



BIOMECHANICS

FACULTY POSITION ANNOUNCEMENT

Full/Associate Professor
Department of Biomechanics
University of Nebraska at Omaha

The University of Nebraska at Omaha (UNO) invites applications for a faculty position at the level of full/associate professor. This position will be in the Department of Biomechanics which is housed in the Biomechanics Research Building (BRB). Anticipated starting date is August 13, 2018. The University of Nebraska at Omaha has a strong commitment to achieving diversity among faculty and staff. We are particularly interested in receiving applications from members of under-represented groups and strongly encourage women and persons of color to apply for this position.

Duties and Responsibilities:

- Maintain high standards of academic excellence.
- Provide leadership and mentorship to junior faculty, research associates, graduate and undergraduate students.
- Provide departmental, college, university and professional service.
- Conduct biomedical research and participate in scholarly activity with a defined research agenda that maintains external funding.
- Develop effective collaboration with clinical partners.
- Complement the research of existing faculty in the Department of Biomechanics.
- Provide departmental, university and professional service.
- Workload is strongly focused on research.

Qualifications:

- Doctoral degree in biomechanics, motor control, biomedical engineering, kinesiology or related area.
- Established record of scholarly activity.
- Established record of external funding.
- Established record of academic leadership and mentorship.

Rank and Salary:

Salary is competitive and commensurate with qualifications and experience.

General Information:

The Department of Biomechanics offers a BS degree in Biomechanics. It also offers a PhD with concentrations in Biomechanics and Motor Development/Control. An MS in Biomechanics is currently under development and will be offered Fall of 2018. The Biomechanics Research Building features 23,000 square feet of laboratory, office and collaboration space. The Board of

Regents recently approved an additional 30,000-square foot expansion to the facility that is scheduled for completion in September 2019. The expansion will house eight additional research laboratories, offices, and collaboration space.

Setting:

The Biomechanics Research Building (BRB) was established to develop a new understanding of the dynamical aspects of human movement. It is an environment of academic excellence where biomechanists, engineers, and clinicians collaborate to gain additional insights on healthy and abnormal movement patterns. The BRB is located on the campus of the University of Nebraska at Omaha. The two-story building boasts 23,000 square feet of laboratory, office and collaboration space. The building features seven state-of-the-art laboratories, patient evaluation room, changing rooms, machine shops, washroom, two conference rooms, data processing room, library, numerous faculty offices and student workstations. BRB has strong ties with the University of Nebraska Medical Center, the Omaha Veteran Affairs Medical Center, Creighton University Medical Center, and the University of Nebraska Lincoln College of Engineering. These strong relationships and the close proximity of these facilities and institutions provide the laboratory with immediate access to patients with movement related disorders, clinicians in various domains, and engineers. Our Department is also in the fourth year of a Centers of Biomedical Research Excellence (COBRE) grant from the NIH. As a result of our COBRE, we established a Center for Research in Human Movement Variability. This Center is also located in the BRB.

The University of Nebraska at Omaha (UNO) is a Carnegie Doctoral Research public university. Enrollment is 15,731, which includes 12,624 undergraduates and 3,091 graduate students. Omaha is a dynamic metropolitan area of 700,000 people and has been rated as one of the best environments for living in the nation. Forbes Magazine recently named Omaha as one of the top 15 regions in the nation, after analyzing both economic and quality of life factors. Omaha is also one of the top "eco-cities" in the nation based on air and water quality, open space and population stability according to "E" The Environmental Magazine. The city landscape is a blend of restored office buildings, boutiques, historic preservation sites, shopping malls, parks, and running/bike paths. The Old Market area is a popular destination for residents of Omaha and tourists. This neighborhood features shopping, art galleries, live entertainment and eclectic restaurants that are situated along a river.

Application:

Apply online at <https://unomaha.peopleadmin.com/postings/5310>

Attach a letter of application, curriculum vita, and names of five references, including addresses, e-mail addresses, and telephone numbers. Review of applications will begin on December 21, 2017, and will continue until the position is filled.

Chair of the Search Committee:

Dr. Kota Takahashi

Biomechanics Research Building

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Additional Information:

Dr. Nick Stergiou

Assistant Dean of the Division of Biomechanics and Research Development

Director of the Center for Research in Human Movement Variability and the Biomechanics

Research Building

Chair of the Department of Biomechanics

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