

Wayne C. Miller – Biography

Dr. Wayne C. Miller serves as the Provost and Chief Academic Officer for the Pacific Northwest University of Health Sciences. Prior to PNWU, Dr. Miller served as Professor and Dean of the College of Science at Morehead State University. As Dean, Dr. Miller supervised health sciences programs and STEM programs in nine different departments. He initiated new degree programs at the graduate and undergraduate level; and brought them through successful accreditation. Prior to Morehead State, Dr. Miller was founding Director of the Center for Rural and Community Health at the West Virginia School of Osteopathic Medicine (WVSOM). In that role, his primary responsibility was outreach and engagement for the medical school. His team worked with healthcare providers in rural clinics, hospitals, and county health departments throughout the state of West Virginia – providing support for disadvantaged communities in rural Appalachia. His team designed and implemented a novel community health worker training program, that was ultimately accepted by the West Virginia Bureau for Public Health. Dr. Miller served as Chair of the Department of Exercise Science at George Washington University before going to WVSOM. His team there provided health education programs for underserved community members living in subsidized housing in Washington, DC. Dr. Miller's first position was at Indiana University, where he taught undergraduate and graduate, students in various health professions. Dr. Miller holds degrees from Southern Utah State University (B.A.), Utah State University (M.S.), and Brigham Young University (Ph.D.).

Dr. Miller is an accomplished academician. He has published over 73 research articles, written 14 books, written 9 book chapters, and has given 139 scientific oral or abstract presentations. He served as Editor or Associate Editor for 5 journals, and as a manuscript reviewer for 19 journals. Dr. Miller has obtained \$9.5 million in external funding to support his research and academic programs. Dr. Miller has won awards for his teaching and service to the profession. He served on several national panels and advisory boards.

WAYNE C. MILLER, Ph.D.

PROVOST AND CHIEF ACADEMIC OFFICER

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BACKGROUND AND WORK EXPERIENCE

Education:

B.A. Physical Education/Math – Southern Utah State College
M.S. Exercise Physiology – Utah State University
Ph.D. Exercise Physiology – Brigham Young University
Post-Doctoral Work – University of Illinois at Chicago

Current Role:

Provost and Chief Academic Officer – Pacific Northwest University of Health Sciences (PNWU, 2023 – current)

- Administrator over 5 professional graduate programs and their respective Deans and/or Program Directors – College of Osteopathic Medicine, Master of Arts in Medical Sciences (MAMS), School of Physical Therapy, School of Occupational Therapy, and the School of Dental Medicine
- Administrator over university academic support offices – Office of Scholarly Activity, Integrated Institutional Effectiveness, Library Services, Simulation Center, Dean of Students, Faculty Senate, Recruitment, Admissions, Financial Aid, and Registrar
- Member of the President’s Advisory Council (PAC)
- Academic Liaison to the University Board of Trustees
- Partial oversight over 3 collaborative programs – Northwest Interdisciplinary Health Collaborative (NIHC), Washington State University Pharm D program, Washington State University Nursing program

Major Accomplishments & Initiatives in Current Role:

Provost and Chief Academic Officer – Pacific Northwest University of Health Sciences (PNWU, 2023 – current)

- TBD

Past Positions, Responsibilities, and Accomplishments:

Dean – College of Science, Morehead State University (2016 – 2023)

- Administrator for a college that has 4,000+ students, 120-130 full-time faculty, 60-70 part-time faculty, and 40 dual enrollment faculty
- Dean over a college that has 7 Academic departments – Agricultural Sciences; Biology/Chemistry; Kinesiology, Health & Imaging Sciences; Mathematics; Nursing; Physics, Earth Sciences & Space Systems Engineering; and Psychology

- Dean over a college with 57 degree programs
- Co-Administered MSUTeach – Morehead State University’s teacher education licensure program for secondary education STEM teachers
- Dean with partial administrative oversight for an extended campus M.S. degree program in Physician Assistant Studies
- Dean over the Center for Health Education and Research (CHER) – a collaborative among Morehead State University, Saint Claire Regional Medical Center, the University of Kentucky, and the Kentucky Northeast Area Health Education Center (AHEC)
- Dean for the Eagle Scholars Program – 1,400 dual-enrollment high school students earning college credits at MSU while still enrolled in high school
- Dean for the Craft Academy for Excellence in Science & Mathematics – dual-credit residential high school for 148 academically exceptional Kentucky high school juniors and seniors
- Dean who leads MSU offerings at 3 satellite campuses
- University administrative member of the Steering Committee for the Kentucky Biomedical Infrastructure Network (KBRIN). The goal of this organization is to develop a network of support for biomedical researchers and educators within the commonwealth of Kentucky. The KBRIN is supported by a grant from the National Institute of General Medical Sciences (NIGMS).
- University administrative member of the Steering Committee for the Kentucky IDeA Networks for Biomedical Research Excellence (INBRE). The goal of this organization is to foster development, coordination, and sharing of research resources and expertise that will expand research opportunities and increase the number of competitive investigators in IDeA eligible states. The IDeA is supported by a grant from the National Institute of General Medicine (NIGMS).
- Completed 5-Year program reviews for the following academic departments/programs
 - Agricultural Sciences – B.S.
 - Agricultural Sciences – Veterinary Sciences, B.S.
 - Agricultural Sciences – Veterinary Technician, B.S.
 - Biology – Biology, General B.S.
 - Biology – Biomedical Sciences, B.S.
 - Biology – Biology, General B.S.
 - Chemistry – Chemistry General B.S.
 - Earth & Space Sciences – Earth Systems Sciences, B.S.
 - Earth & Space Sciences – Space Science, B.S.
 - Kinesiology, Health & Imaging Sciences – Imaging Sciences, A.S.
 - Kinesiology, Health & Imaging Sciences – Imaging Sciences, B.S.
 - Kinesiology, Health & Imaging Sciences – Kinesiology, B.S.
 - Kinesiology, Health & Imaging Sciences – Kinesiology, M.A.
 - Kinesiology, Health & Imaging Sciences – Exercise Science, B. S.
 - Kinesiology, Health & Imaging Sciences – Wellness Promotion, M.A.
 - Math – Math, B.S.
 - Nursing – A.A.S.N.

