



### Stevens Institute of Technology Media Highlights May 17, 2023 – November 16, 2023

Between May 17, 2023, and November 16, 2023, Stevens received 5,012 media mentions in the national, regional and local media, including digital, radio, broadcast and print media. This total represents a year-over-year coverage increase of 55% for the mid-May through mid-November period. Mentions include faculty commentary in top tier and other outlets, student and staff profiles, coverage of published research, institutional updates and other mentions. This coverage is the result of targeted outreach to media, media inquiries seeking expert commentary and organic media coverage of Stevens people and activities. Athletics media coverage is typically not included in this media report.

Highlighted coverage includes:

#### Media Spotlight



# TIME

#### Why Oppenheimer's nuclear fears are just as relevant today

*TIME* featured multiple and significant segments of an AP Campus Insights interview with School of Humanities, Arts and Social Science (HASS) Associate Professor Alex Wellerstein, who provided historical context and narrative to the man behind the blockbuster movie *Oppenheimer*.

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## Stevens Experts in the News

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THE WALL STREET JOURNAL

The best 10 colleges that are not the usual suspects

*The Wall Street Journal* ranked Stevens as one of the best 10 colleges that are not the usual suspects, underscoring Stevens' rise in prestige and reputation over the past 10 years.

The New York Times

Studying the limits of human perfection, through darts

*The New York Times* spoke with School of Engineering and Science (SES) Assistant Professor Antonia Zeferiou about how performers and athletes who move their muscles with the same force and angles repeatedly can take feedback during the course of a motion and adjust for factors such as their own fatigue.

Forbes

Decoding the inflation signals: How to read (and correct) the CPI

*Forbes* ran a column by SSB Professor George Calhoun, who argues that the Consumer Price Index is essentially a false signal, and an adjustment is needed to get closer to a true and accurate understanding of the current price trends in the economy. Calhoun wrote 10 columns on inflation during this period.

USA  
TODAY

SAG-AFTRA is worried about AI, but can it really replace actors? It already has.

*USA Today* spoke with HASS Associate Professor Jason Vredenburg to discuss the SAG-AFTRA and Writers Guild of America strike against major Hollywood studios and how AI is at the heart of the conflict.

FT  
FINANCIAL  
TIMES

JPMorgan, Jeffrey Epstein and 'the favour': extent of ties detailed in new court filings

*Financial Times* interviewed Stevens School of Business (SSB) Professor Emmanuel Hatzakis about JPMorgan's relationship with Jeffery Epstein and the need to cut ties with clients without fear of losing assets under management and fee revenue.

FORTUNE

We studied 235 stocks — and found that ESG metrics don't just make a portfolio less profitable, but also less likely to achieve its stated ESG aims

*Fortune* published a contributed piece from SSB Assistant Professor Majeed Simaan emphasizing that investors should be wary of factoring in ESG metrics when evaluating a company's stock, especially at the expense of established measures that have stood the test of time.

abc  
NEWS

What is AI? Experts weigh in

ABC News spoke with Brendan Englot, Geoffrey S. Inman Junior Professor at SES, to examine the promise and pitfalls of AI and how it has the potential to revolutionize how we work and live.

CNN

How conservatives use 'verbal jiu-jitsu' to turn liberals' language against them

CNN spoke with HASS Associate Professor Lindsey Cormack about how conservatives and liberals use language differently, particularly how conservatives have tarnished or redefined hallmark phrases adopted by liberals.

**The Philadelphia Inquirer** U.S. Army Corps to build a 1,400-foot levee in Eastwick to ease flooding  
*The Philadelphia Inquirer* referenced a project spearheaded by SES Research Associate Professor Philip Orton that calls for a complex land-swap deal for some residents in Pa. that will aid in community development and flood control.


**The New York Times** Nuclear war could end the world, but what if it's all in our heads?  
*The New York Times* interviewed HASS Associate Professor Alex Wellerstein for an article exploring policymakers' push to change nuclear launch protocols in order to prevent an accidental or unnecessary attack when making decisions under stress. The article ran in 41 outlets, including Khaleej Times of Dubai.

**The New York Times** Trinity nuclear test's fallout reached 46 states, Canada and Mexico, study finds  
*The New York Times* interviewed HASS Associate Professor Alex Wellerstein about a Princeton study that found that when members of the Manhattan Project tested their atomic bomb in New Mexico, the cloud and its fallout went further than anyone expected.

**The Washington Post** How sea level rise made Idalia's storm surge worse  
*The Washington Post* quoted SES Research Associate Professor Philip Orton discussing how flooding in Tampa Bay during Hurricane Idalia would have been much less severe without the effect of sea level rise.

**The Washington Post** How Oppenheimer weighed the odds of an atomic bomb test ending Earth  
*The Washington Post* interviewed HASS Associate Professor Alex Wellerstein about the events that unfolded the day before the first atomic bomb detonated in the remote plains of New Mexico and whether the movie *Oppenheimer* portrayed those events accurately.

