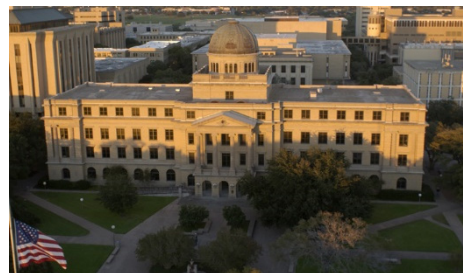


Graduate Studies in Nuclear Science at Texas A&M University



DEPARTMENTAL WEBSITES

physics.tamu.edu

chem.tamu.edu

NUCLEAR PEOPLE

Experimental Faculty	12
Theoretical Faculty	7
Physics Faculty	16
Chemistry Faculty	3
Female Faculty	3
Graduate Students	29
Female Graduate Students	6

APPLICATION WEBSITES

Physics: www.ApplyTexas.org

Chemistry: www.ApplyTexas.org

APPLICATION DEADLINES

Physics

Domestic: December 1

International: December 15

Chemistry

All Students: December 15

CONTACT IN NUCLEAR SCIENCE

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Cyclotron Institute

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General Information

Texas A&M University was founded in 1876 as the Agricultural and Mechanical College of Texas, the first institution of higher learning in the state. At that time, the all-male student body focused on training in military and agricultural sciences. Today, A&M is a comprehensive, coeducational institution offering degrees in over 130 undergraduate fields and 260 master's and doctoral programs.

The university prides itself on its sense of tradition and service, with many undergraduate students joining the Corps of Cadets, an enduring symbol of the university. Of the 64,000 students, 22,000 volunteer in the "Big Event," the largest one-day, student-run service project in the nation.

Nuclear Physics and Chemistry Research Areas

Fundamental Interactions

Giant Resonances

Heavy Element Chemistry

Theoretical Nuclear Physics

High-Energy Nuclear Physics

Nuclear Astrophysics

Nuclear Reactions and Thermodynamics

Spin Physics

Other Broad Research Areas in the Departments

Astronomy and Astrophysics

Biochemistry and Biological Chemistry

High-Energy Physics Experiment and Theory

Low-Temperature and Condensed Matter Physics

Natural Product and Supramolecular Chemistry

Organic and Organometallic Chemistry

Quantum Optics and Atomic Physics

Spectroscopy and Mass Spectrometry

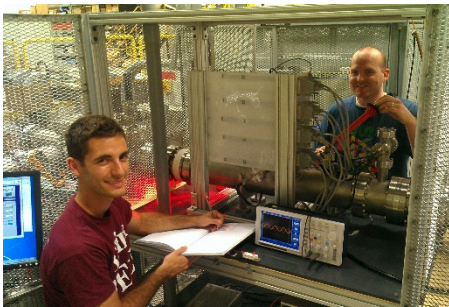
Texas A&M University



Cyclotron Institute

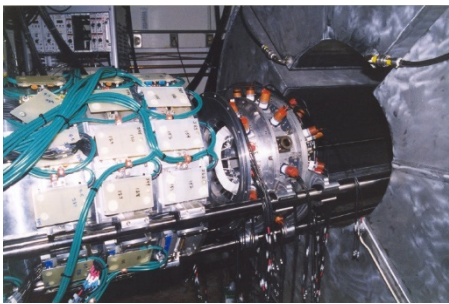
Cyclotron Institute

The Texas A&M University Cyclotron Institute is a leading nuclear science research facility, with a broad range of activities. Funded primarily by the Department of Energy and the Robert A. Welch Foundation, the Institute operates two cyclotrons. The K500 superconducting cyclotron delivers intermediate-energy beams of heavy ions for experiments in radioactive beam production, multifragmentation, and nuclear astrophysics. The K150 normal-conducting cyclotron is being recommissioned to provide very intense, low-energy beams and will be the driver for a reaccelerated radioactive beam program under development.



TAMUTRAP Cooler/Buncher

Instrumentation available at the Institute includes the MARS recoil spectrometer, the MDM broad-range spectrometer, an ion interactions line, the NIMROD array for neutrons and charged particle identification, the FAUST array for isotopic identification, a fast-tape transport system and decay station, and a radiation effects facility. Theoretical research is focused in the areas of low-energy nuclear reactions, high-energy nuclear collisions, the quark-gluon plasma, and nuclear astrophysics.



NIMROD

Among the 19 faculty members, three are Distinguished Professors at the university and eight are Fellows of the American Physical Society. Individual faculty members have won the American Chemical Society Glenn T. Seaborg Award, the Humboldt Research Award, the NSF CAREER Award, the American Physical Society Maria Goeppert Mayer Award, the IUPAP Young Scientist Prize, and the DOE Early Career Award.

Institute faculty and staff have begun working with members of the Nuclear Engineering department on issues related to isotope production and nuclear forensics. This is part of a broader effort toward coordinating the university's entire nuclear research program, including fundamental research, applied research, and nuclear policy.

VISIT US ONLINE AT

cyclotron.tamu.edu



About College Station

Texas A&M University is situated in southeast Texas, centrally located near the greater Houston, Austin, Dallas/Ft. Worth, and San Antonio metropolitan areas. 80% of Texas' population lives within a 200-mile radius of College Station. Winters are mild and the area averages over 200 sunny days per year. Combined with the neighboring city of Bryan, the area has a population of over 175,000 and offers a high quality of life with a moderate cost of living. There are numerous opportunities to enjoy outdoor activities, performing arts, and sporting events.