

ANNE B. MCGOWAN-SCHOOLER

Adjunct Faculty

Construction Science Department
School of Architecture, PVAMU
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PROFESSIONAL INTERESTS

- Safety and Health Programs for the General and Construction Industry (OSHA –10/30)
- Developing Education programs for the safety arena in Construction, Residential, Heavy Road and Industrial – English and Spanish programs
- Industrial rescue
- Corporate wellness programs
- Industrial accident investigation and risk analysis
- Mining Safety and Rescue – MSHA training specialist
- Rural E.M.S. Development and Continuing Education Programs
- Emergency Medical Programs (Basic and Advanced level) and Related Fields
- Coordinator of the Adaptive Sport programs at Texas A&M University
- Rehabilitation Programs for the Mentally and Developmentally Disabled
- Adapted Aquatics
- Therapeutic principles for the developmentally disabled and orthopedic rehabilitation

EDUCATION

- B.S. Education (Health and Kinesiology, English, Biology), Baylor University, Waco, Texas, 1975
- M.S. Health Education and Safety, Texas A&M University, College Station, Texas, 1976
- M.S. Epidemiology, Texas A&M University, College Station, Texas, 1977
- Post graduate courses in Safety Engineering, 1979-1981

ACADEMIC TEACHING

- 1977 – Present: Teaching Faculty at Texas A&M University, College Station, Texas
- 2006 – Present: Teaching Faculty at Prairie View A&M, Prairie View, Texas

COURSES TAUGHT AT TEXAS A&M UNIVERSITY

Physical Education Activity Program	Kinesiology	Health	Construction Science
KINE 199 (1CH)-Adapted	KINE 198 (1CH)- Health and Fitness Majors Writing Intensive	HLTH (3CH)- First Aid – American Red Cross	COSC 364 (1CH)- OSHA 10 Federal certification
KINE 199 (1CH)- Adapted Aquatics	KINE 120 (1CH)-Majors Adapted Physical Education - Writing Intensive	HLTH (3CH)- Emergency Care Attendant (ECA)-state certification	COSC 184 (1CH)- OSHA Safety 1
KINE 199 (1CH)-Archery	KINE 198 (1CH)- Health and Fitness Strength Training – Writing Intensive	HLTH (3CH)- Emergency Medical Technician (EMT)-state certification	COSC 184 (1CH)- OSHA 10 McAllen Campus -Federal certification
KINE 199 (1CH)-Beginning Swimming	KINE 467 (3CH)-Therapeutic Principles		COSC 223 (3CH)- Corporate Wellness (Developed the course for the technical elective)
KINE 199 (1CH)- Intermediate Swimming	KINE 421 (3CH)-Adapted Kinesiology Theory		COSC 464 (3CH)-Construction Safety and Management OSHA 30
KINE 199 (1CH)- Conditioning Swimming	KINE 223 (3CH)-Corporate Wellness		COSC 646 (3CH)- Graduate Management and Leadership- OSHA 30
KINE 199 (1CH)-Water Exercise	KINE 485 (3CH)-Problem course		CONS 4360 (3CH)- Labor and Safety - PVAMU
KINE 199 (1CH)-Wheel Chair Basketball	KINE 491 (3CH)-Research course		

Note: CH = Credit Hour

EXTRACURRICULAR STUDENT PROGRAMS

Harold Adams faculty for student competition- March 2023

Research Symposium Education Booth- Fall 2023

- COSC Faculty for Study abroad summer programs (2011-2014)
- COSC Faculty advisor for Association Builders and contractors
- COSC Camp Arch- Summer Camp at Texas A&M University for high school students
Construction Science coordinator and instructor
- COSC Faculty Coach for competition team for ABC (Association Builders and Contractors) - 3rd place overall and 1st safety
- COSC Faculty Coach for competition team for Construction Roofing Team- 1st place National
- KINE Faculty Advisor and coach for Texas A&M Rolling Thunders Wheelchair basketball team
- KINE Faculty Advisor for Aggie Partners for Special Olympics
- KINE Faculty Advisor for Disabilities Student Organization
- “BUILD” – Safety and instructor for safety policies for the student build medical pods
- “REACH” – Safety specialist for the development of the “Aggie Health Clinic” for the underserved Aggies on campus.
- Public Health – graduate faculty on their Graduate project on development of a safety manual for the “Aggie Health Clinic”
- School of Architecture- Student build “Solar Decathlon” – safety coordinator for project
- School of Architecture- Faculty advisor for student’s Safety Manual development for the “Solar Decathlon