**Detroit Free Press** What Detroit automakers have to give the UAW to get a deal, according to experts  
*The Detroit Free Press*, part of the USA Today Network, spoke with SSB Assistant Professor Balbinder Singh Gill about criteria automakers and the United Auto Workers will need to meet in order to structure a deal before tensions escalate to a level of severe financial damage to the companies and communities.

**NIAGARA  GAZETTE** Summer movie scorecard - big hits and misses  
*The Niagara Gazette* used segments of an AP Campus Insights video featuring HASS Teaching Associate Professor Jason Vredenburg discussing the breakout movies of the summer, surprising blockbusters and movies that didn't perform as well as expected.

**THE WALL STREET JOURNAL** 'Simulating the cosmos' and 'the universe in a box' review: Big picture  
*The Wall Street Journal* featured an article by HASS Teaching Associate Professor John Horgan, exploring the evolution of human understanding about the universe and advancements in cosmology.

## BUSINESS INSIDER

It would be too risky to try to recover the remains of those lost in the Titan sub implosion, underwater ROV expert says  
*Business Insider* spoke at length with Brendan Englot, Geoffrey S. Inman Junior Professor at SES, about the logistics of recovering the Titan submersible and how the cost of a recovery operation at those depths would be prohibitive.



'Allergic' author explains the factors driving recent explosion in allergies  
ABC News Live Prime interviewed HASS Associate Professor Theresa MacPhail about her new book, *Allergic: Our irritated bodies in a changing world*, which explores the complex and checkered history of allergic responses and the various ways they are defined.



Nariman Farvardin of the Stevens Institute of Technology on the five trends to watch in the future of work  
Medium interviewed President Nariman Farvardin about how technology will shape the future of work and how employers and employees will need to adapt and acquire new skills in this evolving employment landscape.



Is there a subprime credit-card crisis on the horizon?  
MarketWatch spoke with SSB Assistant Professor Balbinder Singh Gill for an article explaining credit card delinquency rates and their impact on lower-income households.



AI is going to change the way entertainment is made. Will it be for better or worse?  
MarketWatch interviewed HASS Teaching Associate Professor Jason Vredenburg about AI's current influence on TV and film writers and what it could be like in the future.

## TheScientist

What can ChatGPT-like language models tell us about the brain?

*The Scientist* interviewed SES Assistant Professor George McConnell about how the renaissance in natural language modeling may help researchers explore how the brain extracts and organizes meaning by mapping neural responses.



How to succeed at failing, part 4: Extreme resiliency

Freakonomics interviewed HASS Associate Professor Theresa MacPhail about how she helps students succeed at failing in her Failure 101 course, where she crafts assignments to help students embrace setbacks and grow resilient. MacPhail's interview was part of a podcast series called "How to succeed at failing."



Bonus episode: Campus interview with Stevens Institute of Technology Dean of Undergraduate Education Eve Riskin

*Insider Higher Ed* interviewed Dean Eve Riskin, who talks about the power of mentorship, diversity in excellence and what she, as an electrical engineer and computer scientist, thinks about the emergence of generative AI.



People are more pessimistic about AI now than before the boom, a study shows  
ZDNet covered Stevens' *TechPulse Report: A Perspective on Americans' Attitudes Toward Artificial Intelligence*, a national poll that revealed that Americans are more wary of AI's impact on everyday life than they were two years ago, suggesting an increased awareness of AI's power and potential.



'This is an existential threat': Will AI really eliminate actors and ruin Hollywood? Insiders sound off

*Variety* featured HASS Teaching Associate Professor Jason Vredenburg in a cover story that looks at the sudden rise of AI-enabled content-generating platforms and how it has widened the already contentious divide between entertainment unions and the industry's largest employers.

## SCIENTIFIC AMERICAN

Meet the physicist who spoke out against the bomb she helped create

*Scientific American* featured HASS Associate Professor Alex Wellerstein on its podcast "Lost Women of Science" discussing the significant scientific contributions of nuclear physicist Katharine "Kay" Way and her outspoken stance on the ethics of nuclear weapons.



Cats, peanuts, bee stings... the irritating truth about allergies

*The Guardian* profiled HASS Associate Professor Theresa MacPhail, who in her book, was the first ever to track both the history of allergies and the state of modern allergy science, while also trying to get to the bottom of how her father came to be unknowingly and fatally allergic to bee venom.

## Forbes

Guitarist Carlos Alomar talks about David Bowie ahead of fan convention celebrating the icon

*Forbes* interviewed HASS Artist in Residence Carlos Alomar for an in-depth article exploring the significance of Alomar's decades-long relationship with David Bowie and the way they shaped music history.



