

## As Seen on Forensic Update

Saw something cool in the **Forensic Update**? You can get all the details from each edition via the links below. NFSTC's online forensic news series is where we share some of the coolest technologies and industry news.

### **November 2019**

- [Thermo Fisher Rapid DNA Center of Excellence](#)
- [Where DNA falls short in cracking crimes, scientists can use this new tool](#)
- [A safer way for police to test drug evidence](#)
- [A breath test for opioids](#)
- [Opioids PPE](#)
- [A fourth amendment framework for voiceprint database searches](#)

### **October 2019**

- [Department of Justice announces interim policy on emerging method to generate leads for unsolved violent crimes](#)
- [Pitt researchers create breathalyzer that can detect marijuana](#)
- [ANSI National Accreditation Board](#)
- [FIU Digital Forensics Professional Program](#)
- [NICE Conference](#)
- [9th Annual Forensic Science Symposium](#)

### **September 2019**

- [NFSTC@FIU named Rapid DNA Center of Excellence by Thermo Fisher Scientific](#)
- [Fentanyl analogue identification toolkit aids forensic toxicology](#)
- [ISHI student ambassadors](#)
- [GCC Forensics Conference and Symposium](#)
- [Forensic Science Week](#)

### **August 2019**

- [NIST's new PCR-based DNA profiling standards](#)
- [Research: Improving the chemiluminescence of luminol](#)
- [Was that song stolen? Forensic Musicology with Joe Bennett, PhD, of the Berklee College of Music. Listen to the full interview here.](#)

## **July 2019**

- [How forensic face recognition works](#)
- [SOCOM seeks smartphone app for fingerprint data](#)
- [Deep fakes: Researchers develop forensic techniques to identify tampered videos](#)
- [Overdose deaths likely to fall for first time since 1990](#)
- [CDC Provisional Report](#)

## **June 2019**

- [Researcher creates new lubricant database to help solve sexual assault cases](#)
- [Tackling the forensic unknowns of 3D-printed firearms](#)
- [To access the database, contact Beau Black directly](#)
- [Forensic examiners are in danger of missing evidence in low-light environments, according to new research](#)
- [ROTC](#)

## **May 2019**

- [UK to open first body farm for forensic research](#)
- [OSAC Opens Comment Period on Interdisciplinary Training Standard for Forensic Science Practitioners](#)
- [FBI approves Verogen's Next-Gen forensic DNA technology for National DNA index system](#)
- [SWGDM publishes addendums to Interpretation Guidelines for Autosomal STR Typing by Forensic DNA Testing Laboratories and Mitochondrial Interpretation Guidelines for Mitochondrial DNA Analysis by Forensic DNA Testing Laboratories](#)
- [SOFIC 2019](#)

## **April 2019**

- [Scottish researchers crowdsource forensic shoe prints for database](#)
- [Extended wash removes drug contaminants from forensic hair samples](#)
- [Need for digital forensics in the automotive world](#)
- [DNA Mixtures: A forensic science explainer](#)
- [8th Annual Forensic Science Symposium](#)

## **March 2019**

- [Forensic scents could prove rape case](#)
- [A long handshake can spread your DNA to objects you didn't touch](#)
- [How optical tweezers could address one of crime labs biggest challenges](#)
- [New app uses sonar to detect opioid overdoses](#)
- [Western New York police to treat overdoses as a crime scene](#)

- [CDC distributes Fentanyl Analog Screening \(FAS\) kits with Cayman Chemical](#)
- [8th Annual Forensic Science Symposium](#)

## **February 2019**

- [NIST evaluation shows advance in face recognition software's capabilities](#)
- [NICE and CoPaCC study reveals the top digital evidence management challenges for UK police forces](#)
- [Magnet Forensics Magnet Axiom](#)
- [CSI Medieval: Researchers to uncover forensic secrets of Britain's historic wax seals](#)
- [8th Annual Forensic Science Symposium](#)

## **January 2019**

- [Bed bugs preserve full human blood DNA profiles for three days](#)
- [Blow flies help us solve murders but climate change is forcing them out](#)

## **December 2018**

- [NFSTC@FIU Year in Review](#)

## **November 2018**

- [Test determines individuals likeliest to shed DNA at crime scenes](#)
- [Machine learning of DNA predicts height within an inch](#)
- [Contactless 3D fingerprint identification](#)
- [8th Annual Forensic Science Symposium call for abstracts](#)

