 American Academy of Audiology (AAA) Conference, St. Louis, MO.


**Russell, J.** (2022, March 23). *Yearning Bridges is Better Than Burning Bridges: Life Lessons Learned from Bringing Performing Arts and Health Sciences Together* [Keynote Lecture]. Ohio University Global Symposium on Arts, Health, Wellness, and Sustainable Development, Athens, OH.

**Russell, J.** (2022, May 4). *Head Impacts and Concussions in Performing Artists* [Non-Refereed Invited Platform Presentation]. Manchester University, College of Pharmacy, Natural & Health Sciences, Athletic Training Program, Fort Wayne, IN.


**Russell, J.** (2022, May 4). *Hettler’s Six Dimensions of Wellness: What Do We Do with the Spiritual Dimension?* [Non-Refereed Invited Platform Presentation]. Manchester University, College of Pharmacy, Natural & Health Sciences, Athletic Training Program, Fort Wayne, IN.


Schuller, K., Crawford, R., & Wolf, M. (2022, November). *Relationship between access to mental health care services and mental health status of LGBTQ+ patients* [Conference Presentation]. Annual Meeting of the American Public Health Association, Boston, MA.


Shytle, J. (2022, June). *Mental Health First Aid: Adult: Community Training* [Virtual Presentation].


Simon, J. (2022, April). *Concussions: Epidemiology, Long-Term Outcomes, and Diagnostic Testing* [Invited Presentation]. Capital City Sports Medicine Symposium, Columbus, OH.


Sweet, S., Dowell, S., Farus-Brown, S., Byerly, J., & House, S. (2022, May 5). Next Gen NCLEX: Design Basics [Invited Presentation]. Ohio University School of Nursing Faculty Organization, Ohio University, Athens, OH.


Vickers, C. (2022, May). Evaluation of an Online Immunization Provider Training Module to Address Parental Vaccine Hesitancy [Virtual Presentation]. Serving the Underserved: 5th Annual Evidence-Based Practice and Nursing Research Conference, Ohio University School of Nursing, Athens, OH.


Wright, J. (2022, February). Dealing with Microagressions – The Role of the University [Professional Presentation]. Midwest Supervisory Conference, Cincinnati, OH.

Wright, J. (2022, May). Conflict Resolution – having difficult discussions and avoiding microagressions. [Invited Professional Presentation]. Cincinnati Children’s Hospital, Cincinnati, OH.

Wright, J. (2022, May). Eliminating Microagressions in Communication Sciences and Disorders Programs [Invited Professional Presentation]. Ohio State University, Columbus, OH.


Xu, L. (2022, September 6). Hearing science: From acoustics to psychoacoustics. [Presentation]. Faculty of Education, Human Communication, Development, and Information Sciences, University of Hong Kong, Hong Kong, China.

Yellamraju, K., Chertok, I., & Graham, D. (2022, May 3). Resilience among healthcare providers in rural Appalachia [Poster Presentation]. Ohio University School of Nursing, Nursing Research and Evidence Based Practice Conference, Athens, OH.

Neural Activity and Connectivity for Knee Motor Control in Female Adolescent Athletes with a History of Sports-Related Concussion [Podium Presentation]. 15th Annual Emory Sports Medicine Symposium, Atlanta, GA.

Grants Awarded

Intramural Grants
Fiscal Year 2022

1. **Chertok, I.** (FY23) *Experience of Child Feeding Among Ukrainian Refugee Mothers*. Baker Award. $2,810.00.

2. **Grooms, D.** (FY22) *Chleboun Scholar Award*. $20,000.00

3. **Grooms, D.** (FY22) *Chleboun Scholar Award*. $20,000.00


5. **Lee, C.** (FY23) *CSDeep Learning Seminar*. 1804 Award. $9,097.00.


8. **Xu, L.** (FY22) *Using Artificial Intelligence to Enhance Human Speech Perception in Noise*. ASPIRE Award. $12,000.00.
Extramural Grants
Fiscal Year 2022 and Calendar Year 2022
(1/1/22 - 12/31/22)

The reported amount reflects the annual allocation for each received grant

1. Berkeley, F. (PI), Simon, J. (Co-PI), Developing A Tailored Stigma Reduction Intervention to Increase Buprenorphine Prescribing Among Rural Primary Care Providers in Ohio, National Institutes of Health, 7/25/22, $241,020.00.


5. Brooks, A. (PI), Sherow, J. (Co-PI), Cares: Amesville Elementary Kids on Campus ODJFS Phase 3 Child Care Stabilization, Ohio Department of Jobs and Family Services, 7/21/22, $105,000.00.

6. Brooks, A. (PI), Sherow, J. (Co-PI), Cares: Belpre High Kids on Campus ODJFS Phase 3 Child Care Stabilization, Ohio Department of Jobs and Family Services, 7/21/22, $116,000.00.

7. Brooks, A. (PI), Sherow, J. (Co-PI), Cares: Coolville Elementary Kids on Campus ODJFS Phase 3 Child Care Stabilization, Ohio Department of Jobs and Family Services, 7/21/22, $105,000.00.