BBC Radio 4 - Start the Week, allergies and the microbiome

BBC Radio interviewed HASS Associated Professor Theresa MacPhail about her new book on allergies and the impact that our radically changing environment is having on our immune systems.



Generation Z sees biggest increase in credit card debt, Gen X has highest balance

ABC News interviewed SSB Assistant Professor Balbinder Singh Gill about generational spending habits and credit card debt, emphasizing the effect of COVID-19 on consumer behavior.



Why lending your shares is a good option

*U.S. News & World Report* heavily quoted SSB Associate Professor Suman Banerjee, who explains that lending your stock shares to brokers is favorable when stocks are in short supply and high demand, but there are risks as well, just as renting a house that you own to a tenant poses risks.



Why Democrats can't save Republicans from themselves

*The Minnesota Spokesman-Recorder* spoke with HASS Associate Professor Lindsey Cormack about the inability of Democrats to get five Republican votes to secure House Minority Leader as Speaker of the House. The article also ran in *The Washington Informer*, *The Seattle Medium*, *Milwaukee Community Journal* and *New York Amsterdam News*.



Why our allergies are getting worse — and what to do about it

NPR interviewed HASS Associate Professor Theresa MacPhail about her new book, *Allergic: Our Irritated Bodies in a Changing World*, in which she explores theories in the rise of allergies, the people who helped define what they are and why they are so difficult to study.



Preserving our blue planet: UN World Oceans Day spotlights urgent need for action

ABC 7 News Miami used a clip from an AP Campus Insights interview featuring HASS Assistant Professor Samantha Muka, who discusses the warming ocean and how it can impact marine organisms that call it home.



Best accounting software of 2023

*U.S. News & World Report* consulted with SSB Teaching Assistant Professor Ryan Wynne to write a review of the best accounting software of 2023, highlighting software that is customizable and automated.



GDP, inflation on tap as market, economy deal with war and high interest rates

*U.S. News and World Report* interviewed SSB Professor George Calhoun for an article about the resilience of economic growth and consumer spending, despite elevated inflation and rising interest rates.



Nuclear bomb map shows devastating impact if new weapon dropped on Europe

*Newsweek* featured modeling produced by HASS Associate Professor Alex Wellerstein predicting the impact the latest nuclear bombs made by the U.S. Department of Defense would have on major cities using his popular model, NUKEMAP.



Federal government shutdown would have wide ranging impacts

CBS 4 Miami CBS News included several clips from an AP Campus Insights video featuring HASS Associate Professor Lindsey Cormack, who emphasizes that a government shutdown would be much more costly than Republicans and Democrats finding common ground on reducing the deficit. The segment aired 22 times across six states, including Arizona, Maryland, Florida and Illinois.



Justine Herve discusses declining birth rates and economy

Fox News used segments of an AP Campus Insights video featuring SSB Assistant Professor Justine Herve for a piece on how the declining birth rate will change the composition of the work force and its effect on the economy. The segment was packaged and aired 38 times by local affiliates in 12 states, including Louisiana, Oregon, Mississippi, Illinois, Texas, Pennsylvania, Minnesota, Texas and Ohio.



What is an ROV? Deep-sea tech used in Titanic submarine search

Fox News interviewed Brendan Englot, Geoffrey S. Inman Junior Professor at SES, about the capabilities of remotely operated vehicles and how they are used in underwater rescue missions at different ocean depths and locations.



Time running out for passengers on missing sub heading to Titanic wreckage

Fox News Philadelphia featured Brendan Englot, Geoffrey S. Inman Junior Professor at SES, in a live interview, describing the challenges of recovering the Titan submersible, emphasizing that the technology needed for the operation would be cost prohibitive.



5 on Titan submersible presumed dead

Fox News Philadelphia returned for a second interview with Brendan Englot, Geoffrey S. Inman Junior Professor at SES, to comment on the likelihood of a successful rescue mission of the five passengers onboard the submersible.

**Lifewire**

[John Lennon's voice is back thanks to AI but some say 'Let It Be'](#)

*Lifewire* quoted HASS Teaching Professor Robert Harari on how John Lennon's voice could be revived despite the fact that details of that process have not been made public.

**Lifewire**

[Microsoft's bold claims of AI 'human reasoning' shot down by experts](#)

*Lifewire* interviewed HASS Assistant Professor Nick Byrd about the capacity for AI to reach human-level reasoning and what it would take to achieve it; Byrd and other experts largely refute Microsoft's claims that AI is nearing this ability.

**Lifewire**

[A new app could help musicians use AI ethically—here's why you should care](#)

*Lifewire* quoted HASS Teaching Professor Robert Harari's expert description of AI's ability to take the building blocks of existing music to create new music, tapping into fundamental issues regarding ethics and copyright law. The story was also picked up by [Yahoo! Lifestyle](#).