ACADEMIC COMMITTEES

- Promotion and Tenure – Construction Science Department – Chair of the teaching evaluation for the committee
- Promotion and Tenure – School of Education and Human Development – Member
- Promotion and Tenure- PEAP Department Member
- Faculty Search Committee- Construction Science Department
- Development of New Course- Corporate Wellness – Construction Science Department Technical Elective
- Disability Services Advisory Council

PROFESSIONAL CERTIFICATION AND LICENSES

- CSP, Safety professional – 1986
- EMT Certification, Texas A&M University, College Station, Texas, 1976
- Paramedic State Class AA Certification, Temple Jr. College and Region 6, Texas Department of Health, May 1980
- Paramedic State Class AA – Licensed, Temple Jr. College and Region, Texas Department of Health, May 1980
- National Certified Corrective Therapist, May 1978
- OSHA – General Industry Federal Training Specialist, 1997
- OSHA – Construction Federal Training Specialist, 1997
- Construction Training Specialist, 1997
- M.S.H.A. (Mining Safety and Health Administration) – Department of Labor - Training Specialist, August 1991
- Hazard Material Certified Instructor, October 1993
- E.V.O.C. – Emergency Vehicle Operation Course – Coordinator and Instructor for T.D.H., 1994
- Disaster Response Instructor – National Red Cross
- C.I.S.D. – Critical Incident Stress Debriefing
- Distance Learning Certified Instructor, September 1996
- National Archery Instructor – Level 2, May 2000

- Hazmat certification for MSHA and OSHA
- Blood borne pathogen Instructor
- Ergonomic – Industrial Hygiene Certification
- Mental Health First Aid – MHFA – Instructor
- CISD (critical incident stress debriefing) and mediator/covey instructor

PROFESSIONAL LICENSES

National

- OSHA Training Specialist – Department of Labor – General and Construction Industries
- American Medical Association Homeland Security instructor
- American Geriatric Association State Instructor
- Advanced Medical Life Support Course – Regional Affiliate
- Pre-hospital Pediatric Provider Course – State Coordinator for the American Association of Pediatrics
- Pre-hospital and Trauma Life Support Coordinator and Regional Affiliate
- Basic Trauma Life Support – State Coordinator
- National Safety Council – Training Agency Coordinator
- M.S.H.A. Instructor – Department of Labor
- Advanced Cardiac Life Support – Certified/Instructor
- American Heart Association – Instructor Trainer
- National Certified Corrective Therapist
- Water Safety Instructor
- Advanced First Aid Instructor
- Standard First Aid Instructor Trainer
- CPR Instructor Trainer
- Canoeing Instructor (Red Cross)
- Sailing Instructor (Red Cross)
- HIV/AIDS Instructor National Red Cross
- Impoundments – M.S.H.A. (Mining Instructor – underground and surface mines)

State

- Licensed Paramedic – State of Texas
- State Class AA Paramedic Certification
- Emergency Medical Technician Advance Instructor, Examiner, Coordinator
- Lifetime Teaching Certificate, State of Texas, Secondary Health and Kinesiology, Biology, and English
- Endorsed in Driver's Training
- Hazardous Material Training Instructor/Department of Transportation
- Basic Trauma Life Support – Instructor Trainer (Regional Affiliate Faculty-AHA)
- Advance Cardiac Life Support (AHA) – Instructor/Coordinator
- Emergency Vehicle Driving – D.O.T. Instructor
- Pre-hospital Pediatric Provider – State Trainer

Regional

- American Heart Regional faculty and (Past regional affiliate faculty)

PRESENTATIONS

Texas A&M University Engineering Departments- “Mental Health with young Adults”- December 8, 2023

