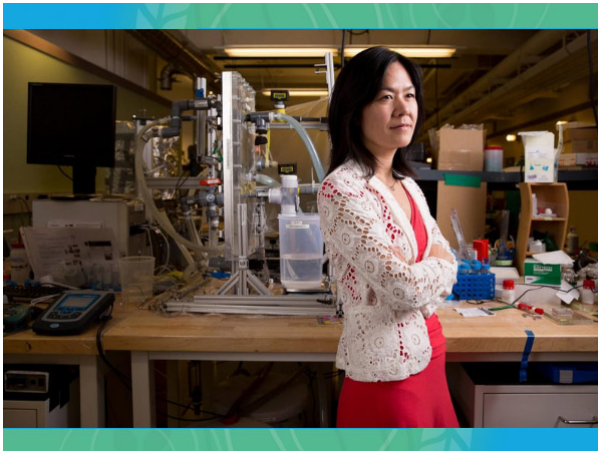


## NEWS & ANNOUNCEMENTS



### J-WAFS PI alters the wettability of surfaces

A new kind of surface created by Evelyn Wang & her lab may have applications in the water treatment industry.

[READ MORE](#)

### MIT Water Summit explores climate resilience

Students, industry leaders, and experts discussed strategies for mitigating climate change threats to coastal cities.

[READ MORE](#)

### J-WAFS fellow featured on Pumps & Systems podcast

Hilary Johnson discusses her groundbreaking centrifugal pump, which improves the energy efficiency of water & wastewater systems.

[LISTEN NOW](#)

### J-WAFS seed grant team publishes new method to remove micropollutants

Patrick Doyle and graduate students Devashish Gokhale and Ian Chen detail

### MIT ESI fellows link climate change to local issues

The journalism fellows worked with U.S. communities to understand the

their technology in ACS Applied Polymer Materials.

[READ MORE](#)

nuances of issues like water rights and factory farm waste.

[READ MORE](#)



## J-WAFS is on Instagram

We have put new life into our Instagram account. Follow us for water & food-related content including events and news!

[FOLLOW US](#)

## MIT alum works in water, agriculture, and sanitation

Latifah Hamzah '12 seeks to improve the chocolate industry, waste management, and more in their native Malaysia.

[READ MORE](#)

## J-WAFS seed grant publication receives editor's highlight

The highlight summarizes a research paper by Charlie Harvey and team on reducing arsenic exposure in water in Bangladesh.

[READ MORE](#)

## MIT podcast connects food systems & climate change

On the TILClimate podcast, NASA's Cynthia Rosenzweig explores how climate change is impacting everything from avocados to beef.

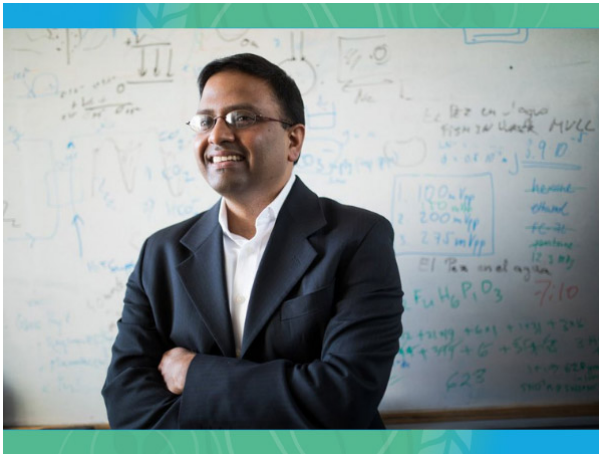
[LISTEN NOW](#)

## MIT alum makes fast-food healthy

Fast Food Generation, a Boston restaurant founded by Cassandra Campbell MCP '11, uses locally-sourced ingredients to make affordable, Caribbean-inspired meals.

[READ MORE](#)

## J-WAFS PI launches



## startup

Kripa K. Varanasi's AgZen reduces pesticide pollution by using his technology to improve droplet retention on plant leaves.

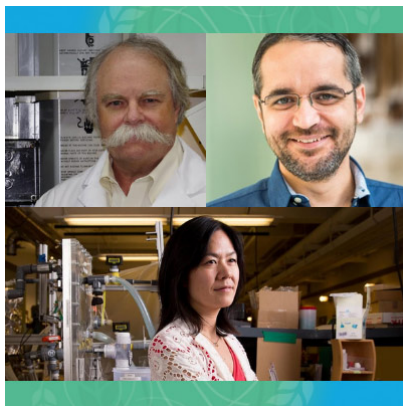
[LEARN MORE](#)

# IN-DEPTH LOOK

J-WAFS PIS HONORED AS AAAS FELLOWS

## Three J-WAFS PIs recognized for their extraordinary contributions to science and society

The American Association for the Advancement of Science (AAAS) recently announced their 2021 class of AAAS Fellows. The cohort includes 564 scientists, engineers, and innovators from 24 scientific disciplines. Among this distinguished group are J-WAFS PIs Evelyn Ning-Yi Wang, Mircea Dincă, and Ian W. Hunter.



