

<u>Name of Podcast</u>	<u>Episode Title</u>	<u>Date</u>
Just Science	Embracing Imperfection in Forensic Science	06/23/23
	Note: a discussion on human factors that impact forensic DNA interpretation – including undue influence, employee wellness, and human error; discussion on the NIST Justice Expert Working Group on Human Factors in forensic DNA interpretation	
On the Merits	Facial Recognition Tech: Are Total Bans the Best Move?	05/16/23
Just Science	Workplace Stress and Its Impact on Decision-Making in Forensics	05/12/23
Just Science	DNA Searches in CODIS	04/21/23
CSI On Trial	Light At The End Of The Tunnel	04/17/23
	Note: The future of forensics in criminal defense	
CSI On Trial	Arson Investigations	04/10/23
Just Science	DNA Evidence in Sexual Assault Cases	04/06/23
CSI On Trial	Shaken Baby Syndrome	04/03/23
Double Loop Podcast	NIST Latent Accuracy	04/02/23
	Note: Fingerprints	
CSI On Trial	Footwear Analysis	03/27/23
CSI On Trial	Bloodstain Pattern Analysis	03/20/23
Just Science	Just Certification for Death Investigations	03/17/23
Public Defenseless	There is no Public Defense Without Investigators w/Jon Lyon	03/14/23
CSI On Trial	Firearms Analysis	03/13/23
Trial Lawyers College Podcast	Challenges for Women in Law with Ginger Ortiz	03/13/23
CSI On Trial	Bitemarks	03/06/23

CSI On Trial	The Flaws of Forensic Science	03/04/23
	Note: a discussion of the CSI Effect and the impact of the CSI television shows on the judicial system and the history of the use of forensic science and the rise of junk science	
Admissible: Shreds of Evidence	Politics and Science (Episode 5)	02/28/23
	Note: Episode 5 of a documentary about the investigation into the Virginia State Crime Lab – falsifying results, skipping tests, and ignoring scientific protocols	
Just Science	DNA Results in Rapid Time	02/02/23
	Note: a discussion about the pros and cons of the growing use of Rapid DNA testing	
Just Science	Autopsy Results and Crime Scene Reconstruction	11/25/22
	Note: the use of preliminary autopsy results and death/crime scene investigations	
Crime Scene Queens	The DNA magic of the M-VAC with Jared Bradley	11/20/22
	Note: a discussion about the development and current use of the M-VAC in evidence collection with a specific discussion on how it is revolutionizing DNA collection from crime scenes	
Just Science	Using Forensic Art and Anthropology for Identification	09/30/22
Just Science	Identifying Decedents Through Postmortem Prints	09/16/22
Crime Scene Queens	Swabbing For Info On DNA	08/28/22
Just Science	Solving Cold Cases With Forensic Genetic Genealogy	08/26/22
Just Science	Forensic Archaeology and Body Dump Sites	08/19/22
Public Defenseless	Junk Science and the Makings of a Wrongful Conviction with Chris Fabricant	06/15/22
Just Science	The Components of Forensic Biology of DNA	06/02/22
Double Loop Podcast	Errors and CVs and Disclosure	03/30/22
	Note: a discussion about lab errors, quality control procedures, disclosure of errors and error rates re fingerprint analysts	

Short Wave	Vacuuming DNA Out of the Air	02/21/22
	Note: a discussion about capturing animal “environmental DNA” that does not come directly from the source	
Short Wave	The Good and the Bad of TV Forensics	02/17/22
Just Science	Supporting Evidence Collection in Sexual Assault Cases	01/07/22
Double Loop Podcast	Blind Proficiency Testing (Fingerprints) Paper	11/30/21
Double Loop Podcast	Todd Weller Returns to Discuss [Fingerprint] Inconclusives	10/20/21
Criminal (In)justice	Flawed Forensics	06/14/21
	Note: a conversation with Law Professor Brandon Garrett about his new book “Autopsy of a Crime Lab: Exposing the Flaws in Forensics”	
Just Science	Just The Impression and Pattern/Trace Evidence Portfolio – from the National Institute of Justice (NIJ)	06/11/21
Just Science	Just Seized Drugs and Toxicology Portfolio – from the National Institute of Justice (NIJ)	06/03/21
JustPod	Forensic Evidence in the Courtroom	05/07/21
Double Loop Podcast	Palm Print Black Box Study	02/26/21
	Note: a discussion about the paper “Testing the Accuracy and Reliability of Palmar Friction Ridge Comparisons”	
Short Wave	Why Tech Companies Are Limiting Police Use of Facial Recognition	02/17/21
	Note: a discussion on algorithm bias and faulty statistical models	
Just Science	The Importance of Identifying Emerging Drug Threats	02/05/21
	Note: a discussion about the analytical and interpretive challenges associated with emerging drug threats – new psychoactive substances	
Double Loop Podcast	GYRO Accuracy Paper	02/15/21

