

From: [Scholl, Matthew A. \(Fed\)](#)
To: [Stine, Kevin M. \(Fed\)](#); [Sedgewick, Adam \(Fed\)](#)
Subject: Re: NIST News Clips for Friday, December 20, 2019
Date: Friday, December 20, 2019 1:38:14 PM

Wait til OIRA figures out we released a Facial Recognition report.

From: "Stine, Kevin M. (Fed)" <kevin.stine@nist.gov>
Date: Friday, December 20, 2019 at 1:36 PM
To: "Scholl, Matthew A. (Fed)" <matthew.scholl@nist.gov>, Adam Sedgewick <adam.sedgewick@nist.gov>
Subject: Fwd: NIST News Clips for Friday, December 20, 2019

Slow news day for cyber...

From: "Barrick, Jen (Fed)" <jennifer.barrick@nist.gov>
Subject: NIST News Clips for Friday, December 20, 2019
Date: 20 December 2019 12:20
To:

Good afternoon!

Here are today's news clips, which provide a snapshot of the media's news coverage related to NIST. We have a whopping 23 clips on the latest Face Recognition Vendor Test report on demographic effects. Look for the ***** for the start of clips on other NIST topics.

For a look at the news NIST is currently promoting, please visit www.nist.gov, or follow NIST on [Twitter](#), [Facebook](#), [LinkedIn](#) or [Instagram](#).

To view previous news clips, visit the [NIST in the News forum](#) on the NIST intranet.

[Federal study confirms racial bias of many facial-recognition systems, casts doubt on their expanding use](#)

The Washington Post (reprinted in Seattle Times and Pittsburg Post-Gazette)
The National Institute of Standards and Technology, the federal laboratory known as NIST that develops standards for new technology, found "empirical evidence" that most of the facial-recognition algorithms exhibit "demographic differentials" that can worsen their accuracy based on a person's age, gender or race.

[Many Facial-Recognition Systems Are Biased, Says U.S. Study](#)

The New York Times

Algorithms falsely identified African-American and Asian faces 10 to 100 times more than Caucasian faces, researchers for the National Institute of Standards and Technology found.

[Federal study finds race, gender affect face-scanning technology](#)

Los Angeles Times and USA Today (AP story)

This is the first time the National Institute of Standards and Technology has investigated demographic differences in how face-scanning algorithms are able to identify people.

[Facial recognition systems show rampant racial bias, government study finds](#)

CNN Business

In a release, Patrick Grother, one of the researchers behind the report, said race-based biases were evident in “the majority of the face recognition algorithms we studied.”

[Many facial recognition tools convey racial bias, study finds](#)

CNET

Many facial recognition systems have a harder time identifying African-American, Asian and native groups than Caucasians, according to a study released Thursday by the National Institute of Standards and Technology.

[U.S. government study finds racial bias in facial recognition tools](#)

Reuters (Also reported in CBC)

The study by the National Institute of Standards and Technology (NIST) found that, when conducting a particular type of database search known as “one-to-one” matching, many facial recognition algorithms falsely identified African-American and Asian faces 10 to 100 times more than Caucasian faces.

[Government study finds racial, gender bias in facial recognition software](#)

The Hill

The research from the National Institute of Standards and Technology (NIST), a federal agency within the Department of Commerce, comes amid pushback from lawmakers and civil rights groups to the software which scans faces to quickly identify individuals.

[Facial Recognition Turns Out To Be Not So Great If You Aren't a White Man](#)

Mother Jones

The National Institute of Standards and Technology released a report today about the accuracy of facial recognition software.

[NIST Finds Racial, Gender Bias in Facial Recognition Study](#)

Homeland Security

According to a new study by the National Institute of Standards and Technology (NIST), the answer depends on the algorithm at the heart of the system, the application that uses it and the data it's fed — but the majority of face recognition algorithms exhibit demographic differentials.

[Facial recognition technology has a racial bias problem, according to a new landmark federal study](#)

Business Insider

A sweeping federal study of facial recognition technology found that the systems are worse at identifying women and people of color than men and white people, the National Institute of Standards and Technology announced Thursday.

