

## FORENSIC SCIENCE RESEARCH DIGEST

Volume 1, Issue 4, May 2017

### INTRODUCTION

Following a number of requests from recipients for a direct link to the digest, I am in the process of creating a web-page on the ChemCentre web-site ([www.chemcentre.wa.gov.au](http://www.chemcentre.wa.gov.au)) for you to directly link to. I am hopeful that this will be active when the next issue of the digest is published and I will notify you accordingly. Please also continue providing me with feedback that enhances the value of this publication.

DR JOHN COUMBAROS

MANAGER – STRATEGY, RESEARCH & DEVELOPMENT



**Clan Lab Remediation**

Assured testing services for the cleanup of drug contaminated properties

## Table of Contents

Illicit Drugs – Detection and Analysis.....	3
Illicit Drugs – Policy .....	4
Forensic Toxicology.....	4
Trace/Physical Evidence.....	8
Forensic Biology .....	9
Racing Chemistry .....	9
Sports Doping.....	10
Document Examination .....	10
Impression Evidence .....	11
Ballistics.....	11
Crime Scene .....	12
Blood Pattern Analysis.....	12
Forensic Entomology .....	12
Wildlife Forensics.....	12
Forensic Odontology.....	13
Forensic Pathology.....	13
Forensic Anthropology.....	15
Forensic Psychiatry and Psychology .....	17
Fire Investigation .....	18
Forensic Engineering.....	18
Digital Forensics and Cybercrime.....	18
Biometrics .....	18
Statistics .....	19
CBRN .....	19
Cognitive Bias.....	19
Criminology.....	20
Law .....	21
Policing.....	23
Other/General.....	25

## Illicit Drugs – Detection and Analysis

- Analysis of synthetic phenethylamine street drugs using direct sample analysis coupled to accurate mass time of flight mass spectrometry, McGonigal et al., *Forensic Science International*, <https://doi.org/10.1016/j.forsciint.2017.02.025>.
- Analytical characterization of three cathinone derivatives, 4-MPD, 4 F-PHP and bk-EPDP, purchased as bulk powder from online vendors, Apirakkan et al., *Drug Testing and Analysis*, <https://dx.doi.org/10.1002/dta.2218>.
- Brephedrone: A new psychoactive substance seized in Brazil, Machado et al., *Forensic Science International*, <https://doi.org/10.1016/j.forsciint.2017.04.007>.
- Consumption Patterns of Nightlife Attendees in Munich: A Latent-Class Analysis, Hannemann et al., *Substance Use & Misuse*, <http://dx.doi.org/10.1080/10826084.2017.1290115>.
- Differentiation of the six dimethoxypropylvalerone regioisomers: GC-MS, GC-MS/MS and GC-IR, Abiedalla et al., *Talanta*, <https://doi.org/10.1016/j.talanta.2017.04.067>.
- Drug residues in syringes and other injecting paraphernalia in Hungary, Peterfi et al., *Drug Testing and Analysis*, <https://dx.doi.org/10.1002/dta.2217>.
- Home Manufacture of Drugs: An Online Investigation and a Toxicological Reality Check of Online Discussions on Drug Chemistry, Hearne et al., *Journal of Psychoactive Drugs*, <http://dx.doi.org/10.1080/02791072.2017.1320735>.
- Identification of five pyrrolidinyl substituted cathinones and the collision-induced dissociation of electrospray-generated pyrrolidinyl substituted cathinones, Qian et al., *Drug Testing and Analysis*, <https://dx.doi.org/10.1002/dta.2035>.
- In-transition culture of experimentation with cannabis in Latin American college students: A new role within a potential drug use sequencing pattern, Castaldelli-Maia et al., *Drug and Alcohol Review*, <https://dx.doi.org/10.1111/dar.12556>.
- Purity and adulteration in cocaine seizures and drug market inspection in Galicia (Spain) across an eight-year period, Nunez et al., *Drug Testing and Analysis*, <https://dx.doi.org/10.1002/dta.2216>.
- Quantification of synthetic cannabinoids in herbal smoking blends using NMR, Dunne & Rosengren-Holmberg, *Drug Testing and Analysis*, <https://dx.doi.org/10.1002/dta.2032>.
- Quantitative analysis of opioids and cannabinoids in wastewater samples, Jacox et al., *Forensic Science Research*, <http://www.tandfonline.com/doi/full/10.1080/20961790.2016.1270812>.
- Raman spectroscopy for the characterization of different fractions of hemp essential oil extracted at 130 °C using steam distillation method, Hanif et al., *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, <https://doi.org/10.1016/j.saa.2017.03.072>.
- Syntheses, analytical and pharmacological characterizations of the “legal high” 4-[1-(3-methoxyphenyl)cyclohexyl]morpholine (3-MeO-PCMo) and analogues, Colestock et al., *Drug Testing and Analysis*, <https://dx.doi.org/10.1002/dta.2213>.
- Total Synthesis of (-)-Morphine, Umihara et al., *Chemistry*, <https://dx.doi.org/10.1002/chem.201701438>.