- Nursing – B.S.N.
- Nursing – M.S.N.
- Physics – Physics, B.S.
- Opened a new cohort for the B.S. in Nursing degree, doubling enrollment capacity from 60 students per cohort to 120 students per cohort
- Initiated the following new degree programs:
 - Nursing M.S. degree – Family Nurse Practitioner
 - Actuarial Science B.S. degree/track – Department of Mathematics
 - Geo Spatial Science B.S. degree – Department of Physics, Earth Science & Space Systems Engineering
 - Space Systems Engineering B. S. degree – Department of Physics, Earth Science & Space Systems Engineering. This is the first engineering degree in the history of MSU.
 - Physics Minor – Department of Physics, Earth Science & Space Systems Engineering
 - Astrophysics Minor – Department of Physics, Earth Science & Space Systems Engineering
 - MSUTeach – an area track in Mathematics that has a teaching certification with an endorsement for Computer Science
 - Data Analytics Track in Mathematics – Department of Mathematics
 - Certificate program in Precision Agriculture – Department of Agricultural Sciences
 - Implemented a new Nursing degree program – AASN to MSN (Associate of Applied Science in Nursing to a Master of Science in Nursing: Family Nurse Practitioner). This allows for licensed nurses to move directly into a graduate nursing program without needing to obtain a baccalaureate first.
 - Environmental Science degree track – Department of Biology and Chemistry
- MSU Strategic Plan – There are 4 sections of the new MSU strategic plan: Student Success; Outcomes; Academic Excellence; and Rankings, Reputations, and Regional Responsiveness. I was a leader who was instrumental in the writing of the Academic Excellence section.
- University Administrative Regulations (UARs) – MSU’s new president ordered a review of all UARs. I was assigned several UARs to review and re-write. The most extensive of all the UARs is #136, Instructional Delivery, Definitions, Course Scheduling, & Workload Definitions. This UAR defines all types of instructional delivery, how credit hours are defined, how faculty workloads are determined, how faculty are paid, etc. This UAR has to meet national accreditation standards. I reviewed and re-wrote the UAR, along with the several other UARs I was assigned.
- Evaluation of Part-Time (Adjunct) Faculty – I was tasked to write a policy for our entire university to follow when evaluating all part-time, adjunct, clinical, dual enrollment, and fractionalized faculty. I also developed standardized forms to be used for evaluating these faculty under all instructional settings.

- MSU General Education Review – The General Education Program at MSU went under review (2017-2018). I was one of only two Deans on the steering committee for the review. The General Education Program was reviewed, a new program was designed, and is now being implemented.
- Southern Association of Colleges & Schools, Commission on Colleges (SACS COC) – I am a trained evaluator and on the SACS COC evaluator registry.
- Institutional Accreditations
 - I contributed documentation and helped write for the University’s Institutional SACSCOC mid-cycle reaffirmation accreditation.
 - I contributed documentation and helped write for the University’s Institutional full-cycle re-accreditation
- Program-Specific Accreditations – As Dean, I supervised, monitored, and edited documents for professional accreditations for the following degree programs in the College of Science.
 - M.S. in Nursing (Inaugural): Accreditation Commission for Education in Nursing (ACEN) – National Accreditation – 100% compliance
 - B.S. Imaging Sciences: Joint Review Committee on Education in Radiologic Technology (JRCERT) – National Accreditation – 100% compliance
 - A.S. Radiologic Science: Joint Review Committee on Education in Radiologic Technology (JRCERT) – National Accreditation – 100% compliance
 - B.S. Veterinary Technology Interim Review: American Veterinary Medicine Association Committee on Veterinary Technician Education and Activities (CVTEA) – National Accreditation – 100% program compliance, with only negative comments on facility maintenance.
 - A.S. Nursing: Accreditation Commission for Education in Nursing – National Accreditation – 100% compliance, with no suggestions for improvement.
 - A.S. Nursing: Kentucky Board of Nursing (KBN) – State Licensure Board - 100% compliance
- Program Mapping – I was the leader in mapping all Student Learning Objectives (SLOs) with all Program Competencies for all degree programs, tracks, and areas for the College of Science in preparation for the upcoming Southern Association of Colleges & Schools, Commission on Colleges (SACS COC) accreditation for the university. A total of 57 degree programs were reviewed.
- Blue Ribbon Task Force – I was tasked to lead up one of four committees on the MSU President’s Blue Ribbon Task Force. The Task Force was charged with empowering eastern Kentucky by building collaborations between MSU and regional stakeholders. My committee was responsible for Health & Wellness. We developed a plan to improve the health and wellness of the region through education and workforce development. The plan was accepted by MSU’s President.
- UK Physician Assistant Program (PA) – The University of Kentucky has an extended PA program on the MSU campus. I am the on-site administrator for that program. I receive 5% salary offset for my work with the program. We have developed a pipeline for MSU

students applying to P.A. school, and for the past four years, 50% of the entering PA cohorts have been MSU graduates.

- College of Science Self-Study Report – The 2015 self-study outlined steps to take for 8 of the College of Science degree programs that were on “monitor” status, because of poor performance. I implemented and completed all of the steps suggested for reform in a period of 1.5 years.
- UK Medical School Expansion – I was the MSU contact and lead on the proposed expansion of the University of Kentucky Medical School to the MSU campus. I negotiated the deal along with Saint Claire Regional Medical Center and the University of Kentucky. All was about to be finalized, and then the Kentucky budget crisis hit. UK put the project on hold. Nonetheless, I was the lead, and negotiated everything to the point of finalization before the crisis.
- MSU Physical Therapy Program – MSU is developing a Doctorate in Physical Therapy degree program. I was the lead person in that development. I worked on and off campus to prepare the self-study for the accrediting agency (CAPTE). I developed a timeframe for program development, developed the budget for implementation, developed the facility remodeling plan (with budget), and ran a cost analysis. We started recruiting a Program Director, before the initiative was put on hold due to KY state budget cuts.
- MSU Administrative and Program Restructuring – I was tasked to propose a total restructuring plan for the university. The plan was to consider the possibility of combining colleges, forming a new college, and realignment of programs. I completed the proposal with three possible infrastructures. The proposal was accepted by the Provost, and at the President’s door, when the President resigned. This was not a priority for the new President.
- SWOT Analysis – I performed a SWOT analysis for the College of Science that was presented to the new MSU president (July, 2017).
- Math Co-Requisite Model – Many MSU students enter college with deficiencies in math. Under my Deanship, the Math Department transformed our developmental math pre-requisite model to a co-requisite model. In this model, students take co-requisite math courses so that by the end of their freshman year, they have completed at least one university-required math course (general education or major requirement). After the first year of the program the percentages improved from 36% to 49%, then to 60%, 65% and 68% the next three years.
- Craft Academy – MSU has a residential high school on its campus. This residential high school is an early college program, where gifted junior/senior high school students take college courses for dual credit in the STEM-H concentrations, while living on the MSU campus. I am the Dean who is the liaison between the Craft Academy and the university. I am responsible for matching the college curricula offerings with the dual credit high school student needs. In the two years of existence, we reached capacity at 120 students. In 2020, we increased capacity to 148 students. Our incomplete/dropout rate from the Craft academy is only 2%.
- Eagle Outreach – MSU developed a recruiting/pipeline program with high schools in MSU’s service region. I was selected by the President to lead one of the inaugural four

