

Stevens Institute of Technology Media Highlights May 19, 2022 – November 18, 2022

Between May 19, 2022 and November 18, 2022, Stevens received 3,230 media mentions in the national, regional and local media, including digital, radio, broadcast and print media. 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



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Sandy: 10 years later

CBS New York interviewed School of Engineering and Science (SES) Research Associate Professor Philip Orton for a documentary on the 10-year anniversary of Hurricane Sandy and how certain areas of New York are being affected by sea level rise.

Labor market mystery: Where are the older Gen Z workers?

THE WALL STREET JOURNAL.

The Wall Street Journal interviewed Stevens School of Business (SSB) Assistant Professor of Economics Justine Herve about why fewer people ages 20 to 24 are working or seeking a job, compared to older Gen Z workers who have returned to the labor force at pre-pandemic levels.



Twitter board in a bind as Elon Musk makes his move

Financial Times spoke with SSB Associate Professor Stefano Bonini about the troubled governance of Twitter's board and why that has contributed to sluggish innovation in the company.



How Elon Musk and Jack Dorsey aligned behind Twitter deal

Financial Times interviewed SSB Associate Professor Stefano Bonini about the tensions between Twitter's founder and other board members on how the company should be run.



Elon Musk's Twitter climbdown: 'a big pill to swallow'

Financial Times interviewed SSB Associate Professor Stefano Bonini about weaknesses in Elon Musk's case as he tried to back out of buying the social media company. The article was picked up by <u>The Irish Times</u> and Trend Fool.

The New York Times

The discount data that some colleges won't publish

The New York Times reported a piece on why universities do not publish the Common Data Set, arguing that it is a one-stop-shop resource for prospective students that should be commonly available.

The New York Times

A secret city with a secret African American history

The New York Times interviewed College of Arts and Letters (CAL) Associate Professor and nuclear historian Alex Wellerstein about workers in an African American community in Oak Ridge, Tenn., and their little-known contribution to the Manhattan Project.

The Washington Post

In place of Sandy-ravaged homes, a 'living' beach helps N.J. prepare for next storm

The Washington Post mentioned Stevens as a university involved in research studying a 'living beach' to help New Jersey prepare for the next storm as part of a resiliency and sustainability project.

Bloomberg

Rising seas are the next crisis for the world's ports

Bloomberg interviewed SES Research Associate Professor Philip Orton on rising sea levels and the issues they will cause for shipping companies at ports around the world. The article was picked up by <u>The Washington</u> Post and <u>The Economic Times</u>, among other outlets.

Bloomberg

Headed for the beach this summer? Enjoy it while it lasts

Bloomberg interview SES Research Associate Professor Jon Miller in Long Branch, N.J., whose shoreline has benefited from beach nourishment, but these benefits might not last long. The article was picked up by <u>The Washington Post</u>, among other outlets.





Inside Edition interviewed CAL Associate Professor Alex Wellerstein on campus about 'dirty bombs' and how they could be used as tactical weapons to disperse radioactive material over a certain area.



<u>Putin's tactical nuclear weapons could pack the same punch as atomic</u> bombs dropped on Japan

CNN reprinted a quote by CAL Associate Professor Alex Wellerstein that described how the atomic bombings in Japan were strategic attacks aimed at terrorizing the Japanese high command into surrender. His insight originally appeared in <u>Outrider</u>.



Why are job cuts rising, and what does that mean for you? Uptick shows 'cracks' in labor market

USA Today interviewed SSB Associate Professor Joelle Saad-Lessler about the rise in job cuts and what that means for the labor market. The article was picked up by Gannett outlets such as Yahoo! Money, Evansville Courier & Press, The Pueblo Chieftain, Naples Daily News, Post Crescent, Oshkosh Northwestern and The Evening Sun.



Will crime cost Democrats New York?

Newsweek interviewed CAL Associate Professor Lindsey Cormack on whether crime will be a factor in the midterm election.



