

RIT researchers help scale breakthrough decarbonization technology



Engineers are bringing to scale a mobile prototype system that creates a solid, stone-like material using industrial waste. [Read more](#)

News



Great ingredients meet smart tech: Craft Cannery's recipe for growth

From reactive to proactive: how this small New York State food manufacturer is capitalizing on advanced sensor monitoring. [Read more](#)



Engaging Tenants in Food Scraps Diversion Programs for Multifamily Housing

In food scraps diversion for multifamily buildings, tenants hold a key to successful composting programs through advocacy and participation. [Read more](#)

Recent Events



New York State Innovation Summit

October 29-30, 2025

NYSP2I and COE-ASM participated in a multi-day celebration of innovation and technology at the New York State Innovation Summit, which also hosted the NYSTAR Annual Meeting. We exhibited, networked, and connected with organizations and individuals driving progress across the region.

Upcoming Events



2026 REMADE@ Circular Economy Tech Summit & Conference

March 11-12, 2026

REMADE's 2026 Conference is open to members, non-members, and university students from across the U.S. and around the world. Join us in Washington, D.C. to help accelerate the transition to a circular economy. [Learn more](#)



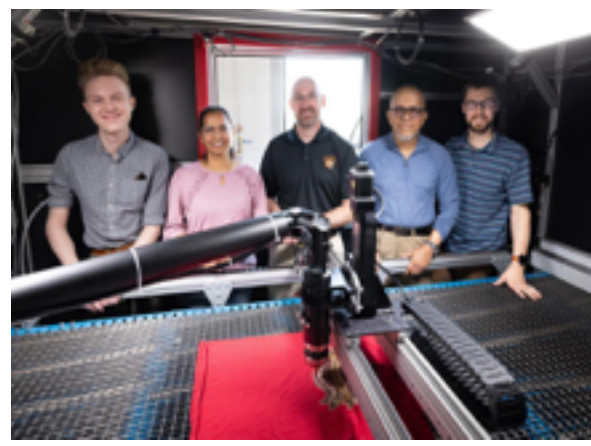
2026 RIC-RIT World Remanufacturing Conference

September 29-October 1, 2026

Join us in Charlotte, NC! This conference is the only remanufacturing event where global leaders across industries can connect, exchange, and create opportunities for the sector.

[Book your room today!](#)

In the News



Your old jeans: RIT is solving the zipper problem with recycling

[Watch the interview](#)

Recyclers Rejoice: AI Learns to See What's Beneath the Seams

[Read the article](#)

Recent Publications

Tanneries in Kanpur, India, Water Pollution in the Ganges, and Unitization
Amitrajeet A. Batabyal (GIS faculty)

Retail Rate Design for Decarbonized and Resilient Electricity Systems

Madalsa Singh (GIS faculty)
Bruce Cain (Stanford University)
Inês M. L. Azevedo (Stanford University)

Empirical Assessment of the Relationship Between Teleworking Frequency and Residential Energy Use in the U.S.

Chaeyeon Han (Georgia Institute of Technology)
Subhrajit Guhathakurta (Georgia Institute of Technology)
Eric Hittinger (RIT faculty)
Kun Liu (GIS PhD candidate)
Sinoun Phoung (GIS PhD candidate)
Eric Williams (GIS faculty)

Crack Mitigation and Wear Performance of High-strength Steel Coatings Deposited by High-speed Laser Cladding

Joha Shamsujjoha (GIS research faculty)
Shirley Garcia Ruano (GIS staff)
Jeremy Siegfried (GIS staff)
Brandon Baker (GIS staff)
Michael Thurston (GIS research faculty)
Mark Walluk (GIS Assistant Director, COE-ASM)
Ronald Holding (GIS staff)
Aravind Jonnalagadda (Synergy Additive Manufacturing)

Academic Spotlights



Three GIS doctoral candidates advanced to RIT's final round in the international 3-Minute Thesis competition; one took second place. **Katie Malarkey**, **Alexa Kaminski**, and **Sherralyn Sneezer** captivated a packed auditorium with summaries of their leading-edge sustainability research in record time.

[See post](#)



GIS alumna **Dr. Ayo Arowosola**, currently a postdoctoral researcher at MIT, came back to campus, engaging graduate students with real-world applications of Sustainability education and sharing how it supports a career full of purpose.

[See post](#)



GIS Architecture core faculty **Nate Heckman** and team won a national competition with their fire-resilient home design honoring California history while meeting future-forward climate demands.

[See post](#)

Tools and Resources



College campus food waste diversion webinars

This NYSP2I series showcases the "Management of Wasted Food," a toolkit developed by Clarkson University, and offers insights and lessons learned at three NY colleges operating on-site food waste diversion programs.

[View webinars](#)



Elegant press design eases energy-bar maker's manufacturing process to boost output

COE-ASM provided Jeca with a prototype rolling station that preserves high nutritional value while meeting FDA requirements and growing product demand.

[Read case study](#)



NYSP2I Conducts LCA and Develops Environmental Product Declaration on WexEnergy's PolarSkin™ and SolarSkin™

ISO-compliant analysis quantified environmental impact from cradle to gate, enabling the window insulation panel maker to identify opportunities for impact reduction.

[Read case study](#)



[View past newsletters](#)