teams. My team was the first to implement the plan of developing a pipeline with one of the high schools in MSU's service region. Enrollment increased by approximately 18%.

- MSUTeach – The UTeach program was developed at the University of Texas as an innovative way to recruit undergraduate science, technology, engineering, and mathematics (STEM) majors and prepare them to become teachers. Forty-six universities are part of the UTeach consortium. MSU joined the consortium the year I became Dean. I am the Dean at MSU who houses the MSUTeach Co-Director, responsible for science content. Under my Deanship, we have eliminated all teacher education programs in the STEM departments and replaced them with MSUTeach programs. This is a joint venture with the MSU College of Education.
- My college is working with Beechwood Independent School system to plan a collaborative among private high schools, business, and our university. Our goal is to work collaboratively to improve college readiness and workforce development in north central Kentucky. I am the leader for this initiative.
- My college was the first college at MSU to formulate complete transfer agreements with Ashland Community & Technical College; to where community college students entering any degree program in our college can graduate in four years with no more than 120-123 credit hours. We now established similar transfer agreements with the other three colleges in the Kentucky Community & Technical College System.
- Eagle Excellence Program – I helped our MSU's Nursing Department design an academic support system for struggling students in our pre-licensure programs. Struggling students are referred to the program at the first sign of poor academic performance. Since students are targeted early, the remediation process is less burdensome and gets students back on track before they drop out or are forced to leave the degree program. Retention in the program has improved by about 20%.
- New University Administrative Regulation (UAR) – I was tasked to write a new teaching regulation that the entire university will abide by in emergency situations (e.g., COVID-19, natural disasters). This policy includes procedures and processes as to how adaptable learning methods will be implemented by the university and its faculty in any state of emergency.
- I performed a program evaluation for all of the degree programs in our college. This review had to follow data analysis guidelines and recommendations set forth by the Kentucky Council on Postsecondary Education and Gray Associates Analytics. I successfully completed the review and recommendations for 42 degree programs.
- I successfully negotiated a guaranteed acceptance program into the Marshall University School of Physical Therapy. The MOA guarantees that students from Morehead State University will be guaranteed admittance into the Doctorate of Physical Therapy degree program at Marshall University, if the students met certain criteria.
- I successfully negotiated an early acceptance program into pharmacy school with two different universities.
- Institutional Fundraiser – I raised approximately \$4,000,000 in support of the university
- Fundraising Support – I was instrumental in assisting the University President secure \$250,000 from the Kentucky Legislature for the Space Science programs in my College.
- I worked for 3 years with our university President and our Associate Vice President of Facilities & Operations to get a capital building project on top of the Kentucky State

funding list. We were successful in obtaining \$98 million in the 2022 budget appropriations bill to build a new Science & Technology building.

- I was lead author/investigator on an institutional grant that successfully secured \$294,600 for student recruitment, faculty development, and economic development in the nursing and imaging sciences professions – The Kentucky Healthcare Workforce Collaborative
- I worked with Congressman Hal Rogers to secure \$3,000,000 in Federal Funding (Budget Appropriation) for Medical Equipment for the Morehead State University Medical Training Complex.

Founding Director – Center for Rural and Community Health (CRCH), West Virginia School of Osteopathic Medicine (2010-2016)

- Oversaw all aspects of research, education, outreach, and service for the CRCH
- Managed the CRCH budget and budgets for research and service projects
- Managed the CRCH staff
- Completed needs assessment for the Center
- Wrote the mission statement and policy statements for the Center
- Wrote the 1-year, 3-year, and 5-year Strategic Plans for the Center, including budgets
- Opened the Center and hired/trained staff
- Launched a health literacy campaign across southeast West Virginia
- Designed a Community Health Worker training and certification model called CHERP (Community Health Education Resource Person) that was accepted by the West Virginia Bureau of Public Health and used across the entire state of West Virginia. It is currently the only community health worker certification program recognized by the state of West Virginia, and the only one from West Virginia in the national community health worker registry.
- Wrote 3 CHERP training manuals and developed 3 training programs for the CHERP community health worker program.
- Hired and trained 3 trainers for the CHERP community health worker program
- Trained and certified over 300 community health workers (CHERPs) across the state of West Virginia.
- Led several health education/promotion projects in cooperation with the West Virginia Bureau for Public Health – totaling approximately \$7 million.
- Contributed documentation and editorial for the medical school accreditation
- Contributed documentation and editorial for the approval from the West Virginia Higher Education Policy Commission to approve graduate program status for the medical school
- Wrote the new Morehead State University Faculty Handbook.