<u>Nuclear bomb simulator used 9 million times since Russia invaded</u> Ukraine

Newsweek highlighted CAL Associate Professor Alex Wellerstein's website NUKEMAP, following Russia's invasion of Ukraine, and its ability to allow users to simulate nuclear explosions.



What experts say about how valuable the Inflation Reduction Act's green subsidies will be

TIME spoke with School of Systems and Enterprises (SSE) Assistant Professor Philip Odonkor about Stevens' *TechPulse* Report on green energy, citing several findings on cost and long-term benefits.



The recession meme is intense. But can the market see around the corner?

Forbes ran a contributed piece by SSB Professor George Calhoun on the lack of clairvoyance on how the stock market will react amid so many uncertainties and fears of a recession.



Why sharks aren't out to get you

The Hill featured an AP Campus Insights interview of CAL Assistant Professor Samantha Muka explaining why more sharks are being spotted along the East Coast, and why it is normal for beachgoers to fear them.



White House seeks \$35 million in nuclear incident aid amid rising Ukraine dangers

TIME interviewed CAL Associate Professor Alex Wellerstein about the spike in visitors to his website NUKEMAP following Russia's threats of using nuclear weapons.

Popular Mechanics

<u>How NASA cleared the Artemis rocket for launch despite Hurricane</u> Nicole damage

Popular Mechanics spoke with SSE Assistant Professor Paul Grogan about the high-stakes Artemis mission and its enormously complex systems that make it all but impossible for issues and delays to arise for a brandnew, never-launched vehicle.



5 unexpected ways coffee influences our behavior

Discover Magazine mentioned former SSB professor Adriana Madzharov's study that found the smell of coffee helps people perform better in work environments.



'Longterism' movement misses the importance of war

Scientific American published an article authored by CAL Teaching Assistant Professor John Horgan about a moral movement called "longtermism," which focuses on protecting humanity's future.



<u>Scientists have an explanation why there is an increase of shark attacks</u> off East Coast

ABC News featured CAL Assistant Professor Samantha Muka explaining the increase in shark attacks on the East Coast over the past few years.



These Jersey Shore beaches won't open Memorial Day weekend this year

NBC New York quoted SES Associate Research Professor Jon Miller in an article about the condition of Jersey Shore beaches and how some would not be open in time for Memorial Day Weekend.



Don't forget about NASA's Hubble space telescope

CNET interviewed SES Assistant Professor Jason Rabinovitch about how influential the Hubble Space Telescope was to a generation of scientists and how it contributed to his lifelong fascination with space exploration.

crunchbase news

Tech layoffs analysis: late-stage startups are hit hardest

Crunchbase News featured SSB Associate Professor Stefano Bonini's analysis on why late-stage, venture-backed tech companies have undergone frequent layoffs in the past year.



TikTok wants you to make 'ecobricks' from plastic trash. Should you?

NBC LX interviewed SES Professor Dibs Sarkar about 'ecobricks', what they are and how they can potentially be used to make an environmental impact.



'Most sensitive' dark matter detector finally started up

WFLA-TV, the NBC affiliate in Tampa, Fla., used part of an AP Campus Insights video featuring SES Assistant Professor Igor Pikovsky speaking about the new dark matter detector in South Dakota.



Power & Politics

News 12 Networks interviewed CAL Associate Professor Alex Wellerstein for their regional N.J. show *Power & Politics;* he spoke on the potential consequences of Vladimir Putin's nuclear threats.



Alex Wellerstein discusses veiled nuclear threats recently made by Vladimir Putin

Piers Morgan Uncensored interviewed CAL Associate Professor Alex Wellerstein about the potential consequences of the veiled nuclear threats made by Russian President Vladimir Putin.







Why Musk gave up: He's almost certain to lose Twitter case, law professor says

Ars Technica reprinted a quote published by Financial Times featuring SSB Associate Professor Stefano Bonini commenting on Elon Musk's handling of the Twitter purchase.

So you think you want to write a popular trade book?

