

**Pre-Conference Proceedings
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**Purdue University
West Lafayette, Indiana**

Purdue University

Purdue University is one of the 68 land-grant colleges and universities that owe their origin to the Land-Grant Act of 1852, otherwise known as the Morrill Act. Three years after the act's passage, the General Assembly of Indiana voted to begin preliminary plans for a school devoted primarily to the agricultural and mechanical arts.

In 1869, the Assembly voted to accept a gift of land and money from John Purdue and other generous Lafayette citizens, and, in appreciation, declared the name of the new institution to be Purdue University. The University is assisted by state appropriations, with support by federal grants and corporate and individual contributions.

Actual instruction began in 1874 with 39 students and a faculty of six. Today, Purdue University enrolls more than 65,000 students at the following locations:

West Lafayette
Calumet (Hammond)
Indiana University-Purdue University Fort Wayne
Indiana University-Purdue University Indianapolis
North Central (Westville)
plus 11 School of Technology statewide delivery system locations

Instruction is organized through the schools of Agriculture; Consumer and Family Sciences; Education; Engineering; Liberal Arts; Management; Pharmacy; Nursing, and Health Sciences; Science; Technology; and Veterinary Medicine; and through the Graduate School, Engineering Schools and Departments are as follows:

Engineering Schools

Aeronautics and Astronautics
Chemical
Civil
Electrical and Computer
Industrial
Materials
Mechanical
Nuclear Engineering

Departments

Agricultural and Biological Engineering
Construction Engineering and Management
Freshman Engineering
Division of Interdisciplinary Engineering Studies

Extensive research programs are maintained by nearly all academic areas of the University. The Cooperative Extensive Service, through the county agents, services the entire state. A variety of courses are offered through the conferences program and continuing education services sponsored by the University.

The Schools of Engineering
at
Purdue University

Graduate degrees are offered in the fields of aeronautics and astronautics and interdisciplinary engineering studies, and in agricultural, chemical, civil, electrical, industrial, mechanical, materials, and nuclear engineering.

Research activities in these fields are conducted as a part of the program of graduate instruction with students participating under the direction of their professors. The programs of graduate research and education in the engineering schools are increasingly concerned with the fundamentals of the physical sciences and mathematics, as the engineering profession faces increasing responsibilities for dealing with problems whose solutions lie at the frontiers of knowledge.