
BIOGRAPHICAL SKETCH (Last Updated 1/2014)

Provide the following information for the Senior/key personnel and other significant contributors in the order listed on Form Page 2.
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Roger Bounds, Ph.D., CHES		POSITION TITLE Department Chair and Associate Professor	
eRA COMMONS USER NAME (credential, e.g., agency login) RBOUNDS			
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	MM/YY	FIELD OF STUDY
Texas A&M University	B.S.	5/93	Kinesiology SM/OE
Texas A&M University	M.S.	5/96	Exercise Physiology
Texas A&M University	Ph.D.	12/2000	Health Education

Please refer to the application instructions in order to complete sections A, B, C, and D of the Biographical Sketch.

A. Personal Statement

I am currently serving as department Chair and Associate Professor at Northern Arizona University for the department of Health Sciences. My faculty responsibility lies in the Public Health and Fitness Wellness degree programs and I was past program coordinator for the Community Health Promotion degree program (program name changed). In addition to many years of teaching experience in community and public health, I have significant experience with innovative curricular design (i.e. "upside down 2+2 allied health degree completion" programs) and development of community-based student learning opportunities (VIHSTA: an inter-professional internship working with IHS partners). I recently served as the Lead Director for the Research Education and Training Core for a P-20 center grant: Center for American Indian Resilience. In sum, these skills are uniquely suited to address the aims of the proposed project to prepare and send students to international training sites. Related experience includes more than 20 years of clinical experience in the pre-hospital setting as a paramedic. As an overall professional statement, I hope to address community health disparities by improving the health promotion skills of currently working health care practitioners.

B. Positions and Honors

1996-2000 *Senior Lecturer* – Texas A&M University Department of Health and Kinesiology:
1998-2002 *Adjunct Faculty* - Blinn College EMS programs Bryan, Texas. Paramedic Degree program.
2000-2002 *Assistant Professor*- Sam Houston State University Department of Health & Kinesiology.
2002-2006 *Clinical Assistant Professor* (Aug 2002 – Aug 2006) – NAU Department of Health Promotion
2006-2010 *Assistant Professor* – NAU Department of Health Sciences: Community Health Program
2010-current *Associate Professor* – NAU: Department of Health Sciences: Public Health program
2012-current *Department Chair*- NAU: Department of Health Sciences

Member Allied Health Sciences (newly formed) Advisory Council (Coconino Community College)
Board Member of Safe Kids Coalition-Coconino County Health Department
Invited Reviewer for peer-reviewed journal: Californian Journal of Health Promotion
Vice president: Health Division SWD AAHPERD (2003-2005)
Invited Reviewer for peer-reviewed journal: Prehospital Emergency Care
Special Emphasis Panel Review panel for NCIPC (CDC) (spring 2012)

C. Selected Peer-Reviewed Publications

- Frey, G., Palmer, D. & **Bounds**, R. (1998). *Osteogenesis Perfecta*. In, L. Phelps (Ed.), Health-Related Disorders in Children and Adolescents. American Psychological Association.
- Kitzmilller, L., & **Bounds**, R. (1999). Remote location medical care: how to handle the delayed response. Every Second Counts, 1(4), 28-31.
- Kitzmilller, L. & **Bounds**, R. (2000). Tips for CPR Instructors. Every Second Counts, 1(2), 30-33.
- Bounds**, R.G. Martin, S., Grandjean, P., O'Brien, B.C., Inman, C. & Crouse, S. (2000). Diet and short-term plasma lipoprotein lipid changes after exercise in trained men. The International Journal of Sport Nutrition and Exercise Metabolism, 10(2), 114-127.
- Lawler JM. Hu, Z. Green JS., Crouse SF. Grandjean PW. **Bounds** RG. (2002) Combination of estrogen replacement and exercise protects against HDL oxidation in post-menopausal women. International Journal of Sports Medicine. 23(7), 477-83.
- Bounds**, R. (2006) Factors Affecting Perceived Stress in Pre-hospital Emergency Medical Services. Californian Journal of Health Promotion, 4(2), 113-131.
- Bounds, R.**, McCormick, D., Brynteson, P. (2008) Development and Delivery of Online Health Promotion Bachelor's Degree Programs for Allied Health Professionals. The International Electronic Journal of Health Education, 11, 39-51.
- Begay, C, Brown, B, **Bounds, R.** (2009) Disability as a Human Perception: Personal and Professional Reactions to American Indian Families' Narratives about their Children's Disabilities In: Disability: Insights from Across Fields and Around the World, Volume I. Publisher: Praeger Press
- Sanderson, P., Little, M., Vasquez, M., Lomadafkie, B., Brings Him Back-Janis, M., Trujillo, O., Jarratt-Snyder, K., Tuefel-Shone, N., Brown, B., & **Bounds, R.G.** (2012). A Perspective of Diabetes from Indigenous Views. Fourth World Journal, 25, 57-78
- McNeill, D.K., de Heer, H.D., **Bounds, R.G.**, & Coast, J.R. (2014). Accuracy of Stated Unloading Levels Using a Body-Weight Supported Treadmill. International Journal of Sports Medicine (In Review: Submitted Fall 2013)

D. Research Support

Ongoing Research Support

NIH/NIMHHD
1T37MD008626

Schulz (PI)

01/03/14-12/31/18

Native Americans Exploring Global Health Disparities

The goal of this project is to offer international research training in health disparities in the biomedical and health areas to Native American students who are from rural locations, underrepresented groups, and who are low-income.

Role: Co-I

NIH/National Cancer Institute
1U54CA143925
Huenneke (PI) 09/29/09 – 08/31/14
The Partnership for Native American Cancer Prevention
Discover: Opportunities for Native American Students in Cancer Research for Career Development
The goal is to create opportunities for Native American post-baccalaureate and graduate students to develop their investigative capacity in cancer disparity research.
Role: Co-Leader

NAU TRIF REAP Program
AlterG Equipment
deHeer (PI) 07/2012 – 06/2013
The goal of this project is to purchase a new and novel piece of research equipment to be used by an interdisciplinary team of researchers at NAU.
Role: Co-PI

NAU TRIF Program
Native Americans Exploring Global Health Disparities
Schulz (PI) 01/01/13 – 06/30/13
The goal of this project is to support the establishment and renewing of international collaborators for the submission of the NIH/MHIRT grant proposal.
Role: Co-PI

Completed Research Support

National Institutes of Health: NIMHHD
1P20MD006872
Sanderson (PI) 08/2012 – 02/2017
Center for American Indian Resilience (CAIR)
The goal of this project is to create clear educational pathways beginning with tribal colleges and support structures to facilitate the growth of research skills in American Indian communities.
Role: Co-Leader

Arizona Regents Reach Out program (ARRO)
Public Health Certificate for Entry Level Health Employees
Begay (PI) 01/2009 – 06/2010
The goal of this project is to develop a public health certificate at NAU for Indian Health Service personnel
Role: Co-PI

Robert Wood Johnson Foundation
Learning Circles - Work Based learning initiative with Indian Health Services
Begay (PI) 10/2006 – 10/2009
The goal of this project is to develop and implement a new learning model (WBL) for working front line health care professionals.
Role: Co-PI

Arizona Board of Regents: Step Up Program
Stepping Up by 2's: Implementing and Evaluating an "upside down 2+2" Health professional educational model"
Bounds (PI) 01/2008 – 06/2009
The goal of this project is to market and evaluate a previously successful program development grant program for allied health professionals.
Role: PI

Arizona Regents Reach Out Program (ARRO)
Development of an upside down Allied Health 2 + 2 Educational Model
Bounds (PI) 01/2006 – 06/2007
The goal of this project is to develop and implement a new curricular program to transition associates degree prepared allied health professionals to a bachelors in Health Sciences.
Role: PI

Published Abstracts or Proceedings

- Weise, S., Green, J., Crouse, S., Rohack, J., **Bounds**, R., & Grandjean, P. (1996). Estrogen replacement, exercise training, and blood lipids in post-menopausal women. Medicine and Science in Sports and Exercise 28: S96.
- Grandjean, P., Crouse, S., O'Brien, B., Rohack, J., **Bounds**, R., & Booker, C. (1996). Effects of a single exercise session on LPLA, HTGLA, and LCAT in pre- and postmenopausal women. Medicine and Science in Sports and Exercise 28: S96.
- Hu, Z., Lawler, J., Green J., Crouse, S., Grandjean, P., & **Bounds**, R. (1996) Effect of estrogen replacement and exercise on HDL lipid peroxidation. Medicine and Science in Sports and Exercise 28(5): S96.
- Bounds**, R., Crouse, S., O'Brien, B., Rohack, J., Grandjean, P., Brown, J., & Green, J. (1996). Menopausal status does not affect exercise training response in women. Medicine and Science in Sports and Exercise 28: S119.
- Martin, S. E.; **Bounds**, R. G.; Crouse, S. F. FACSM; O'Brien, B. C.; Grandjean, P. W.; Inman, C. (1999) Diet and Short Term Plasma Lipoprotein-Lipid Changes After Exercise in Trained Men. Medicine & Science in Sports & Exercise. 31(5): S370.
- Bounds**, R.G. & McCormick, D. (2003). Course Management Systems: Facilitating Learning Outcomes in Health Education Courses. *Proceedings of the 2003 Combined Conventions. Northwest & Southwest Districts and the state of Nevada AAHPERD. 44-47.
- Blevins, J.S.; **Bounds**, R G.; Mouglin, J E.; Coast, J R. (2005) Minor Changes In Lifestyle Programming Significantly Improve Health And Fitness In Fire Fighters. Medicine and Science in Sports and Exercise 37(5): S405.
- Sandlin, J.R., Keathley, R.S., **Bounds**, R.G., & Sandlin, M.E. (2005). Personal protective equipment: Time effects on initiation of lifesaving support. Research Quarterly for Exercise and Sport, 76 (1), A45.