THE CHRONICLE OF HIGHER EDUCATION

The Chronicle of Higher Education ran a piece by CAL Associate Professor Theresa MacPhail about the process of writing a trade book and how writing for a general audience was a more grueling endeavor than writing for an academic readership. Her book, entitled Allergic: Our Immune Systems in a Changing World, is due to be published by Random House in May 2023.

The Seattle Times

<u>Seattle aquarium's ocean pavilion will transform its focus and the</u> waterfront

The Seattle Times interviewed CAL Assistant Professor Samantha Muka about the Seattle aquarium's new ocean pavilion and how it will help marine life. <u>The Columbian</u> also ran the story.

The Philadelphia Inquirer

What happens when someone fires bullets skyward

The Philadelphia Inquirer interviewed SES Adjunct Professor Donald Carlucci on the ballistics of a bullet and what happens to it when it is fired skyward.



A nuclear awakening

Sideways, a BBC Radio 4 Podcast with Matthew Syed, featured an indepth discussion with CAL Associate Professor Alex Wellerstein about the history of nuclear bombs, emphasizing that not all nuclear bombs are of the same magnitude and scale.

The SINDEPENDENT

We asked nuclear security experts what kind of documents might have been in Donald Trump's basement

The Independent interviewed CAL Associate Professor Alex Wellerstein about the classified documents Donald Trump was keeping at Mar-a-Lago and what kind of damage they could have potentially caused to the United States.



<u>Low-lying East Harlem dodged Sandy's worst but neighborhood's still not</u> ready for next storm

The City referenced the research of SES Assistant Professor Reza Marsooli, who created models showing that a six-hour difference in Sandy's landfall would have made flooding far worse in New York City, especially East Harlem.



Corporate welfare fuels inflation, hinders growth and competition

Newsmax highlighted SSB Professor George Calhoun's commentary on the profitability, capacity, and capability of the United States semiconductor industry.



It's been 10 years since Superstorm Sandy

WFMZ-TV, an independent station serving Allentown, Penn., used a segment from an AP Campus Insights interview featuring SES Research Associate Professor Philip Orton on what we have learned in the decade since Hurricane Sandy.



George Calhoun on the war in Ukraine (link expired)

KTLA-TV, a Nexstar station serving Calif. locations in Los Angeles, Orange County and Ventura County, incorporated a video segment from an AP Campus Insights interview with SSB Professor George Calhoun about the effect that Russia's invasion of Ukraine has had on Ukraine's economy.



<u>AiThority Interview with Jordan Suchow, Assistant Professor at Stevens</u> Institute of Technology

AiThority interviewed SSB Assistant Professor Jordan Suchow on his background and research. Suchow also provided commentary on Al algorithms, the growth of deepfakes and cognitive intelligence.



Al researchers use social media monitoring tactics to identify behavior toward vaccination

AiThority referenced SES Professor Koduvayur Subbalakshmi's research on an AI tool capable of detecting fake news relating to COVID-19 by gathering data from 240,000 tweets to develop a detection algorithm.



AiThority Interview with Samantha Kleinberg

AiThority interviewed SES Associate Professor Samantha Kleinberg about her research in artificial intelligence and data science. Kleinberg provided commentary on her research relating to precision nutrition, which aims to help people achieve healthier food choices.



Survey: enthusiasm for green energy varies

New Jersey Business Magazine featured the Stevens TechPulse Report — Green Energy Perceptions and Usage — and its findings that enthusiasm for green energy varies.



No, Google's AI isn't self-aware

Lifewire interviewed SES Associate Professor Brendan Englot about whether artificial intelligence is sentient and what it would take for AI to become self-aware in the future.



George Calhoun on the war in Ukraine (link expired)

KGET-TV, an NBC affiliate serving Bakersfield, Calif., used a clip from an AP Campus Insights interview that featured SSB Professor George Calhoun commenting on the economic impact of the war in Ukraine.



