



University of Oklahoma Norman Campus

Quick Facts

Location (city, state): Norman, Oklahoma, USA

Website: <https://www.ou.edu/>

Undergraduate student enrollment: 21,768

Public/Private: Public

Graduate student enrollment: 6,311

Type of Institution: R1: Doctoral Universities – Very high research activity" in the Carnegie Classification of Institutions of Higher Education.

Institutional Description (limit 250 words):

The University of Oklahoma (OU) is a public research university located in Norman, Oklahoma. Founded in 1890, it is known for its strong academic programs, particularly in engineering, business, law, and the arts and sciences. The university is a member of the prestigious Association of American Universities (AAU), which is an organization of leading research universities in North America.

OU's campus covers over 3,000 acres and features a mix of historic and modern buildings, including state-of-the-art research facilities. The university's academic offerings are diverse, with over 170 majors at the undergraduate level and a wide range of graduate and professional programs.

One of OU's notable features is its commitment to research and innovation. The university is home to several research centers and institutes focusing on areas such as aerospace, energy, biomedical sciences, and Native American studies. OU's research activities contribute to advancements in various fields and provide valuable opportunities for students to engage in hands-on learning and cutting-edge research projects.

In addition to its academic strengths, OU has a vibrant campus life with numerous student organizations, cultural events, and athletic programs. The university's sports teams, known as the Oklahoma Sooners, compete in NCAA Division I athletics and have a storied history of success in football, basketball, and other sports.

Overall, the University of Oklahoma offers a rich academic environment, a strong research culture, and a lively campus community, making it a top choice for students seeking a comprehensive and engaging college experience.

Partnership Information

Possible Academic Areas of Collaboration:

Hydrology, Weather and Climate, Environment Sustainability, Environmental Science and Engineering, Civil Engineering, and Renewable Energy

Institutional Strengths:

The University of Oklahoma's Norman Campus (OU) boasts several institutional strengths across various areas:
Academic Excellence: OU offers a wide range of academic programs across disciplines, with strong offerings in engineering, business, law, and the arts and sciences. The university's faculty includes renowned scholars and researchers who contribute to a vibrant intellectual environment.

Research and Innovation: OU is a leading research institution, with research centers and institutes focusing on areas such as aerospace, energy, biomedical sciences, and Native American studies. The university's research activities drive innovation and contribute to advancements in various fields.

Strong Community Engagement: OU is committed to serving its community through outreach programs, partnerships with local organizations, and initiatives aimed at addressing societal challenges. The university's

community engagement efforts make a positive impact on the region and beyond.

Diversity and Inclusion: OU values diversity and inclusion, fostering a campus environment that celebrates different backgrounds, perspectives, and identities. The university offers resources and support services to promote equity and inclusion among students, faculty, and staff.

Athletics and School Spirit: The University of Oklahoma is known for its strong athletic programs, particularly in football, basketball, and other sports. The university's sports teams, the Oklahoma Sooners, have a passionate fan base and a tradition of success, contributing to a vibrant school spirit on campus.

Global Partnerships: OU has established partnerships with institutions and organizations around the world, promoting international collaboration in research, education, and cultural exchange. These global partnerships enrich the university's academic offerings and provide opportunities for students and faculty to engage globally.

Partnership Interests: (*e.g., faculty exchanges, student exchange, dual degrees, joint research, distance learning, etc.*)

We will be looking for faculty exchanges, student exchanges, joint research, and distance learning opportunities. Dr. Tiantian Yang at University of Oklahoma has had a successful Central Asia University Partnerships Program (UniCEN) project with Dr. Shamshagul Mashtayeva at al-Farabi Kazakh National University (KazNU), Almaty. Dr. Tiantian Yang is also a co-supervisor for MS and PhD students for the Hydrology program at KazNU together together with Dr. Shamshagul Mashtayeva.

Interest in Partnership: Why are you interested in partnering with a U.S./Kazakh institution? What do you hope to gain from such a partnership?

We would like to establish short term (summer or full year) student exchange programs and also faculty visit programs to enhance research and teaching capability building, building on the prior successful UniCEN collaboration between Dr. Tiantian Yang at University of Oklahoma and Dr. Shamshagul Mashtayeva at al-Farabi Kazakh National University (KazNU), Almaty. In the prior UniCEN project, a new online course, titled Climate Change and Impacts on Water Energy Food Nexus, was successfully developed. Based on the existing course and online students from both U.S. Hydrology and Water Security Program, as well as students from al-Farabi Kazakh National University (KazNU), we would like to further expand our partnership to research activities, such as have joint students working on commonly interested research topics, co-authoring research papers, and hosting conference sessions in American Geophysical Union annual conferences and also the European Geophysical Union annual conferences to serve the professional community.

Some research topics are in planning, including the topics such as (1) Assessment of the hydro-ecological condition of the Syrdarya River Lower and its increasing throughput capacity under climate change; (2) Improving water use efficiency in the transboundary Syrdarya river basin in Central Asia; (3) Assessment of water and land resources of small transboundary tributaries of the Syrdarya River basin using ground-based and satellite observations.

Main Partnership Contact: (name, title, email):

Dr. Tiantian Yang,

Title: Assistant Professor (to be promoted to Associate Professor starting in July 2024).

Email: Tiantian.Yang@ou.edu