

### [Exonerated man pitches senate on forensic science bill](#)

Keith Allen Harward was convicted of the 1982 rape of a woman and murder of her husband based on bite marks, but was cleared by DNA in 2016. He told the Senate Court of Justice Committee on Wednesday that the bill would protect those convicted by "bad science" who don't have DNA evidence to help clear them.

### ['We are going backward': How the justice system ignores science in the pursuit of convictions](#)

When Paul Aaron Ross returns to court for a new trial in the 2004 murder of a 26-year-old woman, prosecutors will rely on bite marks to prove that he did it — even though the technique has been discredited by dozens of scientists and multiple studies.

### [Leonardo da Vinci's Geological Secrets Revealed By Forensic Science](#)

Microscopic analysis under infrared light and X-rays revealed the chemical properties of the ink used by Leonardo. Apparently, he used two very distinct inks, one ink based on iron pigments and one ink based on carbon pigments, for his sketch. This observation suggests that da Vinci didn't sketch the landscape at once, but rather added many details, like the rock layers, much later.

### [ALEXA D'ARIENZO \('22\) WINS THE PAULEY PERRETTE FORENSIC SCIENCE SCHOLARSHIP](#)

Her interest in science and desire to solve crimes helped D'Arienzo zero in on John Jay as the right College for her. "I only applied to five colleges," says D'Arienzo. "First, I looked at which school was the best for Forensic Science. Then, with the added chance to learn about Forensic Science in a criminal justice setting, I knew that John Jay was the right fit for me." We sat down with this Long Island native to learn more about her goals for the future, her scholarship win, and what it means to be a woman in science.

### [Renowned U.S. forensic scientist stars in Taiwanese crime series](#)

At a press conference on Thursday in Taipei City, Lee talked about his experience on the series with female lead Janel Tsai (蔡淑臻), and said he played the role of an international detective in "i Hero," set to broadcast in March 2019 in Taiwan.

### [Coming Soon to a Police Station Near You: The DNA 'Magic Box'](#)

Law-enforcement officials said that the device had provided leads in hundreds of cases, helping to facilitate arrests and exonerate falsely accused individuals. Members of the Rapid DNA team in the Orange County, Calif., district attorney's office said that some robbers were identified so quickly that they were caught still holding stolen goods. Rapid DNA machines were used to help identify victims of the recent wildfires in Northern California.

### [The FBI says its photo analysis is scientific evidence. Scientists disagree.](#)

At the FBI Laboratory in Quantico, Virginia, a team of about a half-dozen technicians analyzes pictures down to their pixels, trying to determine if the faces, hands, clothes or cars of suspects match images collected by investigators from cameras at crime scenes.

#### [When remains are unidentified, officials often call on Dot's Dr. Schoff to help out](#)

The forensic anthropologist and Dorchester resident Dr. Sarah Kiley Schoff has always been fascinated by bones. As a child growing up on the South Shore, she says, she was influenced by her father, an amateur archaeologist who kindled her interest in the field by encouraging her to explore the natural habitats near her home.

#### [Exclusive: DNA solves Rudolf Hess doppelgänger conspiracy theory](#)

It is one of the greatest remaining conspiracy theories of the second world war. In May 1941, Adolf Hitler's deputy führer, Rudolf Hess, flew solo from Germany to Scotland in an apparent attempt to broker a peace deal between Britain and Germany. Hess's plan failed, and he was arrested in the UK. He was eventually tried at the military tribunals in Nuremberg and incarcerated in Spandau prison in Berlin, where he died in 1987.

#### [Former crime lab employee gets jail time, \\$18,000 restitution for stealing meth](#)

A former forensic scientist employed at Montana's state crime lab will spend six months in jail for skimming methamphetamine from the facility for a year before he was caught.

#### [DA: STATE CRIME LAB AT 'CRISIS' LEVEL WITH BACKLOG OF DUII SAMPLES](#)

Doug Marteeny told KEZI 9 News a lack of resources is to blame. He said the crime lab is at a "crisis" level when it comes to prosecuting driving under the influence of intoxicants (DUII) cases, and he's frustrated it's taking so long to prosecute them.

#### [Nurse Arrested In Case Of Incapacitated Phoenix Woman Who Gave Birth At Hacienda HealthCare Facility](#)

Phoenix police said Wednesday they have arrested a nurse who allegedly raped a 29-year-old incapacitated woman at the long-term care facility where she's lived for more than two decades — the same facility where that suspect worked. That sexual assault resulted in the birth of a baby.

#### [Suspect Arrested in San Diego Man's 2006 Cold Case Sword Killing](#)

Nearly 13 years after the slaying, the La Mesa Police Department announced genetic genealogy technology had helped detectives finally arrest a suspect in the case.

#### [Idaho State Police lab hopes to test most backlogged rape kits by the end of 2019](#)

The 2018 sexual assault kit tracking report released by Idaho State Police Forensic Services shows that the state performed 473 rape kit exams last year, and the lab saw 620 kits submitted for testing. That means police submitted nearly 150 old kits.

#### [From Weeks to 90 Minutes: Rapid DNA Test to Come to California Cops](#)

The Board of Supervisors on Tuesday authorized the sheriff's office to spend roughly \$97,000 to purchase the RapidHIT ID System. That's about half the price scientific product company Thermo Fisher typically charges, according to a staff report that describes the technology as "revolutionary."