Paul Grogan on Artemis launch delay (link expired)

News 12 New Jersey used a clip from an AP Campus Insights interview featuring SSE Assistant Professor Paul Grogan discussing how delays are to be expected for a brand-new, never-launched vehicle.



Jersey Shore residents urged to prepare for active hurricane season this summer

The Asbury Park Press interviewed SES Associate Research Professor Jonathan Miller about the condition of the state's beaches, the upcoming hurricane season and preparations for the next big coastal storm.



Late spring storm keeping some Jersey shore beaches closed

The Press of Atlantic City tapped SES Research Associate Professor Jonathan Miller for his expert opinion on the overall state of New Jersey's beaches, identifying those that need more sand.

Will post-Sandy repairs be enough for the next big storm

News & Record

News & Record used an AP Campus Insights interview featuring SES Research Associate Professor Philip Orton reflecting on the 10-year anniversary of Hurricane Sandy, what went wrong and what could happen in the future.

NEW JERSEY MONITOR

<u>Ten years after Sandy, Hoboken offers lessons in storm resilience</u>

New Jersey Monitor interviewed SES Associate Professor Marouane Temimi about what Hoboken has done in the last decade to make sure it will be able to handle urban flooding caused by a rainfall event.

The article was also syndicated in The Patch.



Experts: Banks should embrace blockchain to remain relevant

NJBIZ spoke with SSB Associate Professor Steve Yang about how blockchain and other financial innovations will have a large, positive impact on banking — such as in processing payments.

NEW JERSEY MONITOR

Lawmakers advance bill to study energy from waves and tides

New Jersey Monitor interviewed SES Davidson Laboratory Director Muhammad Hajj about whether wave and tidal energies can help New Jersey reach its goal of becoming a 100% clean-energy state by 2050.



10 years later, Hudson County is better prepared to handle a Superstorm Sandy

NJ.com interviewed SES Associate Professor Marouane Temimi about urban flooding and the strides Hudson County has made to ensure it can handle another storm like Hurricane Sandy.



Mentoring through challenging times: how to parent a college student (or vounger)

The Business Journals published an article authored by Vice President for Student Affairs Sara Klein, an expert in student growth and development, about different approaches for advising and parenting college students.



Dr. Sara Klein on college students heading back to campus (link expired)

KHON-TV, a Fox affiliate serving Honolulu, Hawaii, ran an AP Campus Insights video of Vice President for Student Affairs Sara Klein speaking about how to help first-year students adapt to campus life.



Are Americans willing to pay more for green energy?

NJBIZ featured the Stevens *TechPulse* Report, entitled Green Energy Perceptions and Usage, and its findings that enthusiasm for green energy varies depending on cost, convenience and other variables.



Can New Jersey handle another Sandy?

NJ 101.5 quoted SES Research Associate Professor Jonathan Miller on whether he thinks the New Jersey coastline would be able to handle another storm like Hurricane Sandy.



NJ beaches in good shape, but one storm could change everything

New Jersey 101.5 spoke with SES Associate Research Professor Jonathan Miller about the precarious state of the New Jersey shore and how one major weather event could threaten its health and sustainability.



10 years after Hurricane Sandy: what's next for the Jersey Shore?

New Jersey Monthly interviewed SES Research Associate Professor Jonathan Miller about the ten-year anniversary of Hurricane Sandy. Miller's commentary was on the importance of beach nourishment.



China's semiconductor industrial policy failures

National Review reprinted a quote SSB Professor George Calhoun gave to *Discourse* about how China's domestic industry remains woefully unable to meet its semiconductor needs.



Risking not-so-secret ballot for NJ voters

NJ Spotlight News mentioned CAL Associate Professor Lindsey Cormack's findings that New York City Elections suffered from privacy concerns and how those loopholes can also be found in New Jersey elections.



Catch a wave

Protocol mentioned Stevens' Davidson Laboratory Director Muhammad Hajj and his efforts to harness wave energy by placing converters in harsh and unpredictable environments.