THE **WRAP**

[How the sudden exit of Disney's CFO complicates CEO Bob Iger's succession plans](#) | Analysis

The Wrap quoted SSB Associate Professor Ann Murphy on how Disney's CFO's departure will affect Bob Iger's succession plans, amid issues with its streaming services, underperforming stock and tensions with Florida's governor.

THE **WRAP**

[Lights, camera, unemployment: How AI may change film and TV production work](#)

The Wrap spoke with HASS Teaching Professor Robert Harari about how AI can quickly scan through large sound effects libraries to select soundscapes that elicit different emotions, advancing sound editing during film and TV production work. The article was picked up by [Yahoo! Entertainment](#).

THE **WRAP**

[The return of activist investor Nelson Peltz, the 'major thorn' in Disney's side](#)

The Wrap interviewed SSB Associate Professor Ann Murphy about Nelson Peltz's efforts to secure a board seat at Disney and his potentially unwelcome influence on the selection of Disney CEO Bob Iger's successor in 2026.

**CITY  
HEALTH**

[The next generation of precision nutrition science](#)

*City Health Magazine* featured the emerging field of precision nutrition and the systems approach taken by SES Associate Professor Samantha Kleinberg and her colleagues in the AIMINGS consortium. They aim to provide tailored dietary recommendations for individuals based on their different characteristics and circumstances to prevent and treat diseases and improve overall health.

**LARB** *Los Angeles  
Review of Books*

[Fact, fiction, and the father of the bomb: On Christopher Nolan's "Oppenheimer"](#)

The Los Angeles Review of Books published a movie review authored by HASS Associate Professor Alex Wellerstein summarizing his thoughts on the summer blockbuster movie *Oppenheimer*.



[Lee powered swells could bring beach erosion to East Coast](#)

FOX Weather interviewed SES Research Associate Professor Jon Miller in a live segment discussing the risks and forecasting of riptides caused by Hurricane Lee. The segment was syndicated across 12 affiliate stations, including those in California, Texas, Georgia and Maryland.



[The real Oppenheimer - a nuclear historian's perspective](#) (link not available)

CBS News pulled several clips from an AP Campus Insights video featuring HASS Associate Professor Alex Wellerstein, who provides expert analysis on the movie *Oppenheimer* and whether the main character, known as the father of the atomic bomb, was portrayed accurately.



[WGA and SGA strike update - which studios are affected most?](#)

CBS News interviewed HASS Teaching Associate Professor Jason Vredenburg for a piece describing the increased tensions between the WGA, SGA and studios. The interview delves into which studios are struggling with issues such as content creation and contract negotiations.



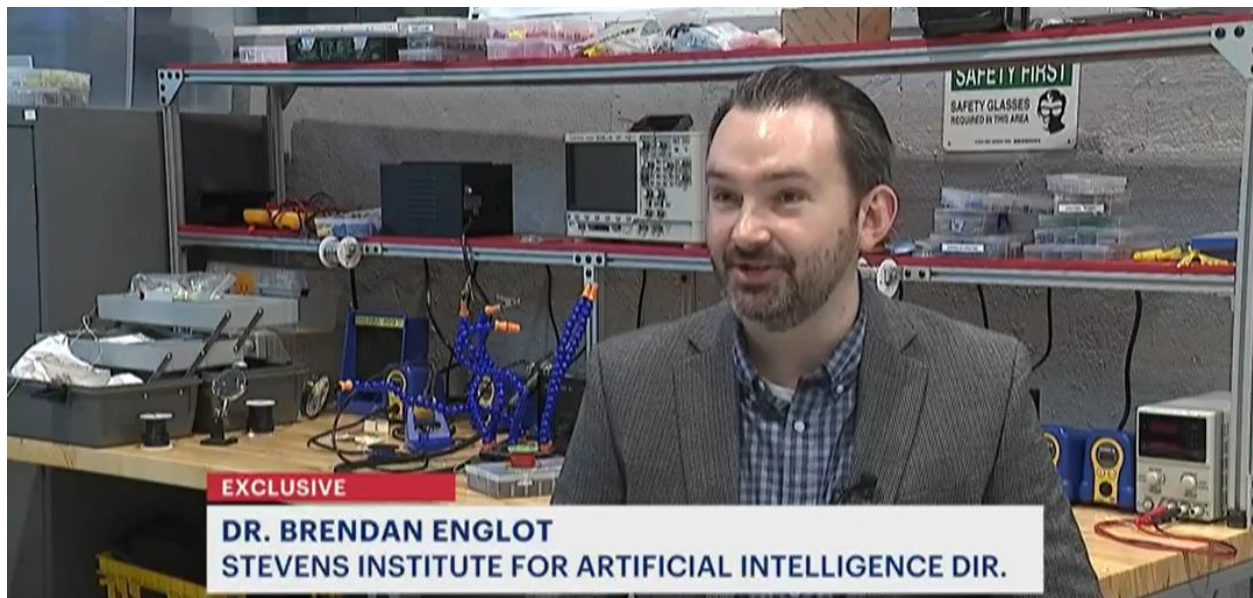
[Oppenheimer revealed the human and political sides of science](#)

Axios interviewed HASS Associate Professor Alex Wellerstein about how J. Robert Oppenheimer and the science he oversaw reshaped the world and how political, society and cultural forces of the day also shaped the science he pursued.