Chair of Administration – George Washington University (GWU) Department of Exercise Science (2008-2010)

- Managed a \$7,000,000 budget
- Approved all department purchases
- Managed building use agreements

- Managed allocations for faculty, staff, and students
- Supervised Administrative Manager and staff
- Supervised Manager of Educational Programs
- Acted as personnel officer and resolved grievances
- Managed hiring and re-hiring of 60+ adjunct faculty
- Supervised the accreditation of the Athletic Trainer curricula
- Proposed and implemented a new Master's degree track for the department
- Increased enrollment of the department service courses by 20%
- Contributed documentation and editorial for the School of Public Health and Health Services national accreditation

Chair – George Washington University Department of Exercise Science (2007-2008)

- Managed a \$7,000,000 annual budget
- Supervised 10 full-time faculty, 60+ Part-time faculty, 4 Staff members, 16 Graduate Assistants, 3 Work Study Students
- Oversaw 3 Master's degree tracks, 2 Undergraduate Major degrees
- Managed service courses for over 1,000 students a semester
- Hired 4 new full-time faculty members and 2 new staff members
- Proposed and implemented a new Master's degree track for the department
- Increased the department graduate assistantships offered by 2 positions

Graduate Programs Coordinator – George Washington University Department of Exercise Science (1997-2006)

- Thesis coordinator for the Department of Exercise Science
- Graduate Admissions Director for Department
- Coordinated 3 graduate degree programs for the Department
- Trained all Graduate Teaching Assistants for the Department
- Completely revised the graduate curricula for two Master's degree programs
- Implemented a new Master's degree track
- Revised admissions criteria for the School of Public Health at GWU
- Developed a training program for graduate assistants in the department
- Increased graduate student enrollment by 100%

Founding Treasurer and Membership Clerk – International Society of Behavioral Nutrition and Physical Activity (ISBNPA, 2001-2006)

- Handled all national and international banking activities for the society
- Handled all membership records for the society
- Managed a \$250,000 annual budget
- Managed membership records
- Wrote the mission and policies for the Treasurer position
- Assisted in writing bylaws for the society
- Assisted in writing the mission statement and strategic plan for the society
- Initiated and implemented all the financial and legal fundamentals for the society

- Obtained the 501c3 status for the society
- Organized and ran the 2nd annual meeting for the society
- Increased membership from 100 to 1,000

Editor for the Healthy Weight Journal (2006-2008)

- Responsible for peer reviews of journal articles
- Managed monthly and annual budget for journal publication
- Supervised assistant editor and staff member
- Increased circulation of the journal by 10%
- Instituted a new peer-review system for the journal

Editor for the Health at Every Size Journal (2005-2006)

- Responsible for peer reviews of journal articles
- Managed monthly and annual budget for journal publication

Director – George Washington University Healthy Weight Management Programs (1997-2010)

- Supervised 1 full-time staff member and 1 Graduate Assistant
- Supervised clinical research and clinical activities
- Designed the concept and implemented the programs
- Trained staff and graduate students on how to run the programs

Programs Coordinator – Women’s Exercise Research Center, George Washington University (1997-2010)

- Managed a \$50,000 annual budget
- Supervised 1 full time staff member and 1 Graduate Assistant
- Supervised all clinical and research activities
- Supervised all service activities
- Implemented a new employee accountability system
- Brought the Center from operating in a \$20,000 deficit to operating with a profit within one year

Lab Director – Human Performance Lab, George Washington University (1997-2010)

- Supervised 2 degree programs that utilized the lab space
- Oversaw all research activities
- Oversaw all teaching activities and student projects
- Redesigned the lab

Clinical Director – Non-Diet Diet (NDD) Centers, Inc. (1992-1994)

- Responsible for program design
- Responsible for clinical testing and evaluations
- Counseled clients individually and in small groups
- Designed all of the programs running through the NDD center
- Trained all clinical staff working in center

Director of Indiana University Weight Loss Clinic (1988-1995)

- Supervised all clinical testing and evaluation
- Supervised 1 Graduate Assistant
- Directed all clinical research
- Created the Center, its administrative structure, and all its programs
- Trained faculty workers and student staff to work in the Center
- Supervised and managed all aspects of the Center

Lab Director – Exercise Biochemistry Lab, Indiana University (1987-1995)

- Oversaw all research and teaching lab activities
- Built the lab from ground up – designed the lab space, purchased all equipment

Community Recreation Program Director (1983)

- Managed a \$40,000 budget
- Managed two teaching facilities
- Trained instructors
- Managed schedule of classes
- Designed and instituted a new recreation program for the community

Awards/Honors/External Grant & Contract Support:

- 2023 – United States Federal Government. Federal Budget Appropriation: \$3,000,000 for Morehead State University Medical Training Complex
- 2022 – Kentucky Healthcare Workforce Collaborative. \$294,600: Kentucky Council on Postsecondary Education
- 2019 – Endowed Chair of Nursing and Imaging Sciences, Morehead State University
- 2017 – Physical Therapy Developing Program Grant. \$150,000: Kentucky Hospital Research and Education Foundation.
- 2015 – WV CTSI CHERPs or West Virginia Clinical and Translational Science Institute Community Health Education Resource Persons. \$162,708: West Virginia Clinical and Translational Science Institute.
- 2015 – Community Health Worker Workforce Development in West Virginia. \$22,667: Claude W. Benedum Foundation.
- 2014 – CDC Prevention Health Block Grant: CHERPs in West Virginia. \$24,250. Federal Centers for Disease Control and Prevention and WV Bureau for Public Health.
- 2014 – Diabetic Rural Health: Accelerating Research Transition Award (Co-Investigator). \$90,000: West Virginia Clinical and Translational Science Institute and the Claude W. Benedum Foundation
- 2014 – Community Health Workers in West Virginia. \$9,180. Claude W. Benedum Foundation
- 2012 – American Association of Colleges of Osteopathic Medicine (AACOM): HIS & HER Health Literacy Campaign – AACOM Excellence in Communications, 2012
- 2012 – West Virginia Screening, Brief Intervention, Brief Treatment, and Referral to