Double Loop Podcast	Differing Conclusions Article	01/05/21
	Note: article exploring why latent fingerprint examiners differ in their conclusions	
Just Science	Identifying Fingerprints Through Photographs	12/11/20
Just Science	Fingerprints And Lasers	11/27/20
Wrongful Conviction: Junk Science	Shaken Baby Syndrome	11/17/20
Just Science	The Story Behind Bloodstain Pattern Analysis	11/13/20
Wrongful Conviction: Junk Science	Eyewitness Testimony	11/10/20
Wrongful Conviction: Junk Science	Roadside Drug Test Evidence	10/27/20
Double Loop Podcast	Fingerprint Error Rate in Close Non-Matches	10/27/20
Wrongful Conviction: Junk Science	Coerced Confession Evidence	10/20/20
Wrongful Conviction: Junk Science	Tool Mark Analysis	10/13/20
Wrongful Conviction: Junk Science	Gunshot Residue Evidence	10/06/20
Just Science	Forensic Genetic Genealogy and GEDmatch: Verogen's Approach	09/25/20
	Note: a discussion of the Verogen company (a spin-off of the Illumina Corporation and forensic genomic technology)	
Double Loop Podcast	Knuckle-Crease Daubert Hearing	09/15/20
	Note: discussion about non-fingerprint friction ridge evaluations; knuckles and elbows and palms; evaluations of fingerprint or other ridge examinations from photographs	
Wrongful Conviction: Junk Science	Fingerprint Evidence	09/08/20
Twenty Thousand Hertz	Deepfakes Dallas	09/02/20

Note: a discussion about deepfakes as it impacts fake audio to mimic someone's voice

Wrongful Conviction: Junk Science	Footwear Comparison Evidence	09/01/20
Just Science	Just Deepfakes – Digital Evidence	08/27/20
Wrongful Conviction: Junk Science	Hair Microscopy Evidence	08/24/20
Just Science	NIST's Digital Forensics Black Box Study	08/20/20
Wrongful Conviction: Junk Science	Arson Evidence	08/16/20
Just Science	Just Digital Evidence 101	08/13/20
Wrongful Conviction: Junk Science	Bloodstain Pattern Evidence	08/09/20
Sworn	Interrogations and False Confessions	08/04/20
Wrongful Conviction: Junk Science	Bite Marks	08/02/20
Just Science	Just Digital Evidence in the Courts of Appeal	07/30/20
Sworn	Bite Marks	07/28/20
Just Science	Just A Public Defender's Perspective	07/23/20
Note: a discussion on digital evidence		
Sworn	Polygraphs and Scent Dogs	07/21/20
Just Science	Just the Evolution of Digital Evidence	07/15/20
Sworn	Eyewitness Testimony	07/14/20
Voir Dire	Big Data Policing with Andrew Ferguson	07/09/20
Short Wave	Tech Companies are Limiting Police Use of Facial Recognition. Here's Why.	06/22/20
Double Loop Podcast	Forensics in the New Normal	06/15/20

Double Loop Podcast	Aging Latent Prints - Fingerprints	06/10/20
Just Science	Just Mitochondrial DNA	05/08/20
Just Science	Just a Statistical Approach to Glass Evidence	05/01/20
Blindspot	Digital Image Authentication of Screen Shot Evidence In Criminal Defense	04/23/20
Double Loop Podcast	Blind QC Research at HFSC - Fingerprints	04/19/20
	Note: a discussion of an article called "Implementation of a Blind Quality Control Program in a Forensic Laboratory"	
Just Science	Just Quick Screening Methods for Firearm Discharge Residues	04/10/20
Justice in America	Junk Forensic Science	04/08/20
Just Science	Just Another Method for Detecting Fentanyl	03/19/20
	Note: a discussion re the detection and quantitation of fentanyl mixtures by Surface Enhanced Raman Spectroscopy and Chemometrics	
Most Notorious! A True Crime History Podcast	The "American Sherlock Holmes" & Father of Forensic Science, Dr. Edward Oscar Heinrich	03/04/20
The Appeal	Reexamining the Science of Shaken Baby Syndrome	01/23/20
Double Loop Podcast	Friction Ridge Process Map – Fingerprints	12/08/19
Science Vs.	Police Shootings: The Data and Damage Done	11/21/19
The Pulse	Science of Policing	11/14/19
Double Loop Podcast	OSAC FRS Standards for Conclusions – Fingerprints	10/24/19
	Note: a discussion about the 2018 proposed OSAC friction ridge subcommittee standards for conclusion and the use of these terms in a jury trial	
StarTalk Radio	Solving Crimes with Science	09/20/19
	Note: a light discussion about the science of pathology and its evolution and discussions with forensic pathologist Dr. Rebecca Folkerth, MD and neuroscientist Dr. Andrew Newberg	