ASSE National Conference- “Health Issues of the Workers”- San Antonio, June 2023

Texas Safety Conference- “Why Cooperate Wellness Programs”, Austin, June 2023

Buffalo ISD teaching workshop- “Mental Health Concerns of the Youth”, August 2023

Franklin ISD teaching conference- “Mental Health Concerns of the Youth”, October 2023
Harold Adams Interdisciplinary Charrette teaching faculty for safety components, March 2023

- Construction Academy Conference, New Orleans, LA, October 2022, Diseases “Lurking in Industry”
- National Heavy Equipment Conference, Las Vegas, Nevada, March 2016, “New Teaching Methodology for everyone in Construction”
- National Heavy Equipment Conference, Las Vegas, Nevada, March 2016, “Games and Facts for Industry”
- National Construction Conference, Las Vegas, Nevada, March 2014, “Methods of Teaching Safety.”
- National Mining Conference, Las Vegas, Nevada, March 2008, “Job Hazard Analysis/Looking Everywhere for Hazards”
- National Heavy Equipment Conference, Phoenix, Arizona, May 2006, “Ergonomics for Heavy Equipment”
- National Safety Conference, Dallas, Texas, February 2006, “Health Issues for the Safety Professional”
- Texas State EMS conference, Austin, Texas, November 2003, “Geriatric Emergency and Treatment” course and “Trauma of the aging population”
- National EMT Conference, Reno, Nevada, Presented “Advanced Medical Life Support”, September 2003
- Texas EMS Conference, Austin, Texas, Advanced Medical Life Support, November 2002
- International Medical Congress, Argentina, October 2000, “Differential Diagnosis of the Medical Patient”
- National EMT Conference, Reno Nevada, presented “Biological nerve agents - where do we hide as first responders?” September 2000

PUBLICATION RESEARCH

- Fernandez-Solis, J.L. Prakash, McGowan, A (2018) Framework for Understanding the Relationship Between Lean and Safety in Construction
- McGowan, Anne – Safety Council – in progress. Developing training manual for industry on New Teaching Techniques for an Important Old Subject – SAFETY.

AWARDS, NOMINATIONS AND RECOGNITION

Distinguished University Teaching Award- April 2023- Association of Former Students TAMU
Outstanding Teaching Award- School of Architecture- March 2023- PVAMU

- Distinguished faculty award by disability services for programs and support for disability students – 1995/2010
- Nomination of Outstanding teaching at PVAMU
- “Unbranded” Book written by Ben Masters. Both book and movie state they were able to save the horse shore’s life because of how and what Anne McGowan taught in her construction class at Texas A&M University. “Students take many classes but do not remember a lot of the class however the course that I took in construction and remember due to Anne’s teachings; I was able to save a person’s life because of her class.”

CONTINUING EDUCATION COURSES TAUGHT

HIS coordinator update for CPR/AED and Advanced First Aid

- CPR/AED for students and Brazos County businesses
- MHFA – Mental health first aid
- Opioid – Narcotic course
- OSHA – occupational safety and health administration
- Emergency Medical Services

- ECA – Emergency Care Attendant
- EMT – Emergency Medical Technician
- Paramedic courses
- Advanced Medical Life support
- Mass Casualty
- Blood Borne Pathogen
- Advanced Cardiac Life Support
- Agriculture Equipment Safety
- MSHA annual training – Mining Safety Health Administration
- OSHA initial training – Occupational Safety Health Administration
- MSHA initial training-Mining Safety Health Administration
- OSHA Annual update- Occupational Safety Health Administration

PROFESSIONAL DEVELOPMENT

- Federal safety update course – 30 hours for the current OSHA curriculum and new federal laws
- Opioid National course – Instructor course to be able to teach the Opioid course and give Narcan to the students to use in an emergency of an overdose (call students in my courses obtain this certification)
- MHFA – Mental Health First Aid Instructor- National course to teach all ages to recognize signs and symptoms of a mental health crisis and know what and who to call.
- Teaching Excellence – Texas A&M University – “Teaching Methods for online courses”
- “Stride” – Strategies and tactics for recruiting to improve Diversity and Excellence in the classroom.
- Teaching Excellence – “Teaching with Technology”
- “Green Dot”- Safety on Campus
- “Stand Up”- Safety on Campus`

