



COLLEGE OF

Arts and Sciences

Oklahoma State University College of Arts and Sciences

College Structure

- Dean
- Associate Dean for Instruction and Personnel
- Associate Dean for Research and Facilities
- Associate Dean for Academic Programs
- Assistant Dean for Outreach and Communications
- Assistant Dean for Academic Services
- Director of Fiscal Affairs
- Business Office
- Student Academic Services
- Research Support Services
- Outreach Office
- Career Services
- Development Office
- Communications and Alumni Relations
- Technical Support/Web Services
- 24 Departments and Schools
- Academic Support for Aerospace Studies & Military Science (ROTC Units)

Faculty

- 362 Tenure Track Faculty
- 16 Endowed Chairs
- 11 Endowed Professorships
- 7 Endowed Lectureships/Series
- \$28,433,375 in Chair, Professorship, and Lectureship Endowments

Student Profile

- 4,852 Undergraduate Students Enrolled in 108 Degree Programs
- 887 Graduate Students Enrolled in 47 Degree Programs
- 3 Undergraduate and 2 Graduate Certificate Programs

Scholarship Resources

- \$12,664,460 Total Scholarship and Fellowship Endowments
- \$661,600 Total Spending Policy for Scholarship and Fellowship Awards

Budget Overview

- \$73,736,239 Total Revenue from all internal sources
- \$36,241,484 State Appropriation

Sponsored Research

- \$79,778,793 Grant Proposals Submitted in FY17
- \$9,168,539 Grants Awarded (all sources) in FY17

Outreach

- More than 16,000 participants
- More than 400 credit- and non-credit courses offered
- More than 300 online credit courses (undergraduate and graduate)
- 11 short-term international travel/study courses
- More than 1,600 high-school students taking German online courses

Building Projects Underway

- The McKnight Center for the Performing Arts at Oklahoma State University
- The Michael and Anne Greenwood School of Music
- Geology Core Research Facility
- Life Sciences and Chemistry undergraduate teaching lab renovations
- Plans to invest approximately \$20 million for building renovations over the next five years

OSU-Tulsa Campus Programs

- American Studies
- Computer Science
- Communication Sciences and Disorders (B.S. and M.S.)
- Multidisciplinary Studies
- Political Science
- University Studies

CAS Departmental Highlights

- The Department of Art, Graphic Design and Art History has nearly 300 undergraduate majors, making it the 5th largest department in the College of Arts and Sciences. The Art Department is housed in two buildings: the centrally located Bartlett Center for the Visual Arts, where graphic design, art history, painting, and drawing are taught; and the Visual Arts Annex, which houses printmaking, sculpture, and ceramics. The MA in Art History, launched in 2012, includes an optional Graduate Certificate in Museum and Curatorial Studies. In 2016, the new MFA program in Graphic Design welcomed its first students to OSU. In 2017, the Prairie Arts Center, a 14,000-square-foot community arts center in Stillwater, came under departmental management.
- The Boone Pickens School of Geology offers B.S., M.S., and Ph.D. degrees. OSU Geology is known for research applied to the petroleum industry as well as environmental and water resources problems. The faculty includes four endowed chair positions, and the addition of the \$3 million, 6,500-square-foot Core Research Facility will be invaluable for

the treatment, storage and analysis of core samples. It will host geology professionals from around the world and allow more research as well as new undergraduate and graduate programming.

- The Department of Chemistry has significant teaching responsibilities and is consistently one of the top departments in terms of extramural funding. Three faculty members are Fellows of the American Chemical Society and several others have received honors as distinguished teaching or research professors. Members of the department have also been cited for their entrepreneurial enterprises. Chemistry students have received numerous awards for research both locally and nationally.
- The Department of Communication Sciences and Disorders offers degrees at the undergraduate and graduate level. The Bachelor of Science degree provides an in-depth study of normal speech, language, and hearing processes, and a background orientation to disorders of communication. The Master of Science degree provides students with intensive course work in communication disorders and a wide variety of challenging clinical rotations both on and off campus.
- The Department of Computer Science offers both a major and a minor, as well as master's and Ph.D. programs. The new Center for Cyber Physical Systems focuses on research, education and outreach in the emerging areas of Cyber Physical Systems and Internet-of-Things spanning several process domains. The new certificate program in Big Data Analytics is now being offered to graduate students. Also, the Department is a pioneer in course delivery via distance education.
- The English Department is home to an actively producing, internationally recognized faculty who teach in long-established BA, MA, and PhD programs in Literature, Film/Television Studies, Creative Writing, Composition and Rhetoric, Professional Writing, Linguistics, and Teaching English to Speakers of Other Languages. In recent years, the department has developed a highly esteemed residential MFA in Creative Writing. English Department faculty and graduate students edit and produce several peer-reviewed journals that command an international readership.
- The Department of Geography offers B.S., B.A., M.S., and Ph.D. degrees in Geography, as well as a post-baccalaureate GIS Certificate. The Department recently added two new undergraduate degrees: the B.S. in Geospatial Information Science, and the B.A. in Global Studies. In the past year, two students (undergraduate and graduate) have received Fulbright Fellowships to conduct research in Estonia and Ethiopia, respectively. Department faculty have been selected to serve in leadership positions with the NSF, and within the discipline in order to improve the retention of women in STEM, specifically the geospatial sciences.
- The Greenwood School of Music is dedicated to academic and artistic excellence. Students and faculty have been recognized with numerous awards at the regional, national, and international levels. Many of the ensembles have performed in the great concert halls across the US including Carnegie Hall, as well as many of the great halls in Europe including the Sistine Chapel. Outstanding alumni include Metropolitan Opera star Sarah Coburn; Ernie Tovar, hornist in the Philadelphia Orchestra; and Colte Julian,