## Illicit Drugs – Policy

- Cannabis decriminalization and the age of onset of cannabis use, Cervený et al., International Journal of Drug Policy, <https://doi.org/10.1016/j.drugpo.2017.02.014>.
- Consumer use and understanding of labelling information on edible marijuana products sold for recreational use in the states of Colorado and Washington, Kosa et al., International Journal of Drug Policy, <https://doi.org/10.1016/j.drugpo.2017.01.006>.
- How four U.S. states are regulating recreational marijuana edibles, Gourdet et al., International Journal of Drug Policy, <https://doi.org/10.1016/j.drugpo.2017.01.018>.
- Marijuana legalization in practice: Science-based meeting, Knopf, Alcoholism & Drug Abuse Weekly, <https://dx.doi.org/10.1002/adaw.30965>.
- Motivations for new psychoactive substance use among regular psychostimulant users in Australia, Sutherland et al., International Journal of Drug Policy, <https://doi.org/10.1016/j.drugpo.2016.12.021>.
- Predictors of illicit drug use among a national sample of adolescents, Vidourek et al., Journal of Substance Use, <http://dx.doi.org/10.1080/14659891.2017.1316782>.
- Regulating Cannabis Social Clubs: A comparative analysis of legal and self-regulatory practices in Spain, Belgium and Uruguay, Decorte et al., International Journal of Drug Policy, <https://doi.org/10.1016/j.drugpo.2016.12.020>.
- The Cannabis Information Helpline: Assessing Interest in the Medicinal Use of Cannabis in Australia, Gates & Albertella, Substance Use & Misuse, <http://dx.doi.org/10.1080/10826084.2017.1298616>.
- The impact of Australian legislative changes on synthetic cannabinoid exposures reported to the New South Wales Poisons Information Centre, Cairns et al., International Journal of Drug Policy, <https://doi.org/10.1016/j.drugpo.2017.02.008>.

## Forensic Toxicology

- 25C-NBOMe and 25I-NBOMe metabolite studies in human hepatocytes, in vivo mouse and human urine with high-resolution mass spectrometry, Wohlfarth et al., Drug Testing and Analysis, <https://dx.doi.org/10.1002/dta.2044>.
- A highly sensitive method for the simultaneous UHPLC–MS/MS analysis of clonidine, morphine, midazolam and their metabolites in blood plasma using HFIP as the eluent additive, Veigure et al., Journal of Chromatography B, <https://doi.org/10.1016/j.jchromb.2017.03.007>.
- Adverse effects of levamisole in cocaine users: a review and risk assessment, Brunt et al, Archives of Toxicology, <https://dx.doi.org/10.1007/s00204-017-1947-4>.
- Alcohol-related serious road traffic injuries between 2000 and 2010: A new perspective to deal with administrative data in Australia, Ferris et al., International Journal of Drug Policy, <https://doi.org/10.1016/j.drugpo.2017.02.015>.
- Analytical characterization of three cathinone derivatives, 4-MPD, 4 F-PHP and bk-EPDP, purchased as bulk powder from online vendors, Apirakkan et al., Drug Testing and Analysis, <https://dx.doi.org/10.1002/dta.2218>.