- Treatment (WVSBIRT). \$20,000: West Virginia Department of Health and Human Resources, Bureau for Behavioral Health and Health Facilities
- 2011 – West Virginia Community Transformation Grant – \$265,500: Department of Health and Human Services, Federal Centers for Disease Control and Prevention
- 2011 – CHERP (Community Health Education Resource Person) project - \$159,000: Claude Worthington Benedum Foundation
- 2009 – Safe Routes to School Research Award – \$40,000: District of Columbia D.O.T.
- 2009 – Honor award of Fellow of the International Society of Behavioral Nutrition and Physical Activity (ISBNPA)
- 2008 – DXA Clinical Trials Research Contract - \$ 3,900
- 2007 – DXA Clinical Trials Research Contract - \$14,700
- 2006 – Robert Wood Johnson Foundation – ISBNPA Conference Support Grant - \$8,000 (Co-Investigator)
- 2006 – DXA Clinical Trials Contracts - \$36,884
- 2005 – IHRS (International Health Racquet and Sportsclub Association) – American Attitudes and Perceptions Toward Commercial Health Club Membership - \$42,300 (Co-Investigator)
- 2005 – DXA Clinical Trials Contracts - \$20,650
- 2004 – DXA Clinical Trials Contracts - \$8,430
- 2003 – MERC 011 Clinical Trials Contract - \$13,500
- 2003 – Leading Health Indicators Achievement Benefit Project (Co-Investigator) - \$10,000
- 2001 – SERONO 22388 Study Contract - \$3,000
- 2000 – AHA: Autonomic Control of Exercise Heart Rate and Chronotropic Incompetence in Down Syndrome (Co-Investigator) - \$212,187
- 1999 – Gilead Sciences 99-903 Study Contract - \$1,800
- 1999 – NIH: Weight Gain in African-American Girls (Co-Investigator) - \$4,739,489
- 1999 – Estimation of Metabolic Rate with Basic Physical Measurements and a Simple Questionnaire, Physician’s Committee for Responsible Medicine, (Co-Investigator) - \$27,640
- 1998 – Healthy Weight Management Programs - \$13,000
- 1998 – Fellow - North American Association for the Study of Obesity
- 1994 – Monroe County YMCA Research Project - \$7,250
- 1993 – Texas Agricultural Extension Service (Co-investigator) - \$6,300
- 1990 – Research Award, *Int J Sports Nutr.*
- 1990 – Eleanor Naylor Dana Charitable Trust - \$16,226
- 1990 – Clinical Research Award - The Obesity Foundation; \$2,000
- 1990 – Research Contribution Award, *International Journal of Sports Nutrition.*
- 1989 – Research Contribution Award, The Obesity Foundation
- 1989 – Biomedical Research Support Grant - National Institutes of Health; \$2,000
- 1988 – Money generated through IU Weight Loss Clinic Research - \$5,000
- 1988 – Outstanding Men in America
- 1987 – Editorial Advisory Board - *Healthy Weight Journal*
- 1986 – Fellow - American College of Sports Medicine
- 1985 – National Research Service Award - NIH: NHLBI; \$20,000
- 1984 – Young Investigator Research Award - American Diabetes Association, Northern Illinois Affiliate; \$5,000

- 1983 – Sigma Xi Research Society
- 1982 – Phi Kappa Phi Honor Society
- 1978 – Outstanding Teacher Education Graduate - Southern Utah State College
- 1977 – Certificate of Achievement in Physical Education - Southern Utah State College

Consultations/Advisory Panels/Program Development:

- 1984 – 1985 Exercise & Nutrition Consultant to the Executive Fitness Centers, Inc.
- 1986 Developed the Non-Diet Diet weight loss program; the first non-dieting weight management program that focuses on diet composition and activity rather than caloric restriction for obesity therapy
- 1987 – 2001 Editorial Advisory Board Member for the Healthy Weight Journal
- 1988 – 1995 Director of the Indiana University Weight Loss Clinic
- 1991 – 1996 Clinical Director for the Non-Diet Diet Centers, Inc.
- 1992 – 1993 Developed the obesity therapy programs for the Non-Diet Diet Centers, Inc.
- 1992 Nutritional Consultant to the De Ja Vu Bakery
- 1995 Developed the Diabetes Self-Management Record; a monitoring tool to help persons with diabetes manage their dietary behaviors
- 1996 – 2005 Program Coordinator for the George Washington University Women’s Exercise Research Center
- 1997 – 2010 Director of the George Washington University Healthy Weight Management Programs
- 1997 – 2003 Member and developer of the Federal Trade Commission sponsored Partnership for Healthy Weight Management
- 1998 Member of the Federal Trade Commission sponsored Committee on Weight Loss Disclosure Guidelines
- 1998 – 2003 Member of the Federal Trade Commission sponsored Committee on Consumer Education in Weight Loss
- 1998 – 1999 Scientific Advisor/Writer for the production of a college level nutrition video titled: The Nutty, Nougat-filled World of Human Nutrition
- 1998 - 2003 Research advisor and consultant to the Physician’s Committee for Responsible Medicine
- 2001 – 2006 Treasurer for the International Society of Behavioral Nutrition and Physical Activity
- 2001 Consultant to Cerebellum Corporation for production of Nutrition Video Modules
- 2001 – 2003 Editor of the Healthy Weight Journal
- 2002 – 2006 Editor of the Health At Every Size Journal
- 2003 USDA Cooperative State Research, Education, and Extension Service Grant Review Panel Member – Human Nutrition and Obesity
- 2003 NIH National Cancer Institute Grant Review Panel Member – Nutrition & Physical Activity
- 2004 Conference Coordinator for the International Society of Behavioral Nutrition and Physical Activity Annual Meeting – Washington DC
- 2004 – 2006 USDA Cooperative State Research, Education, and Extension Service Grant

- 2004 – present Review Panel Member – Human Nutrition and Obesity
 Member of the Council of Healthcare Advisors
- 2007 USDA Cooperative State Research, Education, and Extension Service Grant
 Review Panel Member – Institution Teaching and Research Capacity Building Grants
- 2008 USDA Cooperative State Research, Education, and Extension Service Grant
 Review Panel Member – Research Capacity Building Grants
- 2009 Grant Reviewer – Alberta Heritage Foundation for Medical Research
- 2010 – 2011 USDA National Institute of Food and Agriculture Grant Review Panel member – Human Nutrition and Obesity
- 2011 – Associate Editor – Open Journal of Preventive Medicine
- 2013 – 2014 BRSS TACS Advisory Team Member (Bringing Recovery Supports to Scale – Technical Assistance Center Strategy). Substance Abuse and Mental Health Services Administration: West Virginia Bureau for Public Health
- 2013 – present Editorial Board – International Journal of Medicine
- 2014 – 2016 WVSOM Institutional Review Board for Human Subjects Research
- 2015 – present Editorial Board – CM Journal of Community Medicine
- 2016 – present Advisory Board – MSU Nursing Programs
- 2016 – present Advisory Board – Kentucky Northeast Area Health Education Center (AHEC)
- 2016 – present Advisory Board – MSU Veterinary Technology Advisory Board
- 2020 – present Member of the Steering Committee for the Kentucky Biomedical Infrastructure Network (KBRIN) – National Institute of General Medical Sciences (NIGMS)
- 2020 – present Member of the Steering Committee for the Kentucky IDEa Networks of Biomedical Research Excellence (INBRE) – National Institute of General Medical Sciences (NIGMS)