WORK EXPERIENCE

Safety and Health Specialist: Peter Kiewit commercial and mining company consultant: 1982-2012

- Developed safety programs for projects
- Evaluated near miss/accident reports
- Developed training programs for the employees
- Developed a corporate wellness program for the company
- Developed tool box topics for the crews
- Conducted job safety analysis on the production of the company
- Developed a Quality Assurance – risk analysis checklists for production
- Directed and taught the industrial emergency response team

MSHA Training Specialists: Kreuger Road and Construction Company: 1998-2009

- Developed the safety plan for the company
- Trained annually for the company to meet the MSHA- mining safety health and administration requirements for road crews
- Taught the class in Spanish for the crew members
- Represented the company with MSHA inspections
- Developed checklists and task training requirements for the employees

Safety Specialist and Trainer: Texas Engineering Extension (TEEX): 1995-2000

- Evaluated company’s safety programs
- Audited accident reports and near miss reports
- Developed QA (quality assurance) programs

- Taught OSHA – occupational safety health administration courses for general industry and construction companies – state and national companies
- Developed training programs for companies
- Taught accident investigation and implementation of QA policies
- Coordinated Continue education program for state grants
- Taught all CE courses for the EMS grant
- Taught Emergency Medical Technician (EMT) courses for TEEEX

OSHA Specialist and Training Specialist: Rick Steel Erection Company: 1994-1995

- Trained the crews on OSHA standards
- Developed the company's safety plan
- Represented the company on OSHA violations with the area director

Ergonomic Specialist: Mobile – Exxon Baytown: 1993-1994

(Summer employment)

- Evaluated all work areas for ergonomic compliances
- Evaluated field projects and equipment for ergonomic compliance
- Corrected work areas to be ergonomic compliant
- Corrected and implemented best practices for completing tasks
- Developed a written program with checklists so work areas would remain ergonomic compliant

Safety Coordinator, Trainer and Risk Analysis evaluator: Morrison Knudsen Company: 1986-1994

- Developed safety plan for company
- Conducted site inspection on the project
- Developed weekly tool box discussions
- Trained the crews on safety rules and regulations
- Offered Covey leadership classes for the superintendents
- Conducted accident investigations and filed reports for management
- Evaluated jobsite checklists for best practices of safety
- Task trained crews on emergency response situations standard operation procedures
- Trainer for emergency rescue crews
- Daily inspection review of JSA's and evaluations of tasks being conducted on the project
- Developed programs for corporate wellness topics for the employees
- Certified mediator of employees' concerns
- Developed open communication practices for management and employees

Safety Training Specialist: Southwestern Electric Power Company (SWEPCO): 1989-1991

- Developed project checklists for production
- Developed Standard Operations Procedures for emergency response to situations on the jobsite
- Instructed crews on the procedures responding to emergency situations
- Task trained the supervisors on emergency response skills

COMMUNITY SERVICE

MHMR Mental Health Instructor for Youth and Adult Mental Health First Aid Courses

- Bryan and College Station Junior league member
- Area Director for Special Olympics
- Director/coach for Texas A&M Rolling Thunder Rolling Wheelchair
- Girl scout leader
- Member on State committee for Girl Scouts
- 4-H shotgun coach
- Coached Special Olympics athletes

- CPR and First aid classes for schools and businesses In the community
- Chair/Programs South Knoll Elementary PTO

CERTIFICATIONS

- Licensed paramedic and instructor -1990
- Federal instructor – OSHA 30 and OSHA 10 Construction
- Federal Instructor – OSHA 30 and OSHA 10 General Industry
- Federal Instructor – MSHA- mining safety
- Federal inspector – Impoundment inspection for ponds
- Hydrogen sulfide instructor
- CISD and mediator covey instructor
- CPR/AED Instructor/Coordinator
- Industrial First Aid Instructor/Coordinator
- Mental Health and First Aid National Coordinator