Broadway star in *Million Dollar Quartet*, *Next to Normal*, *Rent*, *Fiddler on the Roof* and *Carousel*. The faculty give performances and master-classes all over the world and many faculty hold continuing appointments with various orchestras including the Tulsa Philharmonic, Oklahoma City Philharmonic and the Boston Pops Orchestra.

- The Department of History excels in all areas of the missions of OSU. Faculty are prolific and innovative researchers and passionate and effective teachers committed to excellence in graduate, undergraduate, and interdisciplinary education. The department's core strengths are U.S. West, Native North America, Public History, Religion, Race and Ethnicity, Transnational, and Food, Medicine, and Environmental.
- The Department of Integrative Biology, comprised of 23 tenured/tenure-track/teaching faculty, has the largest undergraduate enrollment in the College with over 700 students in three majors: Biological Science; Physiology; and Zoology. Within majors, students may select specialized tracks such as pre-medical sciences, pre-veterinary science, ecology and conservation biology, and secondary teacher certification. The Department also has over 60 graduate students (M.S. and Ph.D.) and consistently ranks among the College's top departments in extramural funding. The research programs in Integrative Biology cover a diversity of fields in ecology, environmental stress, physiology, evolution, animal behavior, and genetics.
- In the Department of Languages and Literatures, the scope and nature of the faculty's activities extends from very local data-collecting projects here in Oklahoma to archival work and presentations on several continents, conducted in multiple languages. These projects investigate highly varied topics, from specific linguistic properties of languages, to recent and past developments in literature and theater. Faculty pursue research projects in the field of language sciences and linguistics as well as in cultural and literary studies. During the last year, prominence of the work of our faculty has been evident in eleven international conference presentations and three invited talks. The faculty published six peer-reviewed journal articles and five book chapters, two editions and one monograph in 2017. One faculty member was the lead editor for a festschrift for Frederick de Armas, one of the most prominent scholars of 16th and 17th century Spanish literature in the world today. Other scholarly work includes presentations at regional and national conferences, book reviews, encyclopedia entries, and a blog on Russian language teaching. This kind of work will continue in the future, as many of our faculty have journal articles or book chapters in press or accepted, and others have work under review, including a book-length collection of interviews and a third edition of a textbook.
- The Department of Mathematics has two Fellows of the American Mathematical Society and has received four Sloan Foundation Fellowships, one of the most prestigious awards for young research scholars. Several years ago, the Department undertook an initiative that has greatly improved student success in lower-division mathematics courses and has received national attention. The Department is helping lead cooperative efforts throughout Oklahoma to improve how mathematics is taught at the college and university levels and is involved in several partnerships to work with pre-service and in-service teachers and with students in the local schools.