RESEARCH AND SCHOLARLY ACTIVITY

Books Published:

1. Miller WC. *The Non-Diet Diet: A Simple 100-Point Scoring System for Weight Loss Without Counting Calories*. Morton Publishing Company, Englewood, Colorado, 1991
2. Miller WC. *The Biochemistry of Exercise and Metabolic Adaptation*. Brown & Benchmark, Dubuque, Iowa, 1992
3. Miller WC. *The Biochemistry of Exercise and Metabolic Adaptation*. Wm C Brown, Dubuque, Iowa, 1995. Korean Translation by Kyung-Tae Jang
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 82. Baynard T, Miller WC, Fernhall B. Effects of acute exercise on endothelial function in endurance and resistance trained individuals. *Med Sci Sports Exerc* 2002;34 Suppl:S132
 83. Moreland MM, Henricson HH, Miller WC, Ramsey S. Development of a weight loss index for measuring weight loss success in obesity treatment. *Med Sci Sports Exerc* 2002;34 Suppl:S237
 84. Miller WC. Facts about healthy eating, exercise and lifestyle change. Congressional Briefing for the Eating Disorders Coalition. Washington, DC. June 27, 2002.
 85. Miller WC. Effective health promotion for large people. Department of Defense Population Health & Health Promotion Conference. Baltimore, MD. August 14, 2002.
 86. Miller WC. Os aspectos fisiológicos e comportamentos de exercícios no tratamento de obesidade. Desporto, Actividade Física e Saúde: O Contributo da Ciencia e o Papel da Escola. Porto, Portugal. October 9, 2002.

87. Miller WC, Prista A, Damasceno A, Wamba L, Fernhall B. Metabolic profile and disease risk of obese women in Mozambique. *Med Sci Sports Exerc* 2003;35 Suppl:S32
88. Miller WC. Fighting the Obesity Epidemic. DC Chronic Disease Conference. Washington, DC. September 25, 2003.
89. Miller WC. Fighting the Obesity Epidemic with Exercise. DC Chronic Disease Conference. Washington, DC. September 25, 2003.
90. Miller WC, Prista A, Damasceno A, Wamba L, Fernhall B. Removing barriers to healthy eating and exercise in overweight women of Mozambique. *Med Sci Sports Exerc* 2004;36 Suppl:S298.
91. Miller WC, Diamond JL. Accuracy and reliability of body composition measurements using dual-energy x-ray absorptiometry and air displacement plethysmography. *Med Sci Sports Exerc* 2005;37 Suppl: S302-S303.
92. Miller WC. The weight-loss-at-any-cost environment: how to thrive with a health-centered focus. Shaping a Healthy Future III: A rocky Mountain Conference on Weight Realities, Jackson, WY; April 27, 2005.
93. Miller WC. Is health at every size the antidote for the obesity epidemic? International Society of Behavioral Nutrition and Physical Activity annual conference; Boston, July 14, 2006.
94. Roberson LM, Rossi K, Ward E, Jadwin E, Miller T, Miller WC. Effects of caloric restriction and overnight fasting on cycling endurance performance. *Med Sci Sports Exerc* 2007;37 Suppl: S293.
95. Miller TA, McDonnell K, Vrazel J, Miller WC. Predicting intention to exercise at a commercial health club: an application of the theory of planned behavior. International Society of Behavioral Nutrition and Physical Activity annual conference; Oslo, Norway, June 22, 2007.
96. Hering M, Miller WC, Cothran C, Croteau K, Dunlap R. After School Physical Activity Behaviors in Relation to Adult Supervision. International Society of Behavioral Nutrition and Physical Activity annual conference; Banff, Canada, May 22, 2008.
97. Miller WC, Miller TA. The Effects of Body Weight on Perceived Social Pressure to Exercise in Health Club. International Society of Behavioral Nutrition and Physical Activity annual conference; Banff, Canada, May 22, 2008.
98. Miller TA, Miller WC. Perceived Behavioral Control and Self-Efficacy of Obese and Normal Weight Adults Regarding Exercise at a Health Club. International Society of Behavioral Nutrition and Physical Activity annual conference; Banff, Canada, May 22, 2008.
99. Hering M, Miller WC, Cothran C, Croteau K, Dunlap R. After School Physical Activity Behaviors in Relation to Adult Supervision. *Med Sci Sports Exerc* 2008;40 Suppl: S321.
100. Miller WC, Miller TA. Attitudes of Obese and Normal Weight Adults Regarding Exercise at a Health Club. *Med Sci Sports Exerc* 2008;40 Suppl: S358.
101. Bossard J, Miller WC. Alexithymia is Related to Disordered Eating, Exercise Dependence, and Depression in Young Adults. *Med Sci Sports Exerc* 2009;41 Suppl: S437.
102. Miller WC, Garay J. Physical Activity of Elementary School Children in the Safe Routes to School (SRTS) Program. International Society of Behavioral Nutrition and Physical Activity annual conference; Lisbon, Portugal, June 19, 2009.
103. Miller WC, Garay J. Sedentary Activity Time in Elementary School Children in the Safe Routes to School (SRTS) Program. *Med Sci Sports Exerc* 2010;42 Suppl: S87-S88.
104. Miller WC. Childhood Obesity: It's Not My Fault. Southeast West Virginia Area Health