[Tech & Cyber Briefing](#)

Bloomberg Government

Lawmakers in both chambers have been anxiously waiting for the National Institute of Standards and Technology study's results to see if more oversight or legislation is needed for facial recognition use by law enforcement and the Department of Homeland Security.

[The problem with law enforcement's rapid adoption of facial recognition tech](#)

Axios

The Trump administration has put the National Institute of Standards and Technology in charge of new federal standards for AI, and some lawmakers have proposed having it audit controversial algorithms before they can be put to use.

[NIST Study Finds Demographics Make A Difference In Face Recognition Algorithms](#)

Defense Daily

Face recognition algorithms produce different rates of accuracy based on sex, age, and race or country of birth, although algorithms that are more accurate generally produce fewer errors, according to a new report by the National Institute of Standards and Technology.

[NIST confirms that facial recognition is a racist, sexist dumpster-fire](#)

Boing Boing

While NIST doesn't speculate as to why, it did find that the performance of 189 facial recognition algorithms from 89 different vendors varied by "race, sex and age" -- that is, the systems performed significantly worse when asked to recognize people who weren't young, white and male.

[Federal study of top facial recognition algorithms finds 'empirical evidence' of bias](#)

The Verge

According to the study by the National Institute of Standards and Technology (NIST), algorithms currently sold in the market can misidentify members of some groups up to 100 times more frequently than others.

[Facial Recognition Software Misreads African-American Faces: Study](#)

The Crime Report

The study by the National Institute of Standards and Technology (NIST), an agency of the Department of Commerce, avoided any recommendation to abandon the software, cautiously noting that some of the algorithms used by some developers were relatively more accurate than others.

[Federal study: Facial recognition systems most benefit middle-aged white males](#)

The Next Web

The US National Institute of Standards and Technology today released its 2019 report on facial recognition. And there are no surprises here, it's just as dystopian as we've been warning you about all year.

[Federal Study Confirms Facial Recognition Is A Biased Mess](#)

Mashable India

A new study from the National Institute of Standards and Technology, published on Dec. 19, lays out in painstaking detail how facial-recognition tech misidentifies the elderly, young, women, and people of color at rates higher than that of white men.

[Facial Recognition Bias Exposed](#)

Channel News

Throughout the sweeping study, carried out by the National Institute of Standards and Technology (NIST) in the US, researchers found the software had a higher rate of falsely identifying people of colour and women by a factor of 10 to 100 times, depending on the algorithms used.

[How Accurate is Face Recognition? Depends on Your Race, Age and Sex](#)

ASGARDIA The Space Nation

There's now even more support for this criticism: the National Institute of Standards and Technology (NIST), a non-regulatory agency of the US Department of Commerce that strives to promote innovation and industrial competitiveness, has found a big problem in demographic differences when it comes to facial recognition.

[Study Highlights Race & Gender Flaws in Facial Recognition](#)

Courthouse News Service

Taking more than 18 million photos used for criminal mug shots, visa applications and two other government data sets, researchers with the National Institute of Standards and Technology evaluated 189 software algorithms from 99 developers.

[Massive errors found in facial recognition tech: US study](#)

Outlook

The researchers from the National Institute of Standards and Technology (NIST), a government research center, also found two algorithms assigned the wrong gender to black females almost 35 percent of the time.

[U.S. makes it easier for holders of industry-standard patents to block product sales](#)

Reuters

The U.S. Justice Department, the U.S. Patent and Trademark Office and National Institute of Standards and Technology jointly released a policy statement on so-called standard essential patents to replace its policy since 2013.

[USPTO, DOJ & NIH Issue Joint Policy Statement on Injunctions for Standard Essential Patents](#)

IP Watchdog

Earlier this afternoon, the United States Patent and Trademark Office (USPTO, National Institute of Standards and Technology (NIST) and the U.S. Department of Justice, Antitrust Division (DOJ), issued a Joint Policy Statement on Remedies for Standards-Essential Patents Subject to Voluntary F/RAND Commitments ("2019 Joint Policy Statement").