Double Loop Podcast	FBI Persistency Paper – Fingerprints	09/15/19
	Note: a discussion about an article called “The permanence of friction ridge skin and persistence of friction ridge skin and impressions”	
Science Friday	How AI is Influencing Decisions in Police Departments and Courtrooms	09/13/19
Double Loop Podcast	Gaze Detection Article – Fingerprints	07/25/19
	Note: a discussion about gaze behavior and cognitive states during fingerprint target group localization	
Just Science	Just Imaging Flow Cytometry	07/22/19
	Note: a discussion on how autofluorescence data and cellular properties are being used to analyze samples without destroying the evidence; differentiate between cell types, estimate cell age, and identify contributors in a sample	
The Economist	The Secret History of the Future: Unreliable Evidence	07/16/19
	Note: a discussion on the fallibility of fingerprint evidence and DNA evidence	
Just Science	Just Raman Spectroscopy and GSR	07/04/19
	Note: a discussion on selective spectroscopic techniques, how Raman Spectroscopy works and the impact it will have on gunshot residue analysis	
Just Science	Just Putrid Databases	06/25/19
	Note: a discussion on the Body Farm database and its potential impact on post-mortem interval estimation and understanding of human decomposition	
Just Science	Just Headspace Solid Phase Microextraction	06/20/19
	Note: a discussion on a method for identifying controlled substances using headspace solid phase microextraction and GC/MS	
Crazy/Genius	Should We Be Afraid of AI in the Criminal Justice System?	06/20/19
	Note: problems with algorithms/risk assessments and “dirty data”	

Just Science	Just Screening Blood and Urine	06/13/19
Legal Talk Network	The Kennedy-Mighell Report: Deep Fakes: Preparing Lawyers to Combat Counterfeits	06/07/19
Just Science	Just Detecting Gunshot Residue	06/06/19
Just Science	Just RNA and Bloodstains	05/29/19
	Note: a discussion about RNA and a method to estimate the age of bloodstains using quantitative PCR and the role of RNA is body fluid identification	
Sleepwalkers	Poker Face	05/22/19
	Note: a discussion on facial recognition technology, Bio-medical scans, and the use and abuse of AI technology	
Just Science	Just Fundamental Mechanics and Infant Skull Fractures	05/21/19
Just Science	Just Skin Deep	05/14/19
	Note: a discussion of the use of alternative light sources for the detection of cutaneous bruising	
The JustPod	Forensic Evidence in the Courtroom	05/07/21
Criminal (In)Justice	ALPR Revisited	05/05/19
	Note: Update on problem with Automatic License Plate Readers, large database/surveillance, the high error rate of 10% and mistakes	
Science Vs.	DNA Kits: Can You Trust Them?	04/11/19
The Appeal	The Risks of Risk Assessment	04/04/19
Legal Talk Network	Digital Detectives: Digital Forensics on Mobile Devices	03/28/19
Just Science	Just Forensic Microanthropology	03/22/19
	Note: a discussion of bone identification	
Got Science?	It's Just Code. How Can It Be Biased?	03/12/19
Just Science	Just Drawing Knowledge from a Forensic Artist	02/11/19