Marine life expert explains cyclical reaction to shark attacks

The Daily Mail, the United Kingdom's highest circulated daily newspaper, featured an AP Campus Insights interview with CAL Assistant Professor Samantha Muka explaining the cyclical reaction to shark attacks as depicted in the media.



George Calhoun on decline of Russian economy

The Times of India, the third-largest newspaper in India, used a portion of an AP Campus Insights video featuring SSB Professor George Calhoun commenting on the decline of the Russian economy.

TASK ® PURPOSE

<u>Fears of an EMP attack are overblown. It's what comes next that should</u> worry you

Task & Purpose interviewed CAL Associate Professor Alex Wellerstein about an electromagnetic pulse attack and how it could potentially lead to a wider nuclear attack.

Research, Innovation and Entrepreneurship

The Washington Post

Study: When companies hire Black CEOs, their stock jumps

The Washington Post spoke to SSB Professor Ann Murphy about her work detailing how company stock jumps when a Black CEO is announced. <u>The Spokesman Review</u>, <u>The Star-Ledger</u> (print only), <u>The Philadelphia Tribune</u> and 12 other outlets picked up the story.

FORTUNE

When a Black CEO is appointed, it benefits the company's stock, according to new research

Fortune interviewed SSB Associate Professor Ann Murphy about her research detailing the effect of a company's stock when a Black CEO is appointed. The article was picked up by Yahoo! News.



When companies appoint Black CEOs, their market caps jump by 3.1%—here's why, new study says

CNBC Make It reported on SSB Associate Professor Ann Murphy's research highlighting that when a Black CEO is appointed, company stock jumps. The article was also picked up by NBC New York, MSN Malaysia and Pehal News.



Study: Stock prices go up when firms hire Black CEOs (link expired)

KTVU-TV, the local FOX affiliate in Oakland, Calif., reported on SSB Associate Professor Ann Murphy's research detailing the effect of a company's stock when a Black CEO is appointed.



Underwater robots get a boost in mapping the ocean

IEEE Spectrum wrote a featured article on SES Geoffrey S. Inman Junior Professor Brendan Englot's research, which describes a new framework that allows autonomous underwater robots to map cluttered areas of the ocean with high efficiency and low error rates.

ScienceNews

Spiraling footballs wobble at one of two specific frequencies

Science News interviewed SES Research Professor John Dzielski, who used ballistics equations and data from wind tunnel experiments to create the first precise model of a football's flightpath.

Diagnostics World

<u>Point-of-care skin cancer imaging device moving into large-scale clinical</u> trials

Diagnostics World featured SES Associate Professor Negar Tavassolian's low-cost, handheld skin cancer imaging device that is moving into large-scale clinical trials.



How rare is your NFT? This new feature can help you

Beincrypto.com reported on a study conducted by SSB Assistant Professor Jordan Suchow about buzz surrounding rare non-fungible tokens, and if it can create boredom on the part of collectors



Twisty' photons could turbocharge next-gen quantum communication Phys.org picked up Stevens' press release announcing SES Professor of Physics Stefan Strauf, who demonstrated a method for encoding vastly more information into a single photon, opening the door to even faster and more powerful quantum communication tools.



Companies that appoint Black CEOs see stock benefit: study

Becker's Hospital Review reported on SSB Associate Professor Ann Murphy's research detailing the effect of a company's stock when a Black CEO is appointed.

Campus and Community



Bartonsville twins earn first in class honors

WOLF-TV, the local FOX affiliate station in Scranton, Penn., profiled Stevens SES students Rocco and Marco Polimeni. The twins earned first in class honors among the graduating Class of 2022.



New dorms at Stevens Institute of Technology offer breathtaking views of NYC skyline

News 12 New Jersey featured the University Center Complex in a Positively New Jersey segment. News 12 interviewed students, toured the complex and dubbed the UCC towers the "best dorms in America."