8. Brooks, A. (PI), Sherow, J. (Co-PI), Cares: Federal Hocking Middle-High Kids on Campus ODJFS Phase 3 Child Care Stabilization, Ohio Department of Jobs and Family Services, 7/21/22, $105,000.00.
9. **Brooks, A. (PI), Sherow, J. (Co-PI)**, Cares: Millcreek Elementary Kids on Campus ODJFS Phase 3 Child Care Stabilization, Ohio Department of Jobs and Family Services, 7/21/22, $182,000.00.


13. **Chertok, I. (PI)**, Lima Dos Santos, S. (Co-PI), Graduate Assistantship, Gretchen Swanson Center for Nutrition, 8/4/22, $26,026.00.


17. **Grooms, D. (PI), Simon, J. (Co-PI)**, Discovery of the Neural Drivers Underlying Injury-Risk Biomechanics, National Institutes of Health, 5/12/22, $177,694.00.

18. **Grooms, D. (PI), Simon, J. (Co-PI)**, Elucidating the Spectrum and Clinical Relevance of Cognitive-Motor Interactions Following Rehabilitation for Anterior Cruciate Ligament Reconstruction, Montana State University, 10/17/22, $19,087.00.


23. Kingori, C. (PI), Immersive Gaming Technology to Improve HIV Prevention Continuum Among Immigrant and Refugee Youth in the US Midwest Region, Columbia University, 12/22/22, $20,000.00.

24. Plock, T. (PI), Hodges, R. (Co-PI), Diversity in Ohio’s Behavioral Health Workforce, Mental Health and Addiction Advocacy Coalition (MHAAC), 12/16/22, $39,887.00.


26. Plouck, T. (PI), Hodges, R. (Co-PI), Optimizing Healing in Ohio Communities (OHIO), Ohio State University, 4/25/22, $126,074.00.


29. Shaw, K. (PI), CHW Self-Care Project, University of Toledo, 10/14/22, $16,838.00.

30. Shaw, K. (PI), Community Health Workers Workforce Development Initiative, Ohio Department of Health, 9/12/22, $100,000.00.


32. Sherow, J. (PI), Hutchison, P. (Co-PI), NASA Summer Stem 2022, NASA – Glenn Research Center (Former Lewis RC), 4/4/22, $1,000.00.


36. Sherow, J. (PI), Johnson, L. (Co-PI), Brooks, A. (Co-PI), Holmstrand, L. (Co-PI), Belpre Elementary Kids on Campus FY23 – 21st CCLC, Belpre City Schools, 8/31/22, $190,352.54.


38. Sherow, J. (PI), Johnson, L. (Co-PI), Federal Hocking Elementary Kids on Campus FY23 – 21st CCLC, Federal Hocking Local Schools, 10/24/22, $100,000.00.

39. Sherow, J. (PI), Johnson, L. (Co-PI), Federal Hocking Middle-High Kids on Campus FY23 – 21st CCLC, Federal Hocking Local Schools, 10/19/22, $95,440.00.

40. Sherow, J. (PI), Johnson, L. (Co-PI), Millcreek Elementary Kids on Campus FY23 – 21st CCLC, Southern Local Schools, 9/14/22, $99,400.00.


42. Simon, J. (PI), Overuse Injuries: Documenting Overuse and Non-Time-Loss Injuries in PAC-12 Sports, Oregon State University, 8/17/22, $7,697.00.

43. Terman, R. (PI), Arnold, T. (Co-PI), Heritage-Eco Corridor Database Project: Supporting a Regional Experience-Based Economy in Appalachian Ohio, East Tennessee State University, 11/10/22, $5,000.00.
STUDENT RESEARCH AND SCHOLARSHIP

Student Travel Research Presentations


2. Moore, H. Impact of Live Healthy Kids on Nutritional Knowledge and Food Preferences


4. Golden, K. A comparison of resting metabolic rate using indirect calorimetry, the InBody 770 and prediction equations

5. Morell, J. Therapeutic effects of cannabidiol for inflammation-driven, non-communicable disease

6. Abdella, L. A Food Pharmacy's Impact on Cardiovascular Disease Risk Factors

7. Miller, S. An Analysis of Hunger Hormones After Consumption of Protein or Carbohydrate Breakfast Drink

8. Morgan, K. Relationship of phase angle to performance metrics in NCAA division I football players

9. Filipowksi, M. Changes in Body Composition Markers over Preseason Camp in NCAA Division I Football Players

10. Brown, A. Excessive Ethanol Intake in Mice Does Not Impair Recovery of Torque Following Repeated Bouts of Eccentric Contractions

Gary S. Neiman Graduate Student Research Award (Research Grant)

1. Spitzley, Alyson, “Development of a Profile of Confidence and Willingness to Communicate for Children who use Augmentative and Alternative Communication’. Advisor: John McCarthy. $500.00 award
Student Research Grants


3. Kline, Kelly, “Relations Between Narrative Skills, Theory of Mind, and Executive Function in College Students”. Advisor: Joann Benigno. $80.00 award.


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