

## A new hydrogen fuel cell technology takes off



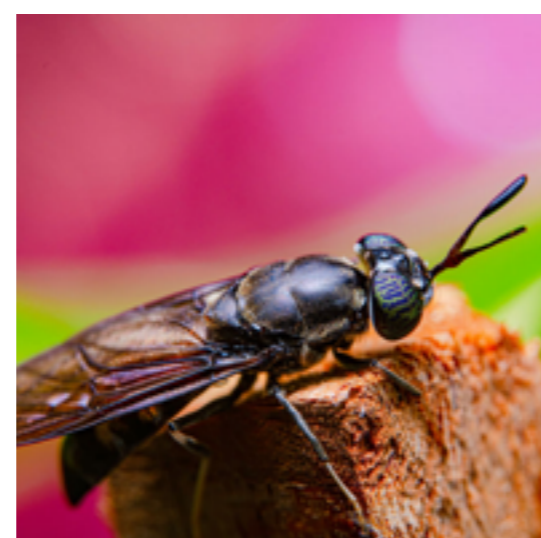
A new hydrogen-powered propulsion system from Falcon Fuel Cells Inc. could be a game-changer for the drone market. The Rochester startup is commercializing a technology based on an original patent developed through research at GIS. [Read more](#)



## “Keep It Fresh!” symposium wrap-up

### New annual, student-led research program has successful start

We asked four teams of university students to reduce food spoilage by rethinking packaging—here’s what happened. [Read More](#)



## River Road Research (Stratium)

### Commercializing fly-driven biotech

Can black soldier flies offset the impacts of food waste and overfishing? This Buffalo startup thinks so. [Read More](#)



## 2023 RIC-RIT World Remanufacturing Conference

### Defining remanufacturing’s carbon-cutting potential

The annual conference is under way this week in Springfield, Missouri, to show remanufacturing’s potential as a driver of a zero-carbon economy. [Read More](#)

## Recent Faculty Research

[Biomass residue to carbon dioxide removal: quantifying the global impact of biochar](#) >  
Thomas Trabold (primary investigator)

[Lessons, narratives, and research directions for a sustainable circular economy](#) >  
Callie Babbitt (co-author)

[How spillovers from pollution cleanup in the Ganges affect welfare in Kanpur and Varanasi](#) >  
Amit Batabyal (author)

[Estimating global demand for land-based transportation services using the shared socioeconomic pathways scenario framework](#) >  
Nathan Williams (co-author)

## New Tools and Resources

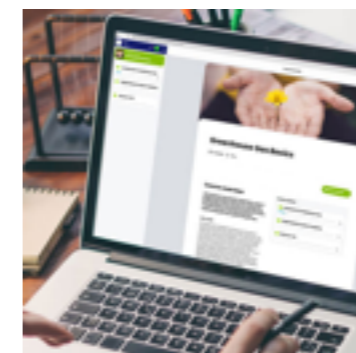
### Industry 4.0 Academy >

A free resource for kickstarting digitalization featuring 150+ educational courses selected by RIT from experts like MIT, McKinsey, and more.



### Greenhouse Gas Basics Course >

A self-paced, online course for anyone interested in learning the fundamentals of greenhouse gas emissions, what they are, and how they’re measured.



### Untap New York >

A technical assistance program to help craft beverage makers in New York State reduce the environmental impacts of water, energy, and chemical use.



### Golf Course Sustainability Handbook >

A how-to for maintaining a beautiful golf course using more sustainable methods for managing water, nutrients, pests, and pollution.



## Photo Spotlight

Last summer, GIS doctoral students Tunmise Raji and Fhazhil Wamalwa traveled with Prof. Nathan Williams to Dedan Kimathi University of Technology (DeKUT) in Kenya. They presented their research exploring how rural electrification could be linked with irrigation strategies in Sub-Saharan Africa. [View post](#)



## Past Editions

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