Just Science	Just the Sole of Impression Pattern	02/04/19
	Note: a discussion of pattern and impression evidence	
Double Loop Podcast	Fingerprints for Investigative Leads	01/28/19
	Note: includes a discussion about ANAB AR31257.8.1.2.2	
The Appeal	The Pseudoscience Behind Forensic Science	11/29/18
Legal Talk Network	The Kennedy-Mighell Report: Illuminating the Dark Web	11/16/18
Double Loop Podcast	IAI Recertification Test – Fingerprints	10/09/18
	Note: a discussion of the controversial new recertification test designed by IAI	
Double Loop Podcast	IDEMIA Case AFIS – Fingerprints	09/28/18
	Note: a discussion about IDEMIA's new product; scanning standard or non-standard cards and database searches	
Just Science	Just Genetic Marker Linkages	09/10/18
	Note: a discussion of the possibilities of linkages between CODIS markers and SNP genotype matches for identification; DNA	
Just Science	Just Portable Mass Spectrometer Possibilities	09/03/18
	Note: a discussion of the impacts of adopting drug screening protocols using portable mass spectrometers in the field	
Just Science	Just Skin Microbiomes as Evidence	08/20/18
	Note: a discussion on the use of microbiome trace evidence samples used to narrow pools of suspects even when multiple people have touched a surface; trace evidence	
Just Science	Just Microhaps Perhaps	08/13/18
	Note: a discussion on the advent of parallel sequencing and how microhaplotypes have become a new type of DNA marker	

Just Science	Just Speak into the Microbe-phone	08/06/18
	Note: a discussion of microbiome profiling	
Science Friday	Facial Recognition	08/03/18
	Note: a discussion on facial recognition software, implicit bias, and problems with this expanding technology	
Criminal (In)Justice	SCOTUS Rules on Cell Site Location Evidence	06/28/18
	Note: commentary on the Carpenter v. U.S. decision	
Double Loop Podcast	Categorical vs. Probabilistic - Fingerprints	05/17/18
	Note: a discussion including the question, should we say "identification" or should we express the same conclusion in a probabilistic manner?	
Just Science	Just Liver Die	05/15/18
	Note: a discussion of post-mortem work on liver tissue and its enzymes	
Twenty Thousand Hertz	Ultrasonic Tracking	05/14/18
	Note: a discussion on retail, advertiser and government tracking using ultrasonic sound and the microphone on your phone or device – privacy issues	
Double Loop Podcast	Vos PCAST Article – Expert Witnesses	04/15/18
	Note: a discussion on an article called "Using the PCAST Report to Exclude, Limit or Minimize Experts"	
Double Loop Podcast	Koehler Error Rate Article - Fingerprints	04/06/18
	Note: a discussion on article called "Intuitive Error Rate Estimates for the Forensic Sciences"	
Just Science	Just Handwriting Statistics	03/26/18
Just Science	Just Consecutively Manufactured Toolmarks	03/19/18
Just Science	Just Footwear Size	03/12/18

Just Science	Just Shoeprint Statistics	02/26/18
Just Science	Just Fracture Matches	02/12/18
	Note: a discussion on fracture mechanics principles	
The Brian Lehrer Show	Getting Algorithms Right	01/02/18
Just Science	Just So You Know: Rapid DNA Technology	11/20/17
Planet Money	Your Cell Phone's a Snitch	11/07/17
Double Loop Podcast	ANAB Accreditation – Fingerprints	10/05/17
	Note: a discussion about the merger of ASCLD-LAB and ANAB and lab accreditation issues	
99% Invisible	The Age of the Algorithm	09/05/17
Just Science	Just Gunshot Acoustics Research	07/31/17
Radiolab	Breaking News (Fake News)	07/27/17
	Note: audio and video manipulation, fake news based on fake audio, video and photos	
Sparks: What's the Point	DNA Evidence	07/27/17
Just Science	Just PMI Estimation Research	07/24/17
	Note: discussion of PMI estimation research – estimation of time of death and statistical analysis software	
Note to Self	Your Mailman is a Drug Dealer He Just Doesn't Know it.	07/18/17
	Note: the Dark Web, drugs, tech and surveillance	
Just Science	Just Bath Salts	07/17/17
	Note: discussion of synthetic cathinones capable of producing a variety of psychostimulant effects and chromatographic-based testing and validation methods	
Criminal (In)justice	Rethinking DNA Evidence	07/03/17
	Note: DNA software, the FBI and DNA analysis, TrueAllele algorithms, probabilistic genotyping, SWIGDAM guidelines; Cybergenetics;	

software source code v. executable/testable code,
trade secrets and validation studies;
DNA data interpretation