- Education Center Kickoff; Lewisburg, WV, September 20, 2010.
105. Griffith BN, Lovett GD, Pyle DN II, Miller WC. Self-Rated Health in Rural Appalachia: Health Perceptions are Incongruent with Health Status and Health Behaviors. National Rural Health Association annual conference; Austin, TX, May 5, 2011.
 106. Miller WC. Childhood Obesity: What Does the Battleground Look Like? Southeast West Virginia Area Health Education Center Kickoff; Lewisburg, WV, July 8, 2011.
 107. Brubaker RH, Jacobson BA, Lehman B, Dave SU, Hardy CL, Miller WC. The Health Index Score & Health Enhancement Response (HIS & HER) Health Literacy Campaign. West Virginia Rural Health Association, Morgantown WV, October 26, 2011.
 108. Miller WC, Hering M, Cothran C, Croteau K, Dunlap R. After School Physical Activity and Eating Behaviors of Rural and Urban Middle School Students. West Virginia Rural Health Association, Morgantown WV, October 26, 2011.
 109. Miller WC, Griffith BN, Heinsberg H. Health Literacy Isn't Just Understanding Words, It's Understanding Health. National Rural Health Association, Denver CO, April 18, 2012.
 110. Miller WC, Griffith BN, Leonard TO, Lovett GD, Cochran JD, Heinsberg HB. Relationships Between Perceived Health and Objective Health Status of Rural Appalachian Adults. *Med Sci Sports Exerc* 2012;44 Suppl: S391.
 111. Miller WC. The Conundrum Surrounding Community Health Workers. State Health Education Council of WV, Bridgeport WV, June 4, 2012.
 112. Miller WC. How Community Health Workers Bridge the Gap between Communities and the Health Care System. Mountains of Hope Cancer Coalition, Morgantown WV, July 26, 2012.
 113. Miller WC, Heinsberg HB, Griffith BN. The Missing Piece to the Puzzle: Health Literacy Isn't Just understanding Words, It's Understanding Health. Mountains of Hope Cancer Coalition, Morgantown WV, July 26, 2012.
 114. Miller WC. Childhood Obesity: Why It's the Adults' Fault. Continuing Medical Education Program, Lewisburg WV, March 15, 2013.
 115. Miller WC. Choose MyPlate to Choose Health. Continuing Medical Education Program, Lewisburg WV, March 15, 2013.
 116. Miller WC. Community Health Workers Can Bridge the Gap in Services Between D.O.s and Communities. American Association of Colleges of Osteopathic Medicine, Baltimore MD, April 26, 2013.
 117. Miller WC, Heinsberg HB. Solving Community Health Worker Complexities. National Rural Health Association, Louisville KY, May 10, 2013.
 118. Miller WC. Sifting Through the Garbage: Facts and Myths about Weight Control. Women on Wellness Conference, Lewisburg WV, September 7, 2013.
 119. Miller WC and Heinsberg HB. Choose MyPlate to Choose Health. Women on Wellness conference, Lewisburg WV, September 7, 2013.
 120. Miller WC. Choose MyPlate to Choose Health. MonPower Energy Company, Lewisburg WV, September 16, 2013.
 121. Miller WC. Using Community Health Workers in the West Virginia Clinical Translation Science Institute, Roanoke WV, September 18, 2013.
 122. Bikman T, Meyer C, Miller WC, Griffith B. Appalachian Misconceptions about the Relationships between Health and Health Behaviors. American Osteopathic Association Research conference. Las Vegas, NV, October 1, 2013.
 123. Miller WC. West Virginia CHERPs (Community Health Education Resource Persons).

- West Virginia Rural Health Association conference. Roanoke WV, October 22, 2013.
124. Bikman T, Meyer C, Miller WC, Griffith B. Appalachian Misconceptions about the Relationships Between Health and Health Behaviors. West Virginia Rural Health Association conference. Roanoke, WV, October 22, 2013.
 125. Miller WC. West Virginia CHERPs (Community Health Education Resource Persons) and Minority Health Disparities. Lewisburg WV, October 28, 2013.
 126. Miller WC. How to Evaluate Research. MSOPTI Teaching Physician Seminar and Faculty Development. Lewisburg, WV, October 31, 2013.
 127. Miller WC. The Ins, the Outs, and Roundabouts of Clinical and Community Health Research. American Association of Colleges of Osteopathic Medicine Annual Meeting, Washington DC, April 4, 2014.
 128. Miller WC. Evaluation of Community Health Worker Training in Appalachia. National Rural Health Association Annual Conference, Las Vegas NV, April 24, 2014.
 129. Miller WC, Griffith BN, Bikman T, Meyer C. Appalachian Misconceptions about Health and Disease Prevention Behaviors. American College of Sports Medicine Annual Meeting. Orlando FL, May 30, 2014.
 130. Miller WC. Following the Road to Successful Research. Mountain State Osteopathic Postdoctoral Training Institute. Lewisburg WV, June 10, 2014.
 131. Miller WC. Value of Community Health Workers in Rural Appalachia. American College of Sports Medicine Annual Meeting. San Diego CA, May 28, 2015.
 132. Miller WC. What is a Community Health Worker? Academy of Family Physicians. Charleston, WV, October 9, 2015.
 133. Miller WC. Strengthening Rural Healthcare Partnerships with Community Health Workers. West Virginia Rural Health Association Conference. Roanoke, WV, October 15, 2015.
 134. Spencer D, Rogalla D, Zia N, Miller WC, Griffith BN, Heinsberg H. Rural Families' Adaptations to an Impending Food Desert. National Rural Health Association Conference. Minneapolis, MN, May 18, 2016.
 135. Zia N, Rogalla D, Spencer D, Miller WC, Griffith BN, Heinsberg H. Rural Businesses' Reactions to an Impending Food Desert. National Rural Health Association Conference. Minneapolis, MN, May 18, 2016.
 136. Miller WC, Ellem S, Manspile S. Incorporating Community Health Workers into Rural Clinical Practice. National Rural Health Association Conference. Minneapolis, MN, May 18, 2016.
 137. Miller WC, Griffith BN, Rogalla D, Spencer D, Zia N, Heinsberg H. Rural Community Member Adaptations to a Recent Food Desert. American College of Sports Medicine Annual Meeting. Boston, MA, June 3, 2016.
 138. Miller, WC. Food Access, Producing Health and Economic Benefit. West Virginia Rural Health Association Conference. Logan, WV, October 19, 2016.
 139. Miller, WC. Clinical and Behavioral Issues – Actions, Consequences, and Grievances. American Society of Radiologic Technologists Continuing Education. Morehead, KY, April 21, 2017.