[Hoboken's Stevens Institute works to advance future of artificial intelligence](#)

News 12 New Jersey came to campus to interview Brendan Englot, Geoffrey S. Inman Junior Professor at SES, about Stevens' comprehensive research portfolio on AI, showcasing several labs and locations on campus.



[Nuclear weapons are real, contrary to conspiracy theory about archival test footage](#)

AP interviewed HASS Associate Professor Alex Wellerstein for an article in which he debunks the idea that nuclear weapons do not exist because cameras at the time of the first atomic bombings were not built to withstand a nuclear detonation.



[How – and how fast – will A.I. change your job?](#)

*Forbes* discussed the Age of Acceleration with HASS Associate Professor Lindsey Cormack and HASS Assistant Professor Nick Byrd and the uncertainty behind the impact of AI on the workforce.



Discolored water in Norwalk Harbor caused by brown tide, expert says

CBS News spoke with SES Assistant Professor Reza Marsooli to discuss brown tide, its impact on marine flora and how this algae overgrowth can be mitigated with better controls of stormwater runoff.



Deep dive: How a system could help save lives in a major storm

News 12 New Jersey interviewed Davidson Laboratory Director Muhammad Hajj, SES George Meade Bond Professor, about the Stevens Flood Advisory System and how residents in the tristate area can use it during extreme weather to stay informed and safe.



Stefano Bonini comments on Amazon's monopoly lawsuit (link not available)

NBC News used segments of an AP Campus Insights video featuring SSB Associate Professor Stefano Bonini commenting on the move by the Federal Trade Commission to sue Amazon, alleging it has used its market power to warp e-commerce across the internet.



Google could exit Hong Kong for good as it faces high-stakes censorship battle

New York Post interviewed SSB Associate Professor Stefano Bonini about Hong Kong's aggressive attempt to censor political content, creating a high-stakes battle for Google in one of their most important markets.



How technology is transforming manufacturing processes

NJBIZ interviewed SES Professor Souran Manoochehri about the rapidly changing world of manufacturing and how AI and machine learning have greatly accelerated the process from prototype to production at lower cost and increased efficiency.



Blue collar workers and blue-state politics don't mix

NJ.com interviewed SSB Assistant Professor Balbinder Singh Gill about how the impact of moving to electric vehicles could be mitigated by government programs that retrain auto workers.



Just 2 degrees: Food insecurity, gang warfare, climate crisis

TRT World, a public broadcaster in Turkey, used clips from an AP Campus Insights interview with School of Systems and Enterprises (SSE) Professor Amro Farid discussing developments in renewable energy technology and how it can reduce the amount of carbon dioxide that is released into the atmosphere. Farid is featured from minute 19:10 to 22:35.



Gregory Morgan: mapping key breakthroughs in tumor virology

Radio New Zealand interviewed HASS Associate Professor Gregory Morgan about his book Cancer Virus Hunters and his mapping of key breakthroughs in tumor virology over the last century, from early experiments with chickens to the now ubiquitous HPV vaccine.



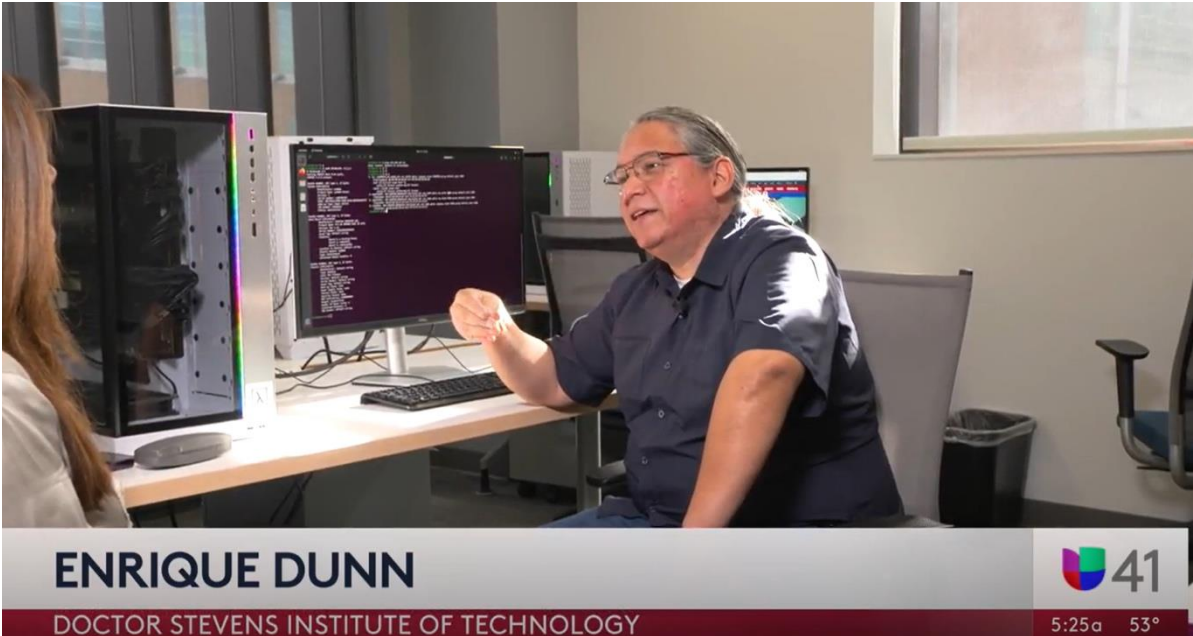
Brendan Englot speaks about opportunities and challenges of AI (link not available)