## **October 2018**

- [DNA testing of illegal ivory seized by law enforcement links multiple ivory shipments to same dealers](#)
- [New protocol for measuring background levels of drugs in crime labs](#)
- [NIST details plans for reviewing the scientific foundations of forensic methods](#)
- [Summer Research Fellows](#)
- [IFRI Forensic Science Seminar Series](#)

## **September 2018**

- [Laser scanner uncovers evidence of unmarked human graves](#)
- [ORNL researchers enable real-time forensic analysis with new cybersecurity tool](#)
- [SWGDE releases three new best practices, opens three more for comment](#)
- [Research on portable mass spectrometry systems](#)

- [European research funders demand open access](#)
- [National Forensic Science Week](#)

## **August 2018**

- [Rapid and reliable on-site drug detection using aptamer-based sensors](#)
- [Erie County forensic lab chemist revived with Narcan after suffering overdose handling evidence](#)
- [Opioid safety](#)
- [New forensic analysis can pinpoint victim's age from blood stains](#)
- [NIST builds statistical foundation for next-generation forensic DNA profiling](#)
- [National Forensic Science Week](#)

## **July 2018**

- [Site helps sex assault survivors track rape results](#)
- [Stunning DNA breakthrough could help crack cold cases](#)
- [Drone forensics gets a boost with new data on NIST website](#)
- [Apple closing iPhone security gap used by law enforcement](#)
- [ROTC Biometric and Forensic Internship](#)

## **June 2018**

- [Accelerating analysis for designer drugs](#)
- [NamUs 2.0: Faster, More In-depth on its first day debut](#)
- [Cops crack old double murder by collecting suspect's cup](#)
- [Fingerprint analysis could finally get scientific, thanks to a new tool](#)
- [Chemistry professor gets \\$628,000 grant to develop new method of lifting fingerprints](#)
- [CSI/Forensic Science Summer Camp at FIU](#)

## **May 2018**

- [Army develops face recondition technology that works in the dark](#)
- [SOFIC 2018](#)
- [The emoji factor: Humanizing the emerging law of digital speech](#)
- [FIU FIRST Preeminent Program](#)

## **April 2018**

- [World's first portable fingerprint drug test now available in Australia and New Zealand](#)
- [An optimized procedure for obtaining DNA from fired and unfired ammunition](#)
- [Surgeon General urges more Americans to carry opioid antidote](#)
- [NIST and Florida International University Join Forces on Cybersecurity Education Outreach](#)

- [7th Annual Forensic Science Symposium](#)

## **March 2018**

- [Virtual Case Notes: Steganalysis Database will help find hidden files in innocent images](#)
- [Deputy AG Rosentein announces new federal forensic initiatives](#)
- [Free software can help spot new forms of fentanyl and other drugs](#)
- [Medical Examiner taps DNA science to find missing persons](#)
- [NamUs](#)
- [7th Annual Forensic Science Symposium at FIU](#)

## **February 2018**

- [More pressure, more touch DNA, study says](#)
- [Rhinoceros DNA database helps nail poachers and traffickers](#)
- [A framework for harmonizing forensic science practices and digital/multimedia evidence](#)
- [Sensitive detection of small-molecule targets using cooperative binding split aptamers and enzyme-assisted target recycling](#)
- [Florida Forensic Science Symposium](#)

## **January 2018**

- [New NIST forensic tests help ensure high-quality copies of digital evidence](#)
- [New software can verify someone's identity by their DNA in minutes](#)
- [Luminescent nanoparticles leave a glowing fingerprint](#)

## **December 2017**

- [Powerful detection technology for powerful new street drug](#)
- [Opioid resources](#)
- [Large area imaging of forensic evidence with MA-XRF](#)
- [OSAC Annual Report](#)
- [American Academy of Forensic Sciences Journal of Forensic Science](#)
- [NFSTC joins forces with FIU](#)

## **November 2017**

- [Solving Cold Case Homicides](#)
- [Advanced Training for Cold Case Sexual Assault](#)
- [Real or fake? Creating fingerprints to protect identities](#)
- [Innovative fingerprint analysis is trailed by West Yorkshire police](#)
- [A fashionable chemical and biological threat detector on a ring](#)
- [Tips for hiring a quality DNA audit team](#)

- [DNA sample packs](#)
- [Murder is her hobby: Frances Glessner Lee and The Nutshell Studies of Unexplained Death](#)

## **October 2017**

- [Cyber Security Awareness Month](#)
- [University of Michigan researchers develop technique that could detect explosives, dangerous gases rapidly and remotely](#)
- [New fingerprint test can detect cocaine use in seconds](#)
- [Symposium on synthetic opioids and the overdose epidemic](#)
- [Opioid PPE video](#)
- [NFSTC retires DNA audit program](#)
- [NFSTC joins forces with FIU](#)

