



Stevens Institute of Technology Media Highlights

May 15, 2019 – October 15, 2019

Between May 15, 2019, and October 15, 2019 Stevens was covered by national, regional and local media, receiving 1,789 mentions. This includes features in digital, broadcast and print media, highlighting faculty research, student scholarships and institutional news, generating \$1.9 million in publicity value.

Below are select media highlights resulting from the distribution of multiple news releases, dozens of media inquiries seeking expert commentary on a variety of issues and current events, as well as targeted outreach to promote stories and initiatives from Stevens.*

Media Spotlight



MIT Technology Review

[A fingernail-size gadget could help prevent babies from being stillborn](#)

MIT Technology Review interviewed Negar Tavassolian on a new device that would allow mothers to monitor their baby's heartbeat at home, work that could cut down on millions of stillbirths that occur worldwide. [The Bump](#), [Kidspot](#), [DocWire](#), [TechBriefs](#), [ScienceDaily](#) and 41 additional outlets covered the news.

Research, Innovation and Technology



[Football's concussion crisis is awash with pseudoscience](#)

Wired spoke with Mehmet Kurt about why the market for concussion technologies is booming and why most of it is hype.



[Have you seen any Nazi uranium? These researchers want to know](#)

NPR talked to Alex Wellerstein about the Nazi's attempt to gain dominance in nuclear technology by harvesting cubes of uranium. The story was syndicated 181 times across national and regional outlets.



[Climate change could put these colleges underwater. Why they're staying put.](#)

USA Today spoke with Philip Orton about sea-level rise and whether the university is at risk for flooding given its proximity to the Hudson River. The story was syndicated across national and regional outlets 72 times, including [Cincinnati Enquirer](#), [Des Moines Register](#) and [Detroit Free Press](#).



[AP explains: how big a threat is an electromagnetic attack?](#)

The Associated Press tapped Shucheng Yu's expertise on how powerlines can be hacked and what could be behind Venezuela's power outage. This story was syndicated 281 times in national and regional outlets, including [Pittsburgh Post-Gazette](#), [The Washington Times](#), [Vancouver Sun](#) and [Star-Tribune](#).



[3D printing makes it easier to create tissue for medical research](#)

The Economist highlighted Robert Chang's research on fusing two printing techniques to create scaffolds that can grow highly uniform cells, setting the stage to coax these cells to grow to any cell in the body.



[Seven common cybersecurity mistakes made with AI](#)

Forbes cited Giuseppe Ateniese's work on how artificial intelligence can be used to guess peoples passwords. The work was selected by a CEO as an example of how to manage companies' risk and strengthen security.



[A professor just shared an amazing theory about the decision to use the atom bomb in World War II. Every leader and decision maker needs to hear it.](#)

Inc. picked up Alex Wellerstein's Twitter thread, surrounding the orders to drop the atomic bomb on Nagasaki, highlighting why leaders should ask questions regarding the details of any situation.



[5 reasons older founders are generally more successful](#)

Fast Company ran an article authored by Scott Omelianuk. The article debunks the notion that young entrepreneurs have an advantage in starting companies, and cites maturity and experience as assets for older founders.



[An artists video reenacts every nuclear explosion history as deadly martial arts move](#)

Business Insider spoke with Eric LoPresti about how he is using martial arts to make the legacy of nuclear blasts more accessible to people. He presented his video installation at a public expo of Reinventing Civil Defense, a project led by Alex Wellerstein that aims to restore understanding of nuclear risk.



[Scholarships awarded to 100 Cyber FastTrack finalists!](#)

Medium ran a feature highlighting the 100 Cyber FastTrack finalists, including Gabrielle McCormack, the only finalist in New Jersey. The recognition comes with \$20,000 and a full scholarship to the undergraduate cybersecurity certificate program at the SANS Technology Institute.

The Star-Ledger

[Don't get sticker shock from college price tags, university president says](#)

The Star-Ledger ran Nariman Farvardin's op-ed outlining why Stevens' sticker price is significantly offset by grants and scholarships.



[Mild winter, previous work leaves N.J. beaches in great shape](#)

U.S. News & World Report spoke with Jon Miller regarding the state of the N.J. shore. This article was syndicated 86 times.



[Quantum gravity could reverse cause and effect](#)

Fox News featured Igor Pikovski's work on how time can become quantum mechanical, such that there is no distinction between one event causing the other of vice versa. The news was also covered by [LiveScience](#), [Space Daily](#), [ScienceDaily](#) and other prominent outlets.



[Can psychiatry heal itself?](#)

Scientific American ran John Horgan's piece about psychiatry's checkered and sordid history, detailing its ethical lapses in its approach to treatments such as electroconvulsive therapy, lobotomies and insulin-coma therapies that could purge madness from patients.



[4 awesome discoveries you probably didn't hear about this week – episode 34](#)

The National Science Foundation featured Negar Tavassolian's work on developing a handheld device to diagnose skin cancer. The video series selects four NSF-funded projects each week to highlight through their social and multimedia channels.



