



## IN THE NEWS

MARCH 2021



### J-WAFS Fellowships for Water Solutions

*MIT faculty:* Nominate MIT PhD students pursuing research to solve water challenges.

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### ***\*Deadline Extension\**** J-WAFS World Water Day Student Video Competition

*MIT students:* Submit videos about your water sector research to win up to \$3,000 in awards. New deadline: March 19, 12 PM.

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### Fady Jameel on the Urgency of Water Industry Innovation Investment

The president of Community Jameel International reflects on the challenges of water scarcity and the climate crisis and the role of J-WAFS in finding solutions.

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### J-WAFS PIs Win Sloan Research Fellowships

Fadel Adib of the Media Lab and Karthish Manthiram of Chemical Engineering were among eight early-

### MIT Startup Empowers Women to Improve Access to Safe Drinking Water

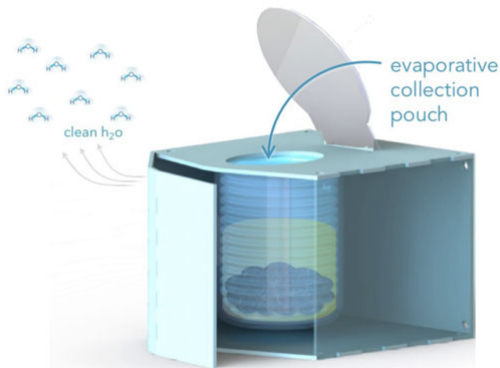
career MIT faculty recognized for their research, which is revolutionizing their fields of study.

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J-WAFS PI Susan Murcott's mentees Kate Cincotta SM '09 and Vanessa Green SM '08, MBA '11 are helping women start water treatment businesses in Ghana.

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## Treating Waste w/o Water

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Co-founded by MIT researchers, change:WATER Labs developed dignified sanitation solutions for the rural poor.

[READ MORE](#)

# IN-DEPTH LOOK

J-WAFS STUDENT RESEARCH

## Re-Envisioning Drip Irrigation Systems for Farmers in Sub-Saharan Africa

March 22nd is World Water Day, an international day launched by the United Nations to advocate for sustainable water use and equitable water access and inspire people to take action. This year, in honor of World Water Day, J-WAFS launched a video competition for MIT students and recent alumni.

As we approach the live streaming World Water Day video festival on March 22nd, we are highlighting the prize-winning student video from our 2020 World Food Day vid

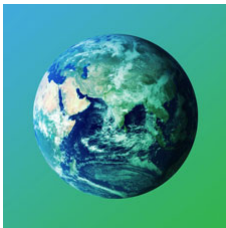
As video submissions continue to come in and momentum builds toward the March 22nd deadline, we'd like to highlight the student video that received first prize in our 2020 World Food Day video competition. This research, being undertaken by MIT mechanical engineering PhD candidates Georgia Van de Zande, Julia Sokol, and Carolyn Sheline, sits at the nexus of water and food systems. The team is designing new water-efficient irrigation systems that are specifically suited for the needs of smallholder farmers in Sub-Saharan Africa.

WATCH THE VIDEO



## EVENTS

FOOD & WATER



### MIT Better World: Toward a Sustainable Future (J-WAFS Featured)

Mar. 16 / 7-8:30 PM / \*Online\*

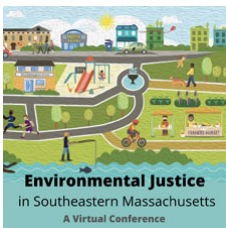
Learn about MIT's research-to-impact approach to sustainability and join a J-WAFS session on water, food, and climate innovations. [MORE INFO](#)



### Working Water Series: The Lead Crisis Policy Workshop

Mar. 17 / 6-7 PM / \*Online\*

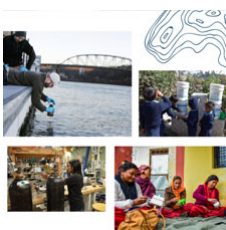
Join the MIT Water Club to discuss the Flint water crisis and the work across journalism and policy to address water safety for the city. [MORE INFO](#)



### Environmental Justice in Southeastern Massachusetts

Mar. 17, 24, & 31 / 3:30 - 4:45 PM / \*Online\*

This virtual conference by the Watershed Action Alliance addresses water ecosystems and watersheds from an environmental justice perspective. [MORE INFO](#)