Hidden Brain	Losing Face	07/03/17
	Note: facial recognition and identification	
Just Science	Just Hairy Isotopes	06/26/17
	Note: discussion of hair analysis	
Just Science	Just Blood Spatter	06/19/17
Note to Self	What Sen. Wyden Does When He's Not Questioning Comey or Sessions	06/13/17
	Note: government hacking, email surveillance, Border device searches and cybersecurity	
Twenty Thousand Hertz	Forensic Audio	06/13/17
Criminal (In)justice	License Plates as Mass Surveillance Tools?	06/12/17
	Note: automatic license plate readers and data storage, usage and access	
Just Science	Just Dry Bones	06/05/17
	Note: discussion of 2 methods to analyze bones – Bioelectrical impedance analysis (BIA) and Total Body Desiccation	
Criminal (In)justice	Forensic Science is No "Science" At All	06/05/17
	Note: fingerprint mistakes, the FBI and reforms	
Just Science	Just DNA Mixture Interpretation	05/22/17
	Note: discussion includes CEESIt (Computational Evaluation of Evidentiary Signal) and NOCI (Number of Contributors) tools	
Criminal (In)justice	Weaponized Flying Robocops are Watching You	05/22/17
	Note: drones, drones and more drones	

Double Loop Podcast	FBI's New Approach – Fingerprints	05/15/17
	Note: a discussion about the FBI's decision to utilize the inconclusive decision even when better exemplars are not needed	
Just Science	Just 3D Optical Topography	05/08/17
Criminal (In)justice	Police Can Tap Your Cell Phone, and They Don't Need Anyone's Permission	05/02/17
	Note: Stingrays and surveillance	
Just Science	Just Human Factors	04/30/17
	Note: discussion of human factors relating to fingerprint analysis and interpretation and the dangers of performing large database searches	
Sparks: What's the Point	Internet Tracking	03/23/17
Note to Self	The Government Secrets Worth Leaking Or Keeping	03/07/17
	Note: the CIA and access to your phone data	
Note to Self	What Your Phone Knows	02/11/17
	Note: Apps and tracking data	
Criminal (In)justice	Facing the Danger of Facial Recognition	02/07/17
Double Loop Podcast	PCAST Report – Review	12/27/16
Kineticcorp's Forensic Science	The Admissibility of Virtual Reality	12/01/16
Sparks: What's the Point	When the Algorithm Decides: Weapons of "Math" Destruction	10/23/16
Science Vs.	DNA and the Smell of Death	10/20/16
Criminal (In)justice	The Truth About False Confessions	10/17/16
Adam Ruins Everything	Bad Forensic Science with Chris Fabricant	10/12/16
Criminal (In)justice	Bonus: Eroding Faith in Police Body Cameras	10/07/16

Science Vs.	Forensic Science	10/06/16
	Note: discussion on time of death calculation bitemarks, fingerprints and hair evidence	
Security – Software Engineering Daily	Electronic Frontier Foundation with Nate Cardozo	09/18/16
	Note: privacy, the NSA and government surveillance, data collection, stingrays, government malware, FBI hacking, and the mission of the EFF	
Criminal (In)justice	Bonus: Body Cams and the Law of Unanticipated Consequences	09/16/16
Radiolab	Update: Eye in the Sky	09/12/16
Note to Self	The One Thing You Can Actually Do to Fight Surveillance	08/09/16
Note to Self	Is My Phone Listening in on Me?	08/02/16
Double Loop Podcast	Weight of Evidence – Quantifying the Weight of Forensic Evidence	07/04/16
Double Loop Podcast	Fingerprints – Universal Language for Testimony and Reports	06/13/16
Note to Self	The Eye in the Sky	04/26/16
	Note: government surveillance and tracking	
Criminal (In)justice	The Promise and Perils of Police Body Cams	03/28/16
Radiolab	Darkode	09/21/15
	Note: Cybercrime and hackers	
Blindspot	Audio Enhancement – Equalization for Dialog Enhancement	07/01/15
Note to Self	When Your Conspiracy Theory is True	06/08/15
	Note: How we found out about Stingray Tracking and Cell Phone tower triangulation	
Radiolab	Eye in the Sky	06/18/15

Blindspot	Audio Enhancement – Compression	05/28/15
Blindspot	How to Make Digital Audio Evidence	02/12/15
Blindspot	How to Authenticate Digital Audio Evidence	11/14/14
Blindspot	How to Recover Digital Media Evidence	11/07/14
Blindspot	Importance of the Chain of Custody for Digital Media Evidence	10/17/14
Blindspot	How to Perform a Voice Identification	09/29/14
NOVA PBS	Surveillance City	04/17/14
The Criminal Docket	Stingrays, Pings and Triangulation	09/12/13
NOVA PBS	Zeroing in on Surveillance Video	06/13/13

Note: surveillance compression technology

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