News 12 New Jersey interviewed Brendan Englot, Geoffrey S. Inman Junior Professor at SES, on campus to report on the opportunities and challenges of AI, what it is capable of doing now and how it can potentially be used in the future.



[Alarma por uso de inteligencia artificial para crear imágenes de jóvenes sin su consentimiento en NJ](#)

Univision came to campus to interview SES Associate Professor Enrique Dunn to discuss the promise of AI and the societal dangers that lurk within the technology, particularly deepfakes.



[Academic experts provide tips on how students can better transition to college this school year](#)

Action News Jax highlighted an AP Campus Insights video featuring Vice President Sara Klein discussing students' transition to college and how they can use resources on campus to feel engaged and connected. The segment aired 108 times across 19 states, including Texas, Montana, California, Ohio and Virginia.



[Forever chemicals found in tap water across the country](#) (link not available)  
KGUN 9, an ABC News affiliate in Arizona, used clips of an AP Campus Insights video featuring SES Professor Dibs Sarkar commenting on the pervasiveness of forever chemicals, also known as PFAS, their impact of human health and the effort to eliminate them.



[In absentia: Remembering Sandra Villena and finding her killer](#)

Waters Technology spoke with SSB Associate Professor Wei Zheng about her research on the effectiveness of gender equality practices in the workplace and how very few employers offer support programs for domestic violence victims.



[Trick-or-treat: Candy companies' political donations may influence your Halloween picks](#)

Medium ran an essay by HASS Associate Professor Lindsey Cormack, who explored the political spending of candy companies, looking at which companies leaned Democrat or Republican in their support for candidates.



## Solutions Review

### 38 cybersecurity awareness month quotes from industry experts in 2023

*Solutions Review* interviewed several thought leaders across different industries for Cybersecurity Awareness Month, including SSB Adjunct Professor Paul Rohmeyer, who provides a number of overlooked cybersecurity best practices people take for granted.



### 5 key takeaways from a new global poll on digital transformation in B-schools

Poets & Quants covered the results of Embracing the Digital Shift: Perspectives on Digital Transformation in Business Schools, a new global poll sponsored by SSB. The poll surveyed deans, faculty and IT leaders in Europe, Asia and the U.S., revealing that digital transformation is a priority for business schools, with 71% considering it a key focus area for their school's strategy.

## THE TIMES OF INDIA

### The biomechanics of baseball pitchers - It's all about the legs

*The Times of India* highlighted an AP Campus Insights video featuring SES Assistant Professor Antonia Zeferiou discussing her recent research, which upends dogma that the upper body is largely responsible for the momentum behind a pitcher's throw.

## THE TIMES OF INDIA

### High ocean temperatures are killing coral - what can be done?

*The Times of India* posted an AP Campus Insights video featuring HASS Assistant Professor Samantha Muka describing the symbiotic relationship between algae and coral reefs and how warming ocean temperatures stress this relationship, leading to a less resilient ocean ecosystem.



### D-III men's title puts exclamation point on Stevens coach Buehring's volleyball ride

*Volleyball Magazine* profiled volleyball coach Dan Buehring and how he led the men's team to a second Division III championship title in a four-set thriller in the Owings Mills Gymnasium, in Owings, Md.

## Additional Oppenheimer media coverage

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### The dark — and often misunderstood — nuclear history behind Oppenheimer, explained by an expert

Vox conducted an in-depth interview with HASS Associate Professor Alex Wellerstein discussing J. Robert Oppenheimer's worst-case scenario post-atomic bombings, where many countries possess rapidly deliverable nuclear weapons. Wellerstein noted that we currently live in that very worst-case scenario.



