



BIOMIMICRY FELLOWSHIP SPONSORSHIP INFORMATION



Eaton is proud to sponsor a Biomimicry Fellow in University of Akron's Integrated Bioscience PhD Program in collaboration with Great Lakes Biomimicry.

Eaton is a power management company with 2017 sales of \$20.4 billion. We provide energy-efficient solutions that help our customers effectively manage electrical, hydraulic and mechanical power more efficiently, safely and sustainably. Eaton is dedicated to improving the quality of life and the environment through the use of power management technologies and services. Eaton has approximately 96,000 employees and sells products to customers in more than 175 countries.

At Eaton, we help our customers solve their greatest power management challenges through our industry leading electrical, aerospace, hydraulic and vehicle products and services. We are dedicated to manufacturing excellence and to providing innovative products that make our customers more successful. Our broad product mix can be found in industries all over the world, protecting people and assets, while improving productivity and efficiency.

Biomimicry is an interdisciplinary field that requires understanding of biological functions, designs, and principles, which can enable *high performance and sustainable solutions*.

We are looking for a highly innovative and driven Fellow, who is passionate about finding new design principles in nature that can inspire different products. The Eaton Biomimicry Fellow will be sponsored by Eaton's Corporate Research and Technology group and the collaborative work will be conducted virtually and via intermittent travel to Eaton's Southfield, Michigan office. The Fellow will interact with Eaton scientists and engineers and the work at our location will be supervised by a project manager within our Company.

The Fellow's work could be related to many areas of interest to Eaton including:

- Advanced Structures (High strength/Adaptable/Lightweight /Acoustic)
- Advanced Materials (Composite/Smart)
- Advanced Manufacturing Processes (Process optimization)

We are looking for applicants that have strong background and passion about mechanical engineering and biological systems. Engineers and biologists with experience using quantitative engineering analyses and approaches in the study of biological systems are encouraged to inquire about the fellowship.

This is a great opportunity for a student to gain industrial experience and make a difference while completing a graduate degree. If you are interested in learning from nature to solve real world problems, please consider applying to this program.

For more information about Eaton, please check out our website at <http://www.eaton.com/us/en-us.html>. For more information about the Biomimicry Fellowship Program, in general, contact Emily Kennedy (ekennedy@uakron.edu). For more information about the Eaton Biomimicry Fellowship, specifically, contact Michael Froehlich (MichaelJFroehlich@eaton.com), copying Emily Kennedy (ekennedy@uakron.edu). For more information about Great Lakes Biomimicry – University of Akron's partner in design and execution of the Biomimicry Fellowship Program – visit their website at glbiomimicry.org