

# JOURNAL OF FORENSIC SCIENCES

## 2024 Noteworthy Articles

### Anthropology

**The over-citation of *Daubert* in forensic anthropology**  
Kate M. Lesciotta JD, PhD, Angi M. Christensen PhD

### Criminalistics

**Review of SNP assays for disaster victim identification: Cost, time, and performance information for decision-makers**  
Katherine Butler Gettings PhD, Andreas Tillmar PhD, Kimberly Sturk-Andreaggi PhD, Charla Marshall PhD

**The relevance of current forensic firearms examination techniques when applied to 3D printed firearms**  
Zara Ellen Wenzinger MS, Stephanie Wetzel PhD, Benjamin Bernarding MS, John Viator PhD, Brian Kohlhepp, Pamela Marshall PhD

**Analysis of unknown (unlabeled/mislabeled) drug products for active pharmaceutical ingredients and related substances by an international mail facility satellite laboratory equipped with rapid screening devices**  
Adam Lanzarotta PhD, Sara Kern PhD, JaCinta Batson MS, Melissa Collins PhD, Anvi Patel MS, Muhammad Altaf PhD, Julio Arrecis PhD, Brian Boyd BS, Fernando Gonzalez Illan PhD, Kelsey M. Griffin BS, Gregory Howe BS, Morgan Hudson-Davis BS, Martin Kimani PhD, Donna LaGarde BS, David Laguerre MS, Mark Loh BS, Lisa Lorenz BS, Flavia Morales-Garcia PhD, Megan E. Sterling BS, Allison M. Reimer BS, Michael Thatcher BS, Anthony E. Wetherby Jr. PhD

### Digital & Multimedia Sciences

**A template for creating and sharing ground truth data in digital forensics**  
Graeme Horsman PhD

### Engineering & Applied Sciences

**Injury comparisons between paired drivers and front-seat passengers in frontal collisions using publicly available crash and injury data**  
Shannon G. Kroeker PhD, Gunter P. Siegmund PhD

### General

**An evaluation of the cannabinoid content of the liquid and thermal degradation analysis of cannabis-labeled vape liquids**  
Sara Moreno MSFS, Ashley Trouten-Ebert PhD, Lauren L. Richards-Waugh PhD, Rosalynn Quiñones PhD

### Jurisprudence

**Forensic advisers working for all district courts and courts of appeal in the Netherlands: An overview and discussion**  
Jaimy Meeuwissen MSc, Rosanne de Roo MSc, Jeltje Kruithof-van Esch MSc, Suzanne van der Heijden MSc, Michelle Claushuis MSc, Laura van Blijswijk-Kieftenbeld MSc, Wanda Remijn MSc



### Odontology

**OPG-based dental age estimation using a data-technical exploration of deep learning techniques**  
Barkin Büyükçakır MSc, Jeroen Bertels PhD, Peter Claes PhD, Dirk Vandermeulen PhD, Jannick de Tobel PhD, Patrick W. Thevissen PhD

### Pathology/Biology

**From intimate partners to serial killers: Nearly 40 years of female homicides in King County, Washington (1978–2016)**  
Jillian Jetson MPH, Heather Maioli MD, Richard C. Harruff MD, PhD, Nicole R. Jackson MD, MPH

### Psychiatry & Behavioral Science

**Pathway to terrorist behaviors: The role of childhood experiences, personality traits, and ideological motivations in a sample of Iraqi prisoners**  
Sean D. Cleary PhD, Philip J. Candilis MD, Saleh Dhumad MSc, Allen R. Dyer PhD, Najat Khalifa MD

### Questioned Documents

**How signature complexity affects expert and lay ability to distinguish genuine, disguised and simulated signatures**  
Nicholas Scurich PhD, Miriam Angel MS, Hal Stern PhD, William C. Thompson JD, PhD

### Toxicology

**Is it really possible to kill with insulin without leaving traces? From lifesaver to killer, the issues surrounding the analytical characterization of postmortem insulin illustrated by an exemplary case**  
Nadia Arbouche PhD, Audrey Farrugia PhD, Laurie Gheddar PhD, Alice Ameline PhD, Adeline Blanchot MD, Jean-Sébastien Raul PhD, Pascal Kintz PhD