### MIT Research for a Water Secure Future (J-WAFS Event)

Mar. 22 / 12-1 PM / \*Online\*

Live online film festival featuring videos by MIT students, postdocs, and recent alumni that showcase their innovative water sector research projects. [MORE INFO](#)



## WaterNow Alliance Summit: Tap Into Resilience

Apr. 6-8 / All Day / \*Online\*

Explore water sector resilience with industry experts from around the world and access actionable tools and resources addressing water challenges. [MORE INFO](#)



## MIT Water Night

Apr. 22 / 5 PM / \*Online\*

Join the MIT Water Club for a family-friendly event celebrating water through research, art exhibits, interactive demonstrations, and more. [MORE INFO](#)



## Rabobank-MIT Food and Ag Innovation Prize Pitch Night

Apr. 28 / 6 PM / \*Online\*

Teams from across North America compete for \$30K in awards during the live final pitch event of this student business plan competition. [MORE INFO](#)



## MIT Water Innovation Prize

May 6 / Time TBD / \*Online\*

Join the MIT Water Club for a pitch night featuring student water sector startups. Teams from around the world will compete for \$35K in awards. [MORE INFO](#)

# FUNDING

AND OTHER OPPORTUNITIES

## J-WAFS World Water Day Student Video Competition

**\*Deadline Extended\*: March 19**

Open to all students, recent alumni, and postdocs

Submit short videos to J-WAFS' "MIT Research for a Water Secure Future" video competition; up to \$3,000 will be awarded.

[MORE INFO](#)

## Call for Nominations: J-WAFS Fellowships for Water Solutions

**Deadline: April 21**

Open to all MIT students

*\*MIT Faculty\** Nominate advanced PhD students pursuing water sector research for this one-semester fellowship.

[MORE INFO](#)

## Curriculum Grants: Infusing Sustainability in STEM

**Deadline: March 24**

Open to all MIT faculty

Apply for \$10-15,000 to support the development of curriculum that infuses climate change and sustainability within STEM subjects.

[MORE INFO](#)

## Sloan Sustainability Initiative Internship

**Deadline: March 27**

Open to all Sloan first-year MBA students

Apply for a subsidized internship with sustainability-oriented businesses including many in water and food systems.

[MORE INFO](#)

## MIT Food Waste Strategy Fellowship

**Deadline: Open until filled**

Open to all MIT students

Work with the MIT Office of Sustainability to design out waste from MIT's campus.

[MORE INFO](#)

## US Water Alliance Seeks CEO

**Deadline: Open until filled**

Open to all

The US Water Alliance seeks an experienced leader to guide its work building a sustainable water future for all.

[MORE INFO](#)

## Ceres Summer Internships

**Deadline: Open until filled**

Open to all students

Ten summer internships providing research and other support to teams in clean energy, food and forests, and corporate sustainability are available with stipends of up to \$6,000.

[MORE INFO](#)

## Navajo Water Project: Water is Life Fund

**Deadline: March 31**

Open to all

Submit proposals for water, sanitation, and hygiene projects supporting people in the US states and territories and tribal nations. Up to \$100K in grants available.

[MORE INFO](#)

## MIT ESI Journalism Fellowship

## Xylem Global Innovation Challenge 2021

**Deadline: April 4**

Open to all

Fellowships with up to \$15,000 in support available for freelance and staff journalists working on topics in climate change, sustainability, and the environment, including water, food, and agriculture.

[MORE INFO](#)

**Deadline: April 5**

Open to all HS and university students between 13 and 23 years of age

Compete for \$20,000 in awards in an eight-week event focused on water sector innovation. Sponsored by Xylem, a leading global water technology company and J-WAFS Research Affiliate.

[MORE INFO](#)

## 2021 CleanTech Open Accelerator Program

**Deadline: April 18**

Open to all

Submit water and food innovations to the world's largest cleantech accelerator. Mentoring, training, and up to \$75K in cash awards available.

[MORE INFO](#)

## NASA Deep Space Food Challenge

**Deadline: July 30**

Open to all

Submit research proposals for novel food production technologies for long-duration human exploration missions.

[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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