### CYBER: The Barbenheimer special

*Vice* interviewed HASS Associate Professor Alex Wellerstein on a two-hour podcast, CYBER, discussing the creation of the modern world and the devastating weapons that ushered it in.



### Atomic truth: Unraveling the reality behind "Oppenheimer" and nuclear weapons

*Salon* interviewed HASS Associate Professor Alex Wellerstein, who helps unpack the delicate balance between science and ideology and provides a glimpse of J. Robert Oppenheimer's character by noting his likely would-be legacy had he not been in charge of the Manhattan Project.

Smithsonian  
MAGAZINE

The real history behind Christopher Nolan's 'Oppenheimer'

*Smithsonian* wrote a feature highlighting insights from HASS Associate Professor Alex Wellerstein, who discusses President Harry Truman's peripheral role in making decisions in using nuclear weapons during the attack on Japan.

SCIENTIFIC  
AMERICAN

Here's what 'Oppenheimer' gets right--and wrong—about nuclear history

*Scientific American* spoke with HASS Associate Professor Alex Wellerstein about the movie *Oppenheimer*, exploring how one man's relentless drive and invention of the atomic bomb changed the nature of war forever led to the deaths of hundreds of thousands of people and unleashed mass hysteria.

WIRED

The science of Oppenheimer

*Wired* produced a 10-minute video exclusively with HASS Associate Professor Alex Wellerstein to explain both the historical moments of inspiration for *Oppenheimer* as well as how accurate are the depictions in the movie.



POPULAR  
MECHANICS

Everything you want to know about the Manhattan Project but are too afraid to ask

*Popular Mechanics* taps HASS Associate Professor Alex Wellerstein for a its podcast, *Pop Mech*, to explain the history of the Manhattan Project, from its origins before World War II to the world's first nuclear explosion in July 1945.

SCIENTIFIC  
AMERICAN

What was the Manhattan Project?

*Scientific American* referenced a body of work where HASS Associate Professor Alex Wellerstein writes that the idea of building a bomb originated in Nazi Germany, which prompted the U.S. to build one and culminated in the successful, if not controversial, execution of the Manhattan Project.



To end all war: Oppenheimer and the atomic bomb (episodes no longer available)  
NBC News interviewed HASS Associate Professor Alex Wellerstein about J. Robert Oppenheimer's legacy and how *Oppenheimer* is the first feature-length film to tackle the scientist's life in its entirety, accurately portraying him as a complicated and contradictory man.

## BUSINESS INSIDER

'Oppenheimer' leaves out New Mexicans exposed to radiation from the Manhattan Project, despite local efforts to contact filmmakers  
*Business Insider* spoke with HASS Associate Professor Alex Wellerstein about the towns surrounding the Trinity Site, where the first atomic bomb was tested and how people, known as "downwinders," were exposed to unacceptable amounts of radiation, even though radiation detectors deemed radiation levels safe.



One of Oppenheimer's most stomach-turning moments was added by an actor  
MSN referenced a BBC article, where HASS Associate Professor Alex Wellerstein described an eerie conversation between two military figures discussing which Japanese cities to bomb. The ancient city of Kyoto was a contentious target.

## Arizona Daily Star

Local opinion: When America nuked itself  
*The Arizona Daily Star* spoke with HASS Associate Professor Alex Wellerstein about how the actions of the scientists involved in the Manhattan Project reflected their ignorance of the effects of radiation at the time of the historic experiment in southwestern N.M.



After Oppenheimer built the bomb, a Connecticut senator had him investigated as a Communist spy  
*Stamford Advocate* interviewed HASS Associate Professor Alex Wellerstein on J. Robert Oppenheimer's connection to Conn. and how a senator investigated him as a Communist spy — a narrative that didn't make it into the movie.



How did cameras filming nuclear tests survive the blasts?  
IFL Science quoted HASS Associate Professor Alex Wellerstein from an earlier AP article, noting that highly qualified engineers working on nuclear tests—designed cameras and calculated distances from which they could withstand the impact of a nuclear detonation.



How a New London man came to be the first American to die of radiation poisoning  
*CT Insider* spoke with HASS Associate Professor Alex Wellerstein about the circumstances surrounding the death of Harry Daghlion and the attempt to keep his death a secret in order to quell fears about radiation sickness. Daghlion died of acute radiation poisoning 24 days after a lab accident.

## Research, Innovation and Entrepreneurship

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Theorists unearth new link between entanglement and classical mechanics  
*Physics World* interviewed SES Assistant Professor Xiaofeng Qian about his work that linked the hands-on world of classical mechanics to the "spooky" world of quantum entanglement using a 350-year-old theorem.