- Assessing self-reported use of new psychoactive substances: The impact of gate questions, Palamar et al., The American Journal of Drug and Alcohol Abuse, <http://www.tandfonline.com/doi/full/10.1080/00952990.2017.1322094>.
- Bad trip due to 25I-NBOMe: a case report from the EU project SPICE II plus, Hermanns-Calusen et al., Clinical Toxicology, <http://dx.doi.org/10.1080/15563650.2017.1319572>.
- Benzonatate Toxicity: Nothing to Cough At, Bishop-Freeman et al., Journal of Analytical Toxicology, <https://doi.org/10.1093/jat/bkx021>.
- Biomarkers of mercury toxicity: Past, present, and future trends, Branco et al., Journal of Toxicology and Environmental Health, Part B, <http://dx.doi.org/10.1080/10937404.2017.1289834>.
- Carbon monoxide-related fatalities: A 60-year single institution experience, Janik et al., Journal of Forensic and Legal Medicine, <https://doi.org/10.1016/j.jflm.2017.04.002>.
- Characterization of the hepatic cytochrome P450 enzymes involved in the metabolism of 25I-NBOMe and 25I-NBOH, Nielsen et al., Drug Testing and Analysis, <https://dx.doi.org/10.1002/dta.2031>.
- Desomorphine Screening Using Commercial Enzyme-Linked Immunosorbent Assays, Winborn & Kerrigan, Journal of Analytical Toxicology, <https://doi.org/10.1093/jat/bkx024>.
- Determination of 21 drugs in oral fluid using fully automated supported liquid extraction and UHPLC-MS/MS, Valen et al., Drug Testing and Analysis, <https://dx.doi.org/10.1002/dta.2045>.
- Developing a UHPLC-QTOF-MS and Automated Library Search Method for Screening Drugs and Toxic Compounds in Postmortem Specimens, Liu et al., Journal of Analytical Toxicology, <https://doi.org/10.1093/jat/bkx026>.
- Development and validation of an LC-MS/MS method to quantify lysergic acid diethylamide (LSD), iso-LSD, 2-oxo-3-hydroxy-LSD, and nor-LSD and identify novel metabolites in plasma samples in a controlled clinical trial, Dolder et al., Journal of Clinical Laboratory Analysis, <https://dx.doi.org/10.1002/jcla.22265>.
- Development and validation of an ultra-fast and sensitive microflow liquid chromatography-tandem mass spectrometry (MFLC-MS/MS) method for quantification of LSD and its metabolites in plasma and application to a controlled LSD administration study in humans, Steuer et al., Drug Testing and Analysis, <https://dx.doi.org/10.1002/dta.2042>.
- Differentiation of the six dimethoxypyrovalerone regioisomers: GC-MS, GC-MS/MS and GC-IR, Abiedalla et al., Talanta, <https://doi.org/10.1016/j.talanta.2017.04.067>.
- Direct fluorescence anisotropy assay for cocaine using tetramethylrhodamine-labeled aptamer, Analytical and Bioanalytical Chemistry, Liu & Zhao, <https://dx.doi.org/10.1007/s00216-017-0349-z>.
- Drug-induced deaths in Southern Spain: profiles and associated characteristics, Fernandez-Calderon et al., Journal of Substance Use, <http://dx.doi.org/10.1080/14659891.2016.1190412>.
- Enantioselective analysis of bambuterol in human plasma using microwave-assisted chiral derivatization coupled with ultra high performance liquid chromatography and tandem mass spectrometry, Zhou et al., Journal of Separation Science, <https://dx.doi.org/10.1002/jssc.201700280>.
- Evaluation of an Automated Reader and Color Interpretation-Based Immunoassays for Multiplexed Drug-of-Abuse Testing in Urine, Kim et al., Journal of Analytical Toxicology, <https://doi.org/10.1093/jat/bkx014>.
- Fatal cardiac glycoside poisoning due to mistaking foxglove for comfrey, Wu et al., Clinical Toxicology, <http://dx.doi.org/10.1080/15563650.2017.1317350>.
- Fatal Ingestion of Chlumsky Disinfectant Solution, Handlos et al., Journal of Forensic Sciences, <https://dx.doi.org/10.1111/1556-4029.13539>.

