

Wednesday, December 11, 2019

Learning from Nature to Inspire Innovation

AIChE (Akron & Cleveland) – ACS Joint Meeting



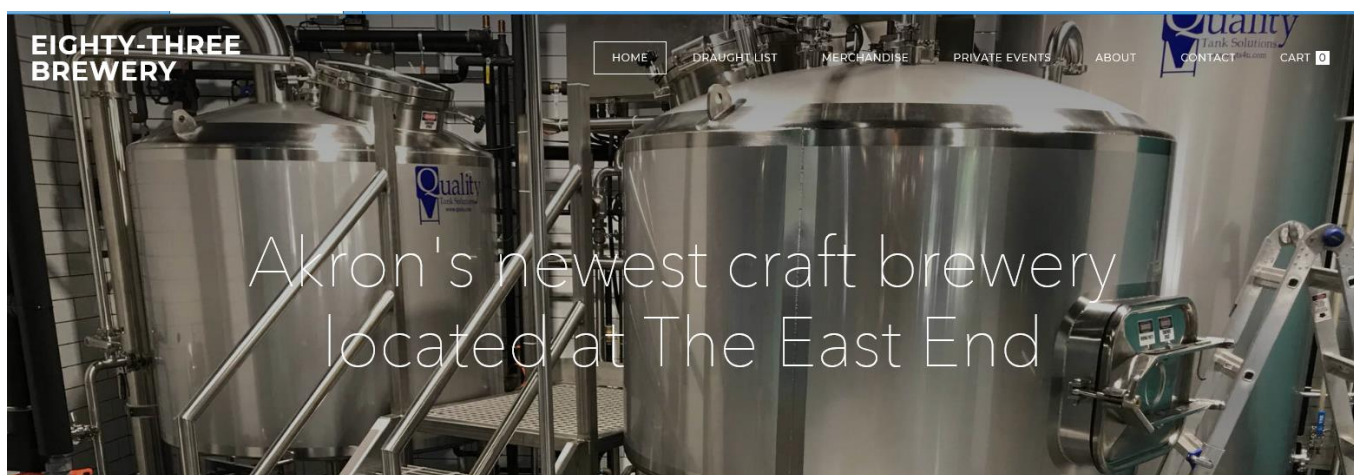
NEWSLETTER NEWS CONTACT US SEARCH [DONATE](#)
[ABOUT](#) [EDUCATION](#) [BUSINESS](#) [SERVICES](#)



Great Lakes Biomimicry, The University of Akron's Biomimicry Research and Innovation Center, the Bio-inspired ecosystem they've created in NEO. Nature is both elegant and efficient, using only the energy and resources it needs to perform its functions making it the perfect place to look for inspiration. Here are some real-world examples of how biomimicry helped local companies discover new solutions for their products. Using biomimicry to solve a design problem requires someone to not only consider how nature does something, but also ask the right questions based on the functions o design needs to achieve in its goal.

Dr. Adam Smith will share about the design of low-cost spectrometers to monitor water quality with citizen scientists, which harness the concept of collective intelligence in biological systems, and his work with biomimetic membranes, used to study the molecular mechanisms of cell signaling and to develop novel biosensors.

Great Lakes Biomimicry is a non-profit in Cleveland that helps organizations learn from nature to accelerate sustainable innovation. The University of Akron is an internationally recognized leader in the rapidly growing field of biomimicry. Their Biomimicry Research and Innovation Center (BRIC) is dedicated to connecting scientists, engineers, designers and business people to catalyze biomimicry-based innovation.



Now open at the East End in Akron!

Location: 83 Brewery

(Historic Goodyear Bldg. – East End Complex)

1201 East Market Street, Suite 110

Akron, OH 44305

234-571-1067

Networking:

5:30 PM

Dinner:

6:30 PM

Lecture:

7:00 PM

<http://www.eighty-threebrewery.com>

Cost: \$25 members & guests; \$10 students

Dinner Selection:

1. Grilled Chicken Marsala
2. Shrimp and Grits
3. Pesto with grilled shrimp or chicken
4. Buffalo Chicken Salad

RSVP to: AkronAIChE@gmail.com by December 9, 2019