## **September 2017**

- [NIST seeks input on OSAC 2.0](#)
- [Rapid DNA Act Signed into Law, Setting Target of 90 Minute CODIS Profiles](#)
- [National Best Practices for Sexual Assault Kits: A Multidisciplinary Approach](#)
- [Fentanyl/Opioid Resources](#)
- [Household cleaner found effective for fentanyl spills](#)
- [AirScience eBook: Fentanyl Safety Risks and Solutions for Forensic and Public Service Employees](#)
- [DEA Fentanyl Resource Center](#)

## **August 2017**

- [New THC finding paves way toward an effective marijuana Breathalyzer](#)
- [FIU focus on innovation: better chemical testing](#)
- [Underlying factors contributing to the accumulation of unsubmitted SAKs](#)
- [SWGDE drafts open for comment](#)
- [The Windex Case: trace to latent then DNA](#)
- [Scene preservation kit helps track missing woman](#)
- [National Forensic Science Week](#)

## **July 2017**

- [Fentanyl: A Briefing Guide for First Responders](#)
- [Synthetic Opioids and Officer Safety Webinar](#)
- [Coroner's Office tells first responders to throw away latex gloves](#)
- [Ancient Egyptian blue powder makes fingerprints glow](#)
- [USF – Strategies for Investigating Violent Crime](#)
- [Scientists have a fascinating new way to determine the age of skeletal remains](#)

- [Support our ROTC Biometrics and Forensics Internship](#)

## **June 2017**

- [Tennessee bill boosts NamUs use](#)
- [Do you have what it takes to be a forensic fingerprint examiner?](#)
- [AAFS Journal of Forensic Science](#)
- [El Guía de la Investigación de la Escena del Crimen](#)
- [Fauxrensics](#)

## **May 2017**

- [DOJ notice of public comment on Advancing Forensic Science](#)
- [Fitbit helps solve a murder case](#)
- [Textalyzer aims to curb distracted driving](#)
- [Support our ROTC Biometrics and Forensics Internship](#)

## **April 2017**

- [25 years after sexual battery, Pinellas deputies make arrest](#)
- [Glowing, living gloves could aid crime scene investigations](#)
- [Can facial recognition systems help save lemurs](#)
- [ASCLD 2017](#)
- [ROTC Biometrics and Forensics Internship](#)

## **March 2017**

- [INL Grant](#)
- [U.S. Marine Corps contract](#)
- [Synthetic Opioids and Officer Safety Webinar](#)

## **February 2017**

- [National Sexual Assault Kit Initiative \(SAKI\) FY 2017 Competitive Grant Announcement](#)
- [Loyola professor developing spray to identify fly spit at crime scenes](#)
- [AFTE certification testing dates for 2017](#)

## **January 2017**

- [DNA Analyst Training](#)
- [SWGDM DNA Collection Recommendations](#)
- [Recommendations for the Efficient DNA Processing of Sexual Assault Evidence Kits](#)
- [Validation Guidelines for DNA Analysis Method](#)

- [ASCLD Symposium](#)
- [University of South Florida St. Petersburg Field Forensics Course](#)

## **December 2016**

- [Opportunities for Improved Transparency in the Timber Trade through Scientific Verification](#)
- [Dutch police use augmented reality to investigate crime scenes](#)
- [In a national first, HFSC beings blind testing in DNA, Latent Prints](#)
- [ANAB – ASCLD/LAB Accreditation Requirements Public Comments](#)
- [Forensic Science Education Programs Accreditation Commission \(FEPAC\) Proposed Standards Updates](#)

## **November 2016**

- [These bionic spinach plants can sniff out bombs](#)
- [New portable forensic technology captures shoe prints instantly in 3D](#)
- [Minimizing bias in forensic science](#)
- [Communicating forensic science in the courtroom](#)
- [NFSTC SeaPort-e](#)
- [Fauxrensic](#)

## **October 2016**

- [PCAST](#)
- [Responses:](#)
  - [National District Attorneys Association](#)
  - [Department of Justice](#)
  - [International Association of Identification](#)
  - [Federal Bureau of Investigation](#)
  - [Association of Firearm and Tool Mark Examiners](#)
- [Cyber Security Awareness Month](#)
- [Rape Survivor Unexpectedly Meets the Woman who sent her Attacker to Jail](#)
- [National Chemistry Week](#)
- [St. Petersburg Science Festival](#)