[Climate program liked by Republicans is on the ropes](#)

E&E News (reply for text)

The most important disaster research program you've never heard of operates on a shoestring budget deep within the recesses of the National Institute of Standards and Technology in Gaithersburg, Md.

[Maryland's Dirty Air: Quality, Greenhouse Gas Recorded By UMD](#)

Patch

While there is crossover between the groups, this research goes under an initiative the scientists call FLAGG-MD, which stands for Fluxes of Atmospheric Greenhouse Gases in Maryland. It is funded by the National Institute of Standards and Technology, with support from the Maryland Department of the Environment.

[NIST Launches Three New Biometric Databases to Aid Identity Verification Research](#)

Find Biometrics

The National Institute of Standards and Technology (NIST) has announced the release of three new biometric databases aimed at helping accelerate the development of more secure and accurate biometric identification systems.

[NIST, Army Research Lab Conduct Quantum Computing Experiment](#)

Executive Gov

The National Institute of Standards and Technology partnered with the Army Research Lab and University of Maryland to conduct an experiment on quantum interference that could support advanced computing.

[ID R&D announces high accuracy in NIST voice biometrics testing as survey shows deepfakes misunderstood](#)

Biometric Update

ID R&D has announced the accuracy results of its voice biometric technology in the 2019 Speaker Recognition Evaluation (SRE): Conversation Telephone Speech (CTS) Challenge from NIST.

[Japan in race with China for facial-recognition supremacy](#)

Nikkei Asian Review

The speed and capacity far exceed the capabilities of other companies, which is why NEC's technology ranks first in benchmark testing by the U.S. National Institute of Standards and Technology, or NIST.

[Watchdog: OPM is At Risk of Not Being Able to Restore IT Systems Post-Disaster](#)

Nextgov

The inspector general conducted this audit from April to September, based on the metrics from the National Institute of Standards and Technology's Cybersecurity Framework.

[DOD Awards Six Companies \\$808M IT Network Contract: GovCon Flash](#)

Bloomberg Government

The contract will seek to minimize the Pentagon's security risks and comply with cybersecurity

guidelines outlined by the National Institute of Standards and Technology (NIST) that aim to protect sensitive or valuable data.

[Industry fumes as Calif. takes measure of charging stations](#)

E&E News

It is published by the National Institute of Standards and Technology (NIST), a part of the U.S. Department of Commerce, which also provides technical experts to referee the rules.

[Pentagon-backed industry groups seek broader input on cyber certification accreditation body](#)

Inside Cybersecurity (*Reply for text*)

An earlier draft issued last month was focused on lower-level risks – levels one through three – while the latest plan includes security practices based on NIST standards, Special Publication 800-171B, proposed in June in response to “advanced persistent threats” from foreign adversaries such as China, Russia, North Korea and Iran.

[NIST CSF: NIST CSF core functions](#)

Security Boulevard

The National Institute of Standards and Technology (NIST)’s Cybersecurity Security Framework (CSF) Core consists of five functions. They include: Identify, Protect, Detect, Respond, Recover.

[NIST CSF: Risk Management Framework](#)

Security Boulevard

In February 2014, the National Institute of Standards and Technology (NIST) published its “Framework for Improving Critical Infrastructure Cybersecurity,” which offers a holistic way for organizations to better understand their cybersecurity risk and how to manage it.

[Arkansas to develop statewide high-school cybersecurity program](#)

EdScoop

Courses will be aligned to the ADE Information Security, ADE Advanced Information Security, and National Initiative for Cybersecurity Education, or NICE, standards and will prepare students for industry recognized cybersecurity certifications, like CompTIA’s Networking Plus and Microsoft Technology Associate certifications.

[PART 1 - Military report confirms spying risks in deal with China-backed telco](#)

Rappler

Using a method developed in 2012 by the National Institute of Standards and Technology (NIST) of the US Department of Commerce – the Guide for Conducting Risk Assessments, NIST Special Publication 800-30 – the AFP J6 enumerated and briefly defined 4 specific “threat events”:

Jen Barrick

Administrative Assistant

Public Affairs Office

National Institute of Standards and Technology

Building 101, Room A903, MS 1070

Phone: 301-975-3840

Email: jennifer.barrick@nist.gov