Tour of Stevens' new University Center Complex

NJ.com visited campus to photograph the new University Center Complex. The outlet published an online gallery featuring interior and exterior shots and provided descriptions of the UCC's impressive features.

northjersey.com

'Where the heck is everybody?': NJ college enrollment is declining. We asked experts why

Northjersey.com wrote a story about how Stevens bucked the trend of dwindling enrollment numbers during the pandemic. The outlet reported that Stevens undergraduate enrollment jumped more than 30% between fall 2017 and fall 2021 and 10% between fall 2019 and fall 2021.



DOE awards \$750 grant to Stevens Institute's ACES program

NJBIZ picked up a Stevens press release announcing that the Department of Education awarded a \$750,000 grant to the Stevens ACES program. The program identifies and nurtures STEM talent in underserved communities.



Stevens Ph.D. candidate gets shoutout from NASA for his research efforts

TAPinto Hoboken featured Stevens Ph.D. candidate Jiuyi Zhang's inclusion in NASA's Earth Science Technology Office's annual report, spotlighting significant strides made in technology over the past year.



U.S. News national rankings: N.J. puts 4 in Top 100

ROI-NJ reported on Stevens *U.S. News & World Report* national rankings. Stevens was ranked in the top 100 and a university spokesperson was quoted as saying the rankings represent the university's efforts to continually improve.



N.J. colleges with the highest and lowest student debt for graduates, ranked

NJ.com reported a story on New Jersey colleges with the highest and lowest student debt for graduates, highlighting that Stevens' students have above average starting salaries that are able to offset student debt.



Empire State Building to light up red in honor of Stevens Institute of Technology

TAPinto Hoboken reported on the Empire State Building lighting up red in honor of Stevens Institute of Technology and the inaugural fall festival celebration.



Hoboken festival continues to propel tech startup community

TAPinto Hoboken mentioned Stevens' participation in Propelify, a festival for tech startups and entrepreneurship. Councilwoman Tiffanie Fischer called out Stevens' Office of Innovation and Entrepreneurship contributions to the event.



MLB hall of Famer, Segway inventor will give commencement addresses at Stevens

TapInto Hoboken covered Stevens' announcement of its 2022 commencement speakers, Cal Ripkin Jr. and Dean Kamen.



<u>Stevens Institute wins Mission 50's 1st Hudson county-wide collegiate</u> entrepreneurship pitch competition

ROI-NJ covered Mission 50's entrepreneurship pitch competition and its winner, Arianna Gehan '24 who developed a diabetes management tool uses AI to push actionable insights.



Stevens professor's quantum photonics innovation company is acquired

ROI-NJ wrote about SES Gallaher Associate Professor of Physics Yuping Huang's company QPhoton being acquired by Quantum Computing Inc. <u>Yahoo! Finance</u> also covered the news.



NJ college graduates celebrate in-person commencement ceremonies

NJ Spotlight News featured Stevens' 2022 commencement ceremonies and used a clip of speaker, Hall of Famer Cal Ripken Jr., addressing the graduating class.

Alumni



Positive feedback: the science of criticism that actually works

Financial Times profiled Avraham Kluger Ph.D. '89 and his research on feedback and its effect on motivation. The article was also picked up by Trend Fool.

Forbes

Top creators 2022

Forbes recognized digital star Marques Brownlee '15 as a Top Creator for 2022. Brownlee became popular for his gadget-focused YouTube channel MKBHD, which posts reviews of everything from video games to drones to smartphones.



PATH is down half its riders. Why its leader is moving ahead with \$1B expansion anyway

The Asbury Park Press profiled Clarelle DeGraffe '84 her role as general manager of the PATH transit system and her plans to oversee its one-billion-dollar expansion.

womanthology

Bridging the inclusion gap and encouraging more women into engineering

Womanthology ran an article authored by Diana Jandreski '14 M.Eng. '15, a mechanical engineer specializing in movable bridges. She wrote about bridging the inclusion gap in STEM and encouraging more women to enter the engineering field.



Biden's policy toward China is a road to self-destruction

Asia Times featured an article written by George Koo Sc.D. '69 and his thoughts on President Biden's policy on China.

The Division of University Relations provides 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