- Fatal Intoxication by 5F-ADB and Diphenidine: Detection, Quantification, and Investigation of their Main Metabolic Pathways in Human by LC/MS/MS and LC/Q-TOFMS, Kusano et al., *Drug Testing and Analysis*, <https://dx.doi.org/10.1002/dta.2215>.
- GHB-involved crimes among intoxicated patients, Kapitany-Foveny et al., *Forensic Science International*, <https://doi.org/10.1016/j.forsciint.2017.02.028>.
- Hair Testing for Drugs of Abuse and New Psychoactive Substances in a High-Risk Population, Salomone et al., *Journal of Analytical Toxicology*, <https://doi.org/10.1093/jat/bkx020>.
- Home Manufacture of Drugs: An Online Investigation and a Toxicological Reality Check of Online Discussions on Drug Chemistry, Hearne et al., *Journal of Psychoactive Drugs*, <http://dx.doi.org/10.1080/02791072.2017.1320735>.
- Identification of five pyrrolidiny substituted cathinones and the collision-induced dissociation of electrospray-generated pyrrolidiny substituted cathinones, Qian et al., *Drug Testing and Analysis*, <https://dx.doi.org/10.1002/dta.2035>.
- Identification of Unique Metabolites of the Designer Opioid Furanyl Fentanyl, Goggin et al., *Journal of Analytical Toxicology*, <https://doi.org/10.1093/jat/bkx022>.
- Imaging mass spectrometry in drug development and toxicology, Karlsson & Hanrieder, *Archives of Toxicology*, <https://dx.doi.org/10.1007/s00204-016-1905-6>.
- “Interferent Detect” on the Intoxilyzer® 8000C in an individual with an elevated blood acetone concentration due to ketoacidosis, Wallage & Bugyra, *Canadian Society of Forensic Science Journal*, <http://dx.doi.org/10.1080/00085030.2017.1328162>.
- Interspecies metabolic diversity of harmaline and harmine in in vitro 11 mammalian liver microsomes, Li et al., *Drug Testing and Analysis*, <https://dx.doi.org/10.1002/dta.2028>.
- Intoxications involving acrylfentanyl and other novel designer fentanyls – results from the Swedish STRIDA project, Helander et al., *Clinical Toxicology*, <http://dx.doi.org/10.1080/15563650.2017.1303141>.
- It’s not just heroin anymore, Arens et al., *Clinical Toxicology*, <http://dx.doi.org/10.1080/15563650.2017.1286015>.
- Liquid chromatography-quadrupole-time-of-flight mass spectrometry screening procedure for urine samples in forensic casework compared to gas chromatography-mass spectrometry, Fels et al., *Drug Testing and Analysis*, <https://dx.doi.org/10.1002/dta.2039>.
- Matrix-assisted laser desorption/ionization mass spectrometric imaging for the rapid segmental analysis of methamphetamine in a single hair using umbelliferone as a matrix, Wang & Wang, *Analytica Chimica Acta*, <https://doi.org/10.1016/j.aca.2017.04.012>.
- Metabolism and metabolomics of ketamine: a toxicological approach, Dinis-Oliveira, *Forensic Sciences Research*, <http://www.tandfonline.com/doi/full/10.1080/20961790.2017.1285219>.
- Multi-class analysis of new psychoactive substances and metabolites in hair by pressurized liquid extraction coupled to HPLC-HRMS, Montesano et al., *Drug Testing and Analysis*, <https://dx.doi.org/10.1002/dta.2043>.
- A non-fatal intoxication and seven deaths involving the dissociative drug 3-MeO-PCP, Johansson et al., *Forensic Science International*, <https://doi.org/10.1016/j.forsciint.2017.02.034>.
- Oral Fluid Testing for Cocaine: Analytical Evaluation of Two Point-of-Collection Drug Screening Devices, Scherer et al., *Journal of Analytical Toxicology*, <https://doi.org/10.1093/jat/bkx018>.
- Phase I metabolism of the highly potent synthetic cannabinoid MDMB-CHMICA and detection in human urine samples, Franz et al., *Drug Testing and Analysis*, <https://dx.doi.org/10.1002/dta.2049>.
- Porous silicon mass spectrometry as an alternative confirmatory assay for compliance testing of methadone, Guinan et al., *Drug Testing and Analysis*, <https://dx.doi.org/10.1002/dta.2033>.

- Profiting from Probability; Combining Low and High Probability Isotopes as a Tool Extending the Dynamic Range of an Assay Measuring Amphetamine and Methamphetamine in Urine, Journal of Analytical Toxicology, Miller et al., <https://doi.org/10.1093/jat/bkx028>.
- Rapid determination of some psychotropic drugs in complex matrices by tandem dispersive liquid–liquid microextraction followed by high performance liquid chromatography, Asghari et al., Journal of Chromatography B, <https://doi.org/10.1016/j.jchromb.2017.03.012>.
- Sensitive Determination of Cannabinoids in Whole Blood by LC–MS–MS After Rapid Removal of Phospholipids by Filtration, Sorensen & Hasselstrom, Journal of Analytical Toxicology, <https://doi.org/10.1093/jat/bkx030>.
- Simultaneous densitometric analysis of amlodipine, hