

Kim MC Rahebi, MPH CPH

Award-winning, published practitioner with expertise in: prevention, wellness, allied health, neuroscience, and biomedical devices.
Diverse academic training in: nutrition, epidemiology, community & global health; communications; social and natural sciences.
Inspired to positively influence health by integrating: education, sustainability, research, health policy, technology, and mediation.

Skillset Summary & Areas of Expertise

- Public speaker on: public health and disease prevention; hygiene and safety; holistic approaches to individual and community health (mind, body, home, finances, environment); sustainable research practices; research study design; vagus nerve stimulators
- Teach, innovate, and design competency-driven undergraduate courses on health, behavior, and human performance
- Edit and enhance written content: reports, marketing material, presentations, grants; write original content relating to science, health topics; create and contribute to social media pages so as to deliver and communicate content to wide and varied audience
- Streamline, organize, and optimize processes and spaces, as well as enable them to operate more efficiently and sustainably
- Cultivate relationships between collaborators, secure consultants for projects, and teach technical skills to visiting scientists
- Recruit study participants for trials, collect experimental data, design research trial, ensure data integrity, maintain patient privacy
- Micro-construct pre-clinical vagus nerve simulators through adept utilization of microscope, forceps, suturing skills, and soldering iron; assemble and solder circuit boards; verify voltage and impedance; test clinical stimulators for quality and safety
- Mentor socioeconomically and academically at-risk children and youth; teach them mindfulness, goal setting, and organization
- Languages: English (native), Farsi (fluent), Spanish (intermediate)

Experience & Leadership

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| Texas A&M University – Commerce | Virtual/Remote |
| Ad Interim Assistant Professor of Public Health | 01/2023 – Present |
| • Teach undergraduate classes, engage in collaborative research scholarship, serve as public health consultant during accreditation | |
| Adjunct Faculty, College of Health & Human Performance | 01/2022 – 01/2023 |
| • Teach undergraduate classes: Consumer Health; Emotional Health; Substance Use & Abuse; Current Issues; Environmental Health | |
| External Subject Matter Expert, College of Innovation and Design | 08/2021 – Present |
| • Identify industry-specific trends, and design competency-based courses: Special Populations, and Health Policy & Advocacy | |
| Texas A&M AgriLife Extension Services | Dallas/McKinney, TX |
| Project Manager | 06/2022 – 09/2022 |
| • In collaboration with USDA, facilitate research study and data collection gauging public's beliefs about integrated pest management and the use of pesticides, and how this might influence consumer behavior regarding environmental practices | |
| Extension Agent – Better Living for Texans | 10/2019 – 05/2022 |
| • Plan, implement, and deliver virtual and live educational programs aimed at improving nutrition, increasing physical activity, obesity awareness and chronic disease prevention, food safety, and resource management to limited income audiences in county | |
| • Build community capacity, serve as liaison and resource manager to local leadership during pandemics and natural disasters | |
| Secretary – Leadership Advisory Board | 01/2019 – 05/2022 |
| • Contribute to vision and long-term planning for Extension activities, serve as an advocate for county programs, and write minutes | |
| • Abet interpretation of the programs throughout the county, and develop resources to support Extension programs | |
| Master Wellness Volunteer | 09/2018 – 10/2019 |
| • Collaborate with community partners on programs for: health, nutrition, exercise, safety, environmental interaction, and finances | |
| Texas Public Health Association | Virtual/Remote |
| Governing Council Member | 05/2022 – Present |
| • Serve on leadership committees that plan and facilitate annual conference; represent association at colleges and universities | |
| Chair, Environmental & Consumer Health Section | 03/2021 – 05/2022 |
| • Facilitate leadership, recruitment, engagement, planning, and communication with governing council; source CEU opportunities | |
| Secretary, Environmental & Consumer Health Section | 12/2018 – 03/2021 |
| • Create social media presence for the section and contribute to platforms; find and disseminate relevant research, current events, and opportunities for section members; promote virtual meetings and discussions; write content for newsletter and marketing | |

KmCR Consulting**Contract/Remote/Virtual**

Determine and evaluate the client's needs, goals, and processes, and subsequently address newly identified tasks, and enhance and facilitate an environment for operating at optimal capacity; or connect the client with resources to do so more efficiently.

Mental Wellness Alliance**05/2022 – Present**

- Planned the Pathways to Hope conference: developed workshop topics, proposed speakers, created agenda, and marketed event

Department of Research, University of Texas at Dallas**10/2019 – Present**

- Edit federal grant applications for health and science research studies; create posters & digital marketing materials; coach faculty

Corinth Presbyterian Church**09/2019 – Present**

- Oversee and implement public health and environmental safety measures for a silver congregation, prior to and during Covid-19

National Board of Public Health Examiners**05/2019 – Present**

- Collaborate with a team to create, edit, and revise robust review questions for the Certification in Public Health exam study guide

Galerstein Gender Center, University of Texas at Dallas**12/2018 – Present**

- Edit, maintain positive voice, and contribute content to event promotions, reports, marketing information, contracts, and website

Individual Clients, Local and Virtual**09/2018 – Present**

- Create resumes and LinkedIn profiles, edit portfolios, perform salary research, conduct interview practice, and coach job search
- Home visits to identify environmental hazards, make safety modifications; teach efficient organization, recycling, and composting

Texas Biomedical Device Center, University of Texas at Dallas**Richardson, TX****Clinical Trial Researcher****02/2016 – 08/2018**

- Facilitated clinical experiments, patient assessments, and research examining vagus nerve stimulation paired with motor rehabilitation, in order to demonstrate enhanced recovery, with novel therapeutic systems aimed at alleviating symptoms of: stroke, spinal cord injury, traumatic brain injury, multiple sclerosis, autism, and speech impairments
- Identified, cultivated, and maintained relationships with key partners to expand and support experimental project goals
- Collaborated with clinicians, engineers, and programmers to advance feasibility and design of therapeutic system
- Conducted teaching workshops for visiting researchers and scientist on how to create vagus nerve cuff stimulators, and coordinated their visits with collaborators so as to also teach surgeries, experimental designs, and protocols
- Reviewed and edited presentations, and scientific manuscripts for submission to peer-reviewed journals for publication

Research Assistant**10/2011 – 02/2016**

- Mapped evidence of cortical plasticity by inserting and recording from microelectrodes in the auditory cortex of anesthetized pre-clinical subjects modeling autism, Fragile X, Shank3, Rett, and tinnitus syndrome
- Surgically removed tail tip and brain intact, and preserved in solution, then froze, for subsequent genotyping procedures
- Sutured and closed out animal model surgeries, administered vagus nerve stimulation, and conducted experimental procedures using MatLab, for pre-clinical neuroplasticity experimentation

Research Technician**01/2011 – 10/2011**

- Constructed complex vagus nerve cuff electrodes, soldered circuit boards, and created cranial implant electrode caps to be utilized for vagus nerve stimulation surgeries as part of pre-clinical neuroplasticity experiments
- Maintained cranial electrodes, assembled and autoclaved surgical trays, and made drug compounds for surgery, so as to abet pre-clinical experiments for a team of seven scientists

Physical Therapy Services Clinic, University of Texas Southwestern Medical Center**Dallas, TX****Physical Therapy Attendant****10/2013 – 03/2016**

- Executed protocols and treatments of the Plantar Fasciitis and Chronic Low Back Pain research studies on experimental and control patient groups, collected patient data, and maintained integrity of study files
- Provided clinical care to a diverse population of patients: orthopedic, neurologic, prosthetic, geriatric, and pediatric
- Served as a physical form of security to patients learning to walk and function with new prosthetic limbs or braces
- Supervised patients on warm-ups and stretches, and carried out therapeutic exercises used in physical rehabilitation
- Administered therapeutic modalities: cryotherapy, thermotherapy, laser treatment, ultrasound, rapid release technology, TENS, IFC, and NMES electrode muscle stimulation, all while maintaining patient comfort
- Coordinated purchases of electrode stimulation units, splints, and braces through vendors, for care practices
- Managed schedules of staff clinicians and orthopedic residents, scheduled treatments, reviewed patient charts, relayed updates to physicians regarding patient progress, and secured additional services for patients as needed

University of Texas at Dallas	Richardson, TX
Research Facilities Member, Sustainability Committee	08/2017 – Present
<ul style="list-style-type: none"> • Create presentations for the Office of Research on topics of sustainable research practices, health, and safety; vote on policies • Secure collaborators and speakers for partnership activities, education, and research; present at monthly meetings; discuss goals 	
Co-Instructor, Special Topics in Behavioral and Brain Sciences	08/2019 – 12/2020
<ul style="list-style-type: none"> • Guide students through career assessments, informational interviews, development of a career plan, and job search techniques; Help students prepare resumes and cover letters, develop effective interviewing skills, explore networking, and secure internships • Evaluate and secure appropriate guest speakers with a relatable academic and professional journey, to the benefit of the class; Create network connections for the students with strategic leaders in industry, academia, and professional agencies 	
Research Assistant, The BlackBerry Project	06/2011 – 06/2012
<ul style="list-style-type: none"> • Assisted with The BlackBerry Project, a study of social aggression in adolescents on most communication platforms • Interviewed study participants and family members to collect data, brief, and debrief their experience • Provided input from family meetings to researchers using project-specific data entry tools and software • Maintained strict participant confidentiality, documentation, experiment organization, and data security 	
Collin College	Plano, TX
Panel Representative, Disciplinary Appeals Task Force	08/2008 – 08/2009
<ul style="list-style-type: none"> • Appointed by the college president to represent the student body on the Disciplinary Appeals Task Force • Adjudicated discipline sanctions by attending appeal hearings and collaborating with members to reach a fair sanction 	
Financial Aid Committee Member, Texas Higher Education Coordinating Board	06/2008 – 05/2009
<ul style="list-style-type: none"> • Chosen to represent Texas community colleges on state board to establish equal standards for financial aid • Traveled to Austin for quarterly conferences to vote on grants, scholarships, and legislation for education 	
Federal Work Study, Financial Aid and Veterans Affairs	06/2007 – 08/2009
<ul style="list-style-type: none"> • Provided customer service and expertise on federal financial aid laws, procedures, applications, and GI Bill Benefits • Frequently translated Farsi in areas of financial aid, award procedures, scholarships, admissions, and advising • Managed front desk traffic, uploaded paperwork information into PeopleSoft/Oracle database, and compiled students' files 	

Awards, Education & Certifications

Texas Christian University	Fort Worth, TX
• PhD, Health Sciences: mental health promotion and chronic disease prevention	August 2025
Texas A&M AgriLife Extension Service	McKinney/Dallas, TX
• Award: 2021 Outstanding Agent	September 2021
• National Nutrition Certification Program	December 2019
The University of North Texas Health Science Center	Fort Worth, TX
• Master of Public Health (MPH); Graduate Certificate, Global Health; 4.0 GPA	May 2018
National Board of Public Health Examiners (NBPHE)	Washington, D.C.
• Certification in Public Health (CPH), NBPHE number: 12821	May 2018
The University of Texas at Dallas	Richardson, TX
• Bachelor of Science in Psychology; Certificate in Critical Communication	August 2012

Publications

- Preparation of peripheral nerve stimulation electrodes for chronic implantation in rats; JoVE, July 2020
- Flat electrode contacts for vagus nerve stimulation; PLoS One, November 2019
- A suite of automated tools to quantify hand and wrist motor function after cervical spinal cord injury; Journal of Neuroengineering and Rehabilitation, April 2019
- Flat electrode contacts for peripheral nerve stimulation; BioRxiv, Cold Spring Harbor Laboratory, March 2019
- Protocol for construction of rat nerve stimulation cuff electrodes; Methods and Protocols, February 2019
- Shank3-deficient rats exhibit degraded cortical responses to sound; Autism Research, October 2017
- Degraded neural and behavioral processing of speech sounds in a rat model of Rett syndrome; Neurobiology of Disease, Nov 2015
- Speech training alters consonant and vowel responses in multiple auditory cortex fields; Behavioural Brain Research, July 2015
- Degraded speech sound processing in a rat model of fragile X syndrome; Brain Research, May 2014
- Collin College helps area high school students fast-track to degrees; Collin College Connection, 2010

Board Service & Ministry Leadership

KERA / KXT Community Advisory Board

Dallas, TX

Board Member

March 2022 – Present

- Serve in an advisory role to staff and Board of Directors, helping multimedia organization to better understand and respond to community needs and interests regarding programming and services for 4th largest population area in the country

Family Promise

Collin County, TX

Board Member & Secretary

March 2022 – Present

- Help families experiencing homelessness achieve sustainable independence, leveraging skills, leadership, and network to assist in setting its strategic direction and developing new initiatives to serve more families, more effectively, every year

First United Methodist Church of Plano

Plano, TX

Assistant to Ministry Leadership

09/2018 – Present

- Stephen Minister and deaconess-in-training; panel speaker on inter-conference collaborations; serve on Board of Trustees; represent church on statewide coalition, Courageous Congregations Collaborative; represent and advise pastoral leaders; lead congregation in health and wellness series
- Serve on care ministry, homeless coalition, and interfaith collaborations; generate new ideas for engagement; redesign church grounds to be financially and environmentally sustainable; facilitate congregation growth; lead prayers in contemporary service

Synergy Wesley Foundation

Richardson, TX

Assistant to Executive Director

09/2018 – Present

- Second in command to executive director; operate and manage the facility: grant editing and marketing; grow relationships with partner churches; contextualize scholarly seminary discussion with scientific, historical, geographic, and cultural factors