- The School of Media and Strategic Communications is among the largest units in the College in terms of majors. It offers undergraduate degrees in Multimedia Journalism, Sports Media, and Strategic Communications, and an M.S. in Mass Communication. The School consistently develops nationally competitive students. The School finished in the top ten in the Hearst National Intercollegiate Writing Competition for the fourth year in a row in 2018. Advertising students finished second in the National Scholastic Advertising Competition in 2017.
- The Department of Microbiology and Molecular Genetics has fourteen faculty members, 6 staff persons, 33 graduate students, and 246 undergraduate majors. The entire faculty is research active and stresses teaching excellence. The Department tops the College in external research grants and ranks in the top quartile for student retention and graduation rates. Faculty scholarship is in the areas of microbiome structure and function, genomics and bioinformatics, biofuels, and medical microbiology.
- The Department of Philosophy, consistent with its commitment to the land-grant mission, aims to excel in research, teaching and outreach. The department's research profile is broad. It has researchers with international reputations in a variety of areas, including Ethics, Philosophy of Religion and Philosophy of Psychology. The department regularly sponsors public forums and panel discussions on current moral/social issues through the "Friends of the Forms" lecture series, the "Critical Conversations" lecture series, and conferences and lectures sponsored by the Ethics Center. Philosophy faculty members are known for their teaching excellence and have won the most prominent teaching awards.
- The Department of Physics has thriving graduate-education and research programs, with approximately 50 graduate students in the Physics and Photonics M.S. and Ph.D. programs. In addition, the undergraduate program continues to grow, where currently we have approximately 50 physics majors. The department's research foci are biophysics, condensed matter, high-energy physics, atomic and molecular physics, radiation physics and photonics, which are funded by DoD, DOE, NASA, etc. The department's 22 faculty members have international reputations for their research, including seven who are American Physical Society Fellows. The department also is the home of the university's observatory, which is in the final phase of upgrading.
- The Department of Plant Biology, Ecology, and Evolution offers undergraduate degrees in Plant Biology, with options of Pre-Pharmacy, Cell Biology and Molecular Genetics, and Ecology and Evolutionary Biology. It also offers a master's in Plant Biology and an interdisciplinary Plant Sciences Ph.D. program. Faculty expertise spans the breadth of plant biology and ecology and their research programs are funded by NSF, US-DOE, and the USDA. The Department maintains the OSU Herbarium, which contains 140,000 specimens mainly from Oklahoma and the Great Plains and manages the James K. McPherson Preserve, a 180-acre nature preserve near campus.
- The Department of Political Science offers B.S., B.A., and M.A. degrees. Its faculty have received several prestigious teaching and research awards and their expertise is regularly highlighted in national and international media outlets. The Department showcases being a center for discussing diversity issues and an open environment to debate the latest issues of the day. It is known for providing students opportunities for making practical

applications of their knowledge through research and teaching practicums, as well as expanded study abroad and internships throughout the state and D.C.

- The Department of Psychology promotes behavioral science through excellent teaching in undergraduate and graduate training programs, nationally and internationally recognized research, and outstanding service to the University, profession, community, and the people of Oklahoma. Established in 1958, the Department offers undergraduate and graduate courses with a faculty of 25 full-time members. The Department is among the top three departments in the entire College in regards to both grants and contracts and credit hour generation. There are over 600 undergraduates majoring in Psychology and approximately 50 graduate students in the Department. The Department is planning to offer a fully online degree option beginning Fall of 2019. The Department offers doctoral degrees in two programs, Clinical Psychology and Experimental Psychology. The clinical program has been continuously accredited since 1974 and is a member of the Academy of Psychological Clinical Science. Located in North Murray Hall, the Department maintains offices and research laboratories for faculty and graduate students and a large computer lab. The Department also administers SPCH courses for the College, offering approximately 60 sections of SPCH 2713 with a faculty of one tenured faculty member and eight career-track Teaching Assistant Professors/Teaching Instructors.
- The Department of Sociology offers B.A and B.S. degrees with courses covering topics including community, criminology, corrections, deviance, environment, social problems, social psychology, research methods, and theory. The Department also offers M.S. and Ph.D. degrees emphasizing rigorous training in quantitative and qualitative research methods, statistics, and theory combined with specialty areas in environmental sociology, social inequality, criminology, social movements, and social psychology. In addition to these offerings in sociology, the Department houses anthropology courses.
- The Statistics Department at OSU has eight tenured or tenure-track faculty and three Visiting Assistant Professors. The Department offers B.S., M.S., and Ph.D. programs in Statistics, as well as an M.S. in Applied Statistics, which is the first completely online degree offered by the College. The Department has university-wide teaching responsibilities at the undergraduate and graduate levels. In addition, the Department runs consulting activities with the College of Agricultural Sciences and Natural Resources, the Center for Health Sciences in Tulsa, and the Center for Veterinary Health Sciences. Faculty expertise lies in wide areas of the statistical sciences, including applications in medical sciences, life sciences, physical sciences, political polling, engineering, agriculture, and veterinary medicine.
- The Department of Theatre offers Bachelor of Arts degrees in Theatre and Arts Administration, as well as minors in Theatre and Dance, and prepares students for multiple career tracks in the entertainment industry. Students and faculty produce six to eight productions each year in two theatre spaces. All faculty members work professionally and/or publish. The University is accredited by the National Association of Schools of Theatre.

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