Evelyn Wang of the Department of Mechanical Engineering is honored for her advancements in thermal management and solar thermal energy, which are currently being applied to a J-WAFS seed grant project to develop a low-cost, off-grid food preservation unit.

Wang is also being recognized for her research in water harvesting devices, which was supported by J-WAFS with a 2017 seed grant with co-PI Mircea

Dincă of the Department of Chemistry. Dincă is being elected for his contributions to the area of electrically conductive metal-organic frameworks (MOFs) which were used in the J-WAFS project to build a device that can extract water from the air at just 24% humidity.

Ian Hunter, the George N. Hatsopoulos Professor in Thermodynamics, was part of a water quality sensor project with Xylem (2017-2020) through the J-WAFS Research Affiliate Program. He was recognized for

his work in microtechnology and his innovative courses for undergraduates.

[READ MORE](#)

## EVENTS

FOOD & WATER



### MIT Food & Ag Club Fireside Chat

**Thursday, Feb 17, 11:45 a.m. - 12:30 p.m. ET, Online & In-person**

Sloan alumni will discuss how they launched food and ag ventures post-Sloan. [MORE INFO](#)



### Europe Climate Action Webinar

**Wednesday, Feb 23, 11:00 a.m. - 12:00 p.m. ET**

Join the Jameel Poverty Action Lab Europe for this event on evaluating European climate change mitigation efforts. [MORE INFO](#)



### MIT Sustainability Internship Session

**Thursday, Feb 24, 11:45 a.m. - 12:30 p.m. ET, Online & In-person**

Gain more information about the Sloan Social Impact Fund and the Sustainability Initiative Internship Program. [MORE INFO](#)



**MITWATER**

### MIT Water Club's First Global Water Hackathon

**Friday night, Feb 25 to Saturday, Feb 26, all day, Virtual**

Challenges around the theme "Urban Flooding" will be posed to undergraduate and graduate students in the United States to solve for cash prizes. [MORE INFO](#)



### MIT Manufacturing Conference

**Wednesday, Mar 16, all day, In-person**

Hear from MIT faculty and researchers, industry experts, and MIT-connected startups, like Spoiler Alert, which is preventing food waste. [MORE INFO](#)

# FUNDING

AND OTHER OPPORTUNITIES

## J-WAFS Solutions Grant

**Deadline: February 22, 2022**

Open to MIT PIs

Don't forget to apply to gain support for commercializing innovations in water and food-related areas.

[MORE INFO](#)

## J-WAFS Fellowships

**Deadline: March 2, 2022**

Open to advanced MIT PhD students

Students with water-related projects, and for the first time this year, food systems projects, are eligible.

[MORE INFO](#)

## MITEI Decarbonization Ideas

**Deadline: February 18, 2022**

Open to MIT PIs

MIT Energy Initiative is calling for ideas to decarbonize economic sectors like the food-systems industry.

[MORE INFO](#)

## MIT MCSC Seed Awards

**Deadline: February 18, 2022**

Open to MIT PIs

The MIT Climate and Sustainability Consortium requests proposals to accelerate implementation of real-world solutions to climate & sustainability challenges.

[MORE INFO](#)

## Xylem Global Student Innovation Challenge

**Deadline: March 1, 2022**

Open to students aged 13 to 25

J-WAFS research affiliate and water technology company Xylem, Inc. is encouraging young students to solve water challenges & expand water access and resilience for all.

[MORE INFO](#)

## Cleantech Open Accelerator Program

**Deadline: April 17, 2022**

Open to entrepreneurs and innovators

Cleantech Open seeks applications for its virtual Accelerator Program that mentors, trains, and provides resources to startups, including those related to ag/food/land use.

[MORE INFO](#)

## NEWEA Call for Abstracts

**Deadline: February 11, 2022**

Open to all

The New England Water Environment Association invites abstracts for professional papers or presentations for its Spring Meeting and Exhibit.

[MORE INFO](#)

## J-WAFS is Hiring

**Deadline: Ongoing**

J-WAFS is searching for a director of external relations to further develop industry partnerships through its Research Affiliate Program.

[MORE INFO](#)

## FFAR Food & Ag Grant

**Deadline: March 9, 2022**

Open to all

The Foundation for Food & Agriculture Research offers grants for work related to soil health, water management, urban food systems, and more.

[MORE INFO](#)

## Food & Ag Startup Mentorship Program

**Deadline: February 28, 2022**

Open to startups

J-WAFS funder Rabobank is accepting applications to join its food and agriculture innovation network, "FoodBytes!"

[MORE INFO](#)



**INTERESTED IN  
SUPPORTING J-WAFS?**

When you make a gift, you are making an investment in both the future of J-WAFS and our Institute-wide work to improve the productivity, accessibility, and sustainability of the world's water and food systems.

[DONATE ONLINE](#)

FOR MORE INFORMATION  
ABOUT SPONSORSHIP OPPORTUNITIES CONTACT:

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J-WAFS is an Institute-wide effort that brings MIT's unique strengths to bear on the many challenges our food and water systems face.

Our program catalyzes MIT research, innovation, and technology for ensuring safe and resilient supplies of water and food while reducing environmental impact, to meet the local and global needs of a rapidly expanding and evolving population on a changing planet.



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