TEACHING EXPERIENCE

Courses Taught:

- 1) Medical Physiology
- 2) Medical Nutrition
- 3) Problem Based Learning Medical Curriculum
- 4) Dieting, Weight Loss & Eating Disorders
- 5) Exercise, Nutrition & Weight Control
- 6) Body Composition & Obesity
- 7) Concepts and Controversies in Nutrition
- 8) Sport Nutrition
- 9) Advanced Nutrition & Metabolic Adaptation
- 10) Advanced Topics in Exercise Physiology
- 11) Foundations in Exercise Science
- 12) Exercise Biochemistry
- 13) Evaluation & Counseling Techniques
- 14) Facts & Myths in Exercise & Nutrition
- 15) Exercise Physiology
- 16) Organizing and Directing Sport, Health and Fitness Activities
- 17) Epidemiology and Research Interpretation
- 18) Freshman – First Year Seminar

Teaching Awards:

- 1) Certificate of Achievement in Physical Education - Southern Utah State College – 1977
- 2) Outstanding Teacher Education Graduate - Southern Utah State College – 1978
- 3) Excellence in Teaching Award – School of Public Health and Health Services, GWU, 2001
- 4) Excellence in Teaching Award – School of Public Health and Health Services, GWU, 2005

Teaching Aids Produced:

- 1) Published Textbooks
 - a) *The Non-Diet Diet: A Simple 100-point Scoring System for Weight Loss without Counting Calories*, 1991
 - b) *Exercise Biochemistry and Metabolic Adaptation*, 1992
 - c) *Exercise Biochemistry and Metabolic Adaptation*, Korean Translation, 1995
 - d) *Negotiated Peace: How to End the War Over Weight*, 1998
 - e) *Exercise Physiology: Basis of Human Movement in Health and Disease*, 2006
 - f) *Helping the Obese Patient Find Success*, 2010
- 2) *The Nutty, Nougat-Filled World of Human Nutrition*, 1998, 90 minute video
- 3) Biochemistry of Exercise Lab Manual, 1989
- 4) Exercise Physiology Lab Manual, 2001, 2005

- 5) Community Health Education Resource Person (CHERP) Level 1 Training Manual – Wellness
- 6) Community Health Education Resource Person (CHERP) Level 2 Training Manual – Health Promotion

Student Mentoring:

- 1) Theses/Dissertation Committees – Chair of over 70 theses and dissertation committees
- 2) Internship Supervisor for over 40 student internships
- 3) Project Director for over 10 Independent Study projects
- 4) Research Advisor for over 15 Medical Students

SERVICE to PROFESSION

University:

- 1987-95 Departmental Research Committee – Indiana University
- 1992-95 Animal Care Committee – Indiana University
- 1995-03 Exercise Science Programs Departmental Committee - GWU
- 1996-97 Self-Study Committee in preparation for National Certification of the George Washington University Athletic Training Program
- 1997-99 Faculty Senate Committee on Faculty Development and Support – GWU
- 1997-00 Academic Integrity Council – GWU
- 1998-01 Faculty Senate Committee on Research – GWU
- 1999 Search Committee for Director of Education in Athletic Training in the Exercise Science Programs at GWU
- 2000 Chair, Search Committee for Clinical Exercise Physiology Faculty position in the Exercise Science Programs at GWU
- 2003 Chair, Search Committee for Strength and Conditioning Faculty position in the Department of Exercise Science at GWU
- 2000-10 Program Coordinator for Graduate Studies in Exercise Science at GWU
- 2001-10 School of Public Health and Health Services Committee on Admissions
- 2002-04 Committee Member on the Institutional Review Board for Human Research – GWU
- 2004-07 Faculty Senate for the Medical Center – GWU
- 2009-10 Committee on Educational Resources – GWU Medical Faculty Senate
- 2009-10 Chair, Committee on Public Health & Health Services Evaluation – GWU Medical Faculty Senate
- 2009-10 Academic Integrity Council – GWU
- 2010-16 Curriculum Committee MSOPTI (Mountain State Osteopathic Postdoctoral Training Institutions)
- 2010-16 Research Committee MSOPTI (Mountain State Osteopathic Postdoctoral Training Institutions)

- 2017-18 MSU Blue Ribbon Task Force on Regional Empowerment – Chair Health and Wellness Committee
- 2017-18 MSU General Education Review Committee Steering Committee
- 2017- MSU Eagle Outreach Team Leader for Recruitment and Retention
- 2017-18 MSU Strategic Plan Committee – Academic Excellence
- 2018 MSU Energy Savings Committee
- 2018 Chair of Search Committee for MSU Registrar
- 2019 MSU Enrollment Management Committee
- 2020 Chair of Search Committee for MSU Dean of the Caudill College of Arts, Humanities, and Social Sciences
- 2020 - Dean representative for the university Quality Enhancement Plan (QEP) implementation committee
- 2022 - Chair of Search Committee for the Department Chair of Agricultural Sciences

National/International:

- 2002-06 Treasurer and Membership Clerk, International Society of Behavioral Nutrition and Physical Activity (ISBNPA)
- 2006-10 Finance Committee Member, International Society of Behavioral Nutrition and Physical Activity (ISBNPA)
- 2001-04 Editor – Healthy Weight Journal
- 2005-06 Editor – Health at Every Size Journal
- 2011- Associate Editor – Open Journal of Preventive Medicine
- 2014 - Editorial Board Member – International Journal of Medicine
- 2015 - Editorial Board Member – SM Journal of Community Medicine
- 2020 - Member of the steering committee for the Kentucky Biomedical Research Infrastructure Network (KBRIN).
- 2020 - Member of the steering committee for the Kentucky IDeA Networks of Biomedical Research Excellence (INBRE).

Manuscript Reviewer for the following journals:

1. Medicine and Science in Sports and Exercise
2. Journal of Applied Physiology
3. International Journal of Sports Medicine
4. International Journal of Obesity
5. American Journal of Clinical Nutrition
6. Medicine Exercise Nutrition & Health
7. Lipids
8. Preventive Medicine
9. Journal of Athletic Training
10. Swimming Research
11. Journal of Sports Medicine and Physical Fitness
12. Sports Medicine
13. Journal of Nutrition Education and Behavior

14. BMC Public Health
15. Nutrition, Metabolism, and Cardiovascular Diseases
16. European Journal of Clinical Nutrition
17. Pharmacy Practice
18. Journal of the American Osteopathic Association
19. Rural and Remote Health

PROFESSIONAL REGISTRATIONS, LICENSES, CERTIFICATIONS

- 2000: Certification as a Dual-energy X-Ray Absorptiometry (DXA) Technician
- 2010: Emergency Medical Technician
- 2012: Community Health Education Resource Person (CHERP), Level 1, Wellness
- 2013: Community Health Education Resource Person (CHERP), Level 2, Health Promotion
- 2014: Certification as a Whole Health Action Management (WHAM) Peer Provider
- 2016: Community Health Education Resource Person (CHERP), Level 3, Disease Prevention and Management