## **September 2016**

- [Police cloned a Michigan murder victim's fingerprint that unlocked his phone](#)
- [Gathering information from smartphones in crime investigations](#)
- [Forensic Science Center receives National Institute of Justice research grant](#)
- [Crime Scene Investigation Guide](#)

## **July/August 2016**

- [NFSTC Media Production Services](#)
- [Researchers study the use of e-cigarettes for illicit drugs](#)
- [National Forensic Science Week](#)

## **June 2016**

- [Project VIC](#)
- [FARO](#)
- [Rapid DNA used to catch poachers](#)
- [NFSTC ROTC Biometric and Forensic Internship](#)
- [Fauxrensics Friday](#)

## **May 2016**

- [AAFS Career Page](#)
- [Alakai Defense Systems](#)
- [SOFIC 2016](#)
- [Touch DNA forensic technology used to nap gas station skimmer crook](#)
- [NFSTC ROTC Biometric and Forensic Internship](#)
- [Fauxrensics Friday](#)

## **April 2016**

- [ASCLD Meeting](#)
- [New forensic method to lift and analyze lipstick traces developed](#)
- [Printing technique for mummified remains](#)
- [Bento Lab](#)
- [SOFIC 2016](#)
- [Fauxrensics Friday](#)

## **March 2016**

- [Professor designs explosives detector to rival dog nose](#)
- [Footwear forensics device could catch criminals who put a foot wrong](#)
- [Fingerprint brushes could transfer touch DNA, study says](#)
- [Science gives clues to “The Bedroom” as van Gogh painted it](#)
- [Fauxrensics Friday](#)

## **February 2016**

- [Vietnam War DNA sequencing project](#)

- [Familial DNA](#)
- [Drug testing gloves](#)
- [Forensic analysis of automotive paint](#)

## January 2016

- [Schedule a DNA audit with our team](#)
- [Four new elements added to periodic table](#)
- [Ancient fingerprints](#)
- [Circadian rhythm and death](#)

## December 2015

- [Doping in sport: new saliva tests will make it easier to catch cheats](#)
- [NYPD's new phones will be on-the-go crime lab](#)

## November 2015

- [Retrieving fingerprints from elephant tusks](#)
- [Steaming out some of luminol's wrinkles](#)
- [NFSTC DNA bio-screening white paper](#)
- [NFSTC joins JANUS Research Group to support Army Expeditionary Forces](#)

## October 2015

- [NFSTC seeks forensic science and intelligence experts](#)
- [NFSTC 20th anniversary video](#)

## September 2015

- [New method could help estimate time of death for a ten day old corpse](#)
- [Determining the age of a fingerprint](#)
- [Foldable spectrometer](#)
- [Huntington Police Department and Marshall University team up to solve sexual assault crimes](#)
- [OSAC monthly newsletter](#)

## August 2015

- [CBRNE TechIndex](#)
- [NFSTC position on untested sexual assault kits \(August 2015\)](#)

## July 2015

- [Raman spectrometry for wound healing](#)

- [Sarasota detectives pull fingerprint from photograph](#)
- [Quick DNA Extraction](#)

## June 2015

- [Adopt a HERORat from Apopo](#)
- [Dr. Merck's website](#)
- [Full interview with Dr. Merck](#)
- [Criminals beware in forensics new fingerprint may be your microbiome](#)
- [Bacteria on shoes could help forensic teams catch suspects](#)
- [2015 ROTC Biometric and Forensics Internship](#)

## May 2015

- [BMC develops protocol for preserving forensic evidence after a terrorist attack](#)
- [Virginia's DNA Data Bank tallies 10,000th hit](#)
- [US military to exhume Pearl Harbor attack remains to identify troops](#)
- [NFSTC 2015 SOFIC page](#)

## April 2015

- [International gang members taken down with new imaging system technology](#)
- [Bomb sniffing elephants](#)
- [Make a donation to NFSTC's STEM education efforts.](#)

## March 2015

- [GE Labs developing explosive detecting sticker inspired by butterflies](#)
- [3D-printed, handheld spectrometer being developed at UCF](#)
- [New technique to recover destroyed serial numbers from metal objects](#)
- [NFSTC raising funds for ROTC training](#)

## February 2015

- [NFSTC selected as training provider for the US Navy](#)
- [Swager Labs at MIT advance chemical detection via color-changing thin film.](#)
- [USF develops DNA test called GrouperChek for fish identification](#)
- [Grad student launches comic book to explain her work with quasi-crystals](#)