Did you know?

- Michigan Tech has over twenty distinct research centers and institutes.
- Students in all engineering disciplines participate in the Research Scholars Program.
- Admission to the Research Scholars Program is by invitation only.

“\[I have always been curious about how and why things works. RSP offers a hands-on approach.\]”

Justin Gillespie, artificial heart development

contact us

Research Scholars Program
College of Engineering
Michigan Tech
712 Minerals & Materials Engineering Building
1400 Townsend Drive
Houghton, MI 49931-1295

Dr. Jean Kampe, Advisor
Department of Engineering Fundamentals
906-487-3046
kampej@mtu.edu

Learn more about the Research Scholars Program online at www.engineering.mtu.edu/rsp

College of ENGINEERING
The Research Scholars Program introduces select students to the possibilities of a research career path at Michigan Tech and beyond.

After discussions with professors, presentations from researchers, and tours of the many research facilities at Michigan Tech, Research Scholars will gain an awareness of the extensive opportunities available.

The goal is to nurture your interest in research—and help you connect with a faculty member doing research in a field that interests you.

At Michigan Tech you can begin working with a faculty mentor on a research project as early as your freshman year.

"This experience has been exciting in the short term and invaluable to my future."
Eli Vlaisavljevich, evaluation of biomimetic catheter coatings

"This isn't a class, where everything is spoon-fed to me. It has forced me to take a lot of initiative."
Hans Nyberg, Beowolf cluster construction

looking for a challenge?

Research opportunities are wide-ranging. Here are a few examples:

- Advanced propulsion systems for hybrid electric vehicles
- GPS guided robotic vehicle
- Laser communications
- Parametric study of an artificial heart
- Axon regeneration after spinal cord injury
- Self-powered magnetoelastic materials
- Archeologic dating techniques
- Cancer nanotechnology
- Meniscus research to prevent osteoarthritis
- Great Lakes water research
- Geomagnetic research in Western Australia
- Groundwater investigations at the Bering Glacier, Alaska
- Biofuels life cycle analysis
**your ideas start here**

The Research Scholars Program introduces select students to the possibilities of a research path for their career at Michigan Tech and beyond.

After discussions with professors, presentations from researchers, and tours of the many research facilities at Michigan Tech, Research Scholars will gain an awareness of the extensive opportunities available.

The goal is to nurture your interest in research—and help you connect with a faculty member doing research in a field that interests you.

At Michigan Tech you can begin working with a faculty mentor on a research project as early as your freshman year.

**a key benefit**

Guaranteed acceptance to the engineering graduate program if you maintain a minimum cumulative GPA of 3.0 or higher in your undergraduate study.

“**This experience has been exciting in the short term and invaluable to my future.**”

Eli Vlaisavljevich, evaluation of biomimetic catheter coatings

**looking for a challenge?**

Research opportunities are wide-ranging. Here are a few examples:

- Advanced propulsion systems for hybrid electric vehicles
- GPS guided robotic vehicle
- Laser communications
- Parametric study of an artificial heart
- Axon regeneration after spinal cord injury
- Self-powered magnetoelastic materials
- Archeologic dating techniques
- Cancer nanotechnology
- Meniscus research to prevent osteoarthritis
- Great Lakes water research
- Geomagnetic research in Western Australia
- Groundwater investigations at the Bering Glacier, Alaska
- Biofuels life cycle analysis

“**This isn’t a class, where everything is spoon-fed to me. It has forced me to take a lot of initiative.**”

Hans Nyberg, Beowolf cluster construction
discover ways to be inspired

Did you know?

• Michigan Tech has over twenty distinct research centers and institutes.

• Students in all engineering disciplines participate in the Research Scholars Program.

• Admission to the Research Scholars Program is by invitation only.

“I have always been curious about how and why things works. RSP offers a hands-on approach.”

Justin Gillespie, artificial heart development

contact us

Research Scholars Program
College of Engineering
Michigan Tech
712 Minerals & Materials
Engineering Building
1400 Townsend Drive
Houghton, MI 49931-1295

Dr. Jean Kampe, Advisor
Department of Engineering Fundamentals
906-487-3046
kampej@mtu.edu

Learn more about the Research Scholars Program online at www.engineering.mtu.edu/rsp

College of
ENGINEERING

research scholars program

MICHIGAN TECHNOLOGICAL UNIVERSITY