[Machine-meshed super-humans remain stuff of fantasy](#)

Yahoo News! tapped Ramana Vinjamuri for commentary on whether Elon Musk's vision to infuse human brains with artificial intelligence is more science fiction than reality. [Breitbart](#) also picked up the news.



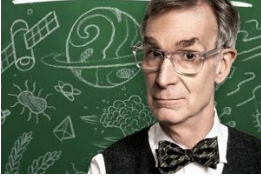
[Interview with Alex Wellerstein on NUKEMAP VR](#)

The Bulletin of the Atomic Scientists ran a Q&A with Alex Wellerstein, discussing a prototype of NUKEMAP VR, which combines the information base of Nuke Map with the immersive first-person experience of virtual reality. The article looks at the possibilities that the new tool unlocks.



[Study suggests 100-year floods are happening every 30 years](#)

The Weather Network covered Reza Marsooli's work on a new flood hazard map for the U.S. East Coast and the Gulf of Mexico that combined storm surge, sea-level rise and the predicted increased occurrence and strength in tropical storms and hurricanes. The work was covered by more than 25 outlets.



[Loose nukes? You betcha](#)

Science Rules! With Bill Nye brought on Alex Wellerstein to address people's concerns on how to prioritize nuclear weapons as an issue, when this generation is inundated with information. Discussion also centered on whether we should blast all nuclear weapons into space.



[A global map of manure lays bare a load of missed opportunities](#)

Anthropocene Magazine cited David Vaccari's research showing that manure is an untapped source of phosphorus, a dwindling nutrient that's essential for enriching soil and fertilizing crops. They highlight a missed opportunity to recycle livestock waste that would benefit farmers and the environment.



[VIDEO: This is how a nuclear war would play out, according to a Princeton University simulation](#)

NY Daily News wrote a story about how many people would be killed or injured in the initial phase of a nuclear war between the U.S. and Russia, using logistical information from Alex Wellerstein's Nuke Map.



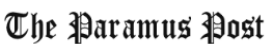
[WGN Early Evening News \(link not available\)](#)

WGN-TV covered Negar Tavassolian's work on developing a handheld device that can help diagnose multiple types of skin cancer. The coverage cycled six times across three days.



[What if a hurricane pushed a surge up an already high Mississippi River? No one is certain.](#)

The Times-Picayune reached out to Reza Marsooli for his expertise on multi-hazard scenarios connected to the Mississippi River's water levels and what would happen when a high river and hurricane occur at the same time.



[Leading woman-owned IT solutions company, PKA Technologies, establishes THEA scholarship for young women](#)

The Paramus Post highlighted Anisha Shin, a sophomore computer science major who received an inaugural scholarship by PKA Technologies.



[Graphene-based sensors detect diabetic foot ulcers before they cause injury](#)

Wearable Technologies wrote an article about Stevens' exclusive licensing agreement with Bonbouton, giving the company the right to use and further develop a graphene sensing system. The story was covered by [Diversability Magazine](#) and 40 other mainstream and trade outlets.

Campus and Institutional News



[Enrollment numbers way up \(link not available\)](#)

News 12 New Jersey conducted and on-camera interview with Edward Stukane, who detailed the university's growth and progress. The clip was shown six times on the nightly newscast across two days, Sept. 3-4.



[Graduates of these U.S. colleges earn the most](#)

CBS News listed Stevens as the 13th in the nation for students that earn the highest mid-career salary with only a bachelor’s degree, gaining one spot from last year and edging Princeton for the top spot in New Jersey.



[Stevens \(at \\$139,000\) is top school in N.J. for mid-career salary of alumni](#)

ROI-NJ highlighted Stevens ranking as the 13th in the nation for mid-career salaries of students graduating with a bachelor’s degree after 10 years of experience. The article quoted Nariman Farvardin, underscoring the value of a Stevens education.



[The next generation: engineering firms seek new entrants](#)

NJBiz wrote a spotlight on what universities are doing to recruit the next generation of engineers. Jean Zu was quoted in the story, providing examples of programs and initiatives that introduce STEM and engineering disciplines to high school and elementary school students.



[Stevens Institute of Technology sends off the Class of 2019 \(photos\)](#)

NJ.com sent a photographer to Stevens undergraduate commencement ceremony, calling out Stevens three valedictorians and speaker Laura Bilodeau Overdeck, founder of Bedtime Math.

Alumni News



[HealthEC CIO Sita Kapoor elected to Population Health Alliance board of directors](#)

CityBizList ran a story announcing Sita Kapoor’s election to the board of directors at Population Health Alliance. She earned a master’s degree in computer science at Stevens.



[Entergy appoints new leaders at two nuclear power plants](#)

Daily Energy Insider announced Sergio Vazquez’s appointment to vice president at Waterford 3 nuclear plant. He graduated with a degree in nuclear engineering.



[Trust in the process](#)

Army AL&T features Kevin Kirkwood, who works for the office for intelligence, electronic warfare and sensors. He recently completed a systems support engineering certificate and is currently getting a master’s in mechanical engineering.

The Division of Communications and Marketing will provide media highlights to the Stevens community throughout the year. For comments, contact thania.benios@stevens.edu

* Please note this does not include media coverage from athletics or news of Stevens alumni in new management positions.