The Department of Engineering Physics (EP) within the University of Wisconsin—Madison College of Engineering is the home of three undergraduate degree programs (nuclear engineering; engineering mechanics and astronautics; and engineering physics) and two graduate degree programs (nuclear engineering and engineering physics; and engineering mechanics). The department’s faculty conducts research in the areas of nuclear systems, plasma physics and fusion energy science, and experimental and theoretical mechanics. This combination of topics fosters synergies with respect to neutronics, nuclear materials, mechanics of novel materials, fluid dynamics, and computation. The graduate nuclear engineering program has been ranked in the top four, nationally, by U.S. News and World Report in each of the past ten years.

**DEGREES/MAJORS/CERTIFICATES**

- Engineering for Energy Sustainability, Certificate ([link](http://guide.wisc.edu/undergraduate/engineering/engineering-physics/engineering-energy-sustainability-certificate))
- Engineering Mechanics, B.S. ([link](http://guide.wisc.edu/undergraduate/engineering/engineering-physics/engineering-mechanics-bs))
- Engineering Physics, B.S. ([link](http://guide.wisc.edu/undergraduate/engineering/engineering-physics/engineering-physics-bs))
- Nuclear Engineering, B.S. ([link](http://guide.wisc.edu/undergraduate/engineering/engineering-physics/nuclear-engineering-bs))

**PEOPLE**

**PROFESSORS**
Henderson (chair)
T. Allen
Blanchard
Bonazza
Crone
Fonck
Hegna
Lakes
Schmitz
Smith (also Mathematics)
Sovinec
Waleffe (also Mathematics)
Wilson

**ASSOCIATE PROFESSORS**
M. Allen
Witt

**ASSISTANT PROFESSORS**
Couet
Franck
Notbohm
Scarlat

**RESOURCES AND SCHOLARSHIPS**

**FACILITIES**
Facilities available for instruction and research include:

- Fluid Mechanics and Heat Transfer Laboratories
- Instructional Computing Labs (in Computer Aided Engineering)
- Nanomechanics Laboratory
- Nuclear Instrumentation Laboratory
- Plasma Physics Laboratories
- Superconductivity and Cryogenics Laboratories

See department website ([link](https://directory.engr.wisc.edu/display.php/faculty/?page=ep&search=faculty)) for list.