**FORTUNE**

[Ambitious workers are the first to get worse at their jobs under a toxic, abusive boss, study suggests](#)

*Fortune* wrote about SSE Assistant Professor Howie Xu's work on toxic bosses and how they affect the psyche and performance of ambitious employees. The article was also picked up in Brazil, Poland, Denmark, Austria and Spain. [AOL News](#), among 18 other national outlets.

**POPULAR  
MECHANICS**

[Scientists used a 350-year-old theorem to explain light](#)

*Popular Mechanics* interviewed SSE Assistant Professor Xiaofeng Qian on how he applied a classical mechanics theorem that describes how large objects such as planets and pendulums work to explain an entity that has no mass: light.

**New  
Scientist**

[AI can detect if you have recently smoked cannabis](#)

*New Scientist* highlighted SSE Assistant Professor Sang Won Bae's AI model that can detect if someone has recently used cannabis and alert medical professionals if they are dangerously intoxicated.

**THE U.S.  
Sun**

[New AI can detect if humans have smoked cannabis and 'alert medical professionals' by observing 'micromovements'](#)

*The U.S. Sun* covered SSE Assistant Professor Sang Won Bae's research on the use of mobile phones to detect cannabis use based on people's micromovements while intoxicated.

**CardiovascularNews**

[AI model detects multiple heart issues in a single 10-second audio clip](#)

*Cardiovascular News* wrote about SSE Associate Professor Negar Ebadi's new diagnostic tool that can detect and classify valvular heart disorders based on a short burst of audio data using AI. This work was conducted with Senior Research Scientist Arash Shokouhmand.

**IFLSCIENCE**

[A 350-year-old theorem can explain the quantum properties of light](#)

*IFL Science* covered SSE Assistant Professor Xiaofeng Qian's work on how a 350-year-old theorem that describes the movement of large objects can explain the properties of an object that has no mass: light. The news was picked up in 23 different countries, including China, Spain, Great Britain, Australia and Singapore. More than 20 national outlets picked up the news.

**INTERESTING  
ENGINEERING**

[350-year-old theorem unveils complex nature of light waves](#)

*Interesting Engineering* covered SSE Assistant Professor Xiaofeng Qian's work, which describes how a classical mechanics theorem works to describe two complex properties of light: polarization and entanglement.

**SCIENCE A2Z**

[Making electricity with bionic mushrooms](#)

*Science A2Z* covered a 2018 media release featuring former SSE Assistant Professor Manu Manoor, whose work revealed for the first time an engineered symbiosis between two microbiological systems – a white button mushroom and algae — to generate electricity.

**CORREIO BRAZILIENSE**

[Artificial intelligence can improve short-term forecasts](#)

*Correio Braziliense*, a daily newspaper in Brazil, spoke with SSE Associate Professor Marouane Temimi about the need for shorter-term forecasting models that can predict weather minutes ahead of time rather than hours or days.

## Campus and Community

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### [Stevens Institute of Technology moves forward with fintech initiative](#)

*NJ Tech Weekly* spoke with SSB Associate Professor Steve Yang and SSB Professor George Calhoun about the Center for Research toward Advancing Financial Technologies, the work that has been done over the past year and its vision for the future.



### [N.J. colleges are wrestling with students' use of artificial intelligence. Here's how](#)

*NJ.com* interviewed SSB Assistant Professor Jordan Suchow about how Stevens is debating the use of ChatGPT in various applications and settings, including finding ways to regulate student use, turning it into a teaching tool and even benefiting from it on an institutional level.



### [This Stevens Institute of Technology student got a head start in engineering](#)

*IEEE Spectrum* profiled SES electrical engineering student Megan Dion '25, recognizing her stellar academic and athletic achievements, including the IEEE Energy Society and IEEE PES Anne-Marie Sahazian scholarships this year.



### [Colleges work to sustain enrollment recovery post-pandemic](#)

*NJBIZ* interviewed Vice President Cindy Chin about factors that are driving Stevens' enrollment to historic numbers, including its STEM focus, while at the same time continuously addressing the changing needs of students.



### [As students head to campus, two universities require COVID vaccines](#)

*NJ.com* surveyed N.J. colleges and universities on COVID vaccine requirements — vs. recommendations — for students, faculty and staff. Among the 19 colleges and universities surveyed, only Rutgers and Montclair State required vaccines.

## Alumni

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### [UAW strikes – Pumping the economic brakes or hitting the gas?](#)

*Forbes* ran a contributed piece from Sean Hanlon '80, chief executive officer and co-chief information officer at Hanlon Investment Management, discussing whether the UAW strike helps or hurts the Fed's fight against inflation, noting an uptick in unemployment would help cool the economy.



### [Tech trends: Hoboken-based entrepreneur details his 'side hustle'](#)

*ROI-NJ* profiled Justin Trugman '20 M.Eng '21, an entrepreneur who is developing a software testing startup called SoftwareTesting.ai in Hoboken in his spare time.