



## PhD Research Opportunity in Heat Stress, Fluid Balance and Renal Physiology Lab

**Description:** Dr. Brendon P. McDermott, Director of the Heat Stress, Fluid Balance and Renal Physiology Lab at the University of Arkansas, has funding for a PhD student starting in the Summer or Fall of 2022. This opportunity will enable students to conduct mentored and independent research. The current research focus of the lab includes hydration science, prevention and treatment of heat illness as well as renal stress as a result of physical labor in the heat.

### Potential Funding Sources:

1. Graduate Assistantship - <https://graduate-and-international.uark.edu/graduate/costs-and-funding/graduate-assistantships.php>
2. Fellowships offered through the graduate school - <https://graduate-and-international.uark.edu/graduate/costs-and-funding/fellowships-scholarships/index.php>
3. Graduate school travel funding - <https://graduate-and-international.uark.edu/graduate/costs-and-funding/travel-and-research/travel-grants.php>
4. Faculty grants

### Admission Criteria:

**Doctoral Applicants:** The applicant must have 1) completed a master's degree or its equivalent in a field related to their specialization area to which they are applying, 2) meet general admission requirements of the Graduate School, and 3) a GPA of at least 3.00 on all graduate course work. The GRE is currently being waived through Fall 2022. However, a GRE score is needed to apply for UA fellowships. Additional prerequisites may be prescribed after review of application materials. Applications must include the following:

1. Curriculum vitae.
2. Statement of purpose and research interest, including specification of the area of concentration to which you are applying.
3. Academic transcripts
4. Three letters of recommendation

**The Department:** The Department of Health, Human Performance, and Recreation is one of five academic units in the college. The department offers fully accredited undergraduate (B.S) and graduate degree programs (M.Ed., M.S., Ph.D.) with nearly 1,600 students, 29 graduate assistants, and 29 full-time faculty members.

**The University of Arkansas, Fayetteville:** The University of Arkansas, Fayetteville serves as the major center of liberal and professional education and as the primary land-grant campus in the state with 29,000+ students. The University is Arkansas' major source of theoretical and applied research and the provider of a wide range of public services to people throughout the state and nation. The Carnegie Foundation categorizes the University of Arkansas as a research institution with "very high research activity", placing the University among the top 162 universities nationwide and in a class by itself within the state of Arkansas. *U.S. News and World Report* has ranked the University among the top tier of institutions of higher education as well as one of the top ten national "Up-and-Comers" of public universities. Fayetteville is located in the northwest corner of the state with an approximate population of 85,000 residents. The city and area have been featured in numerous publications as a very desirable and economical place to live and recently was listed by *Money* magazine as one of the "100 Best Places to Live." *Outside Magazine* ranked the University of Arkansas as one of its "top 25 outdoor colleges" due to proximity to Buffalo National River, Beaver Lake, state parks, and regional trails and greenways.

**Contact:** Dr. Brendon P. McDermott – [brendonm@uark.edu](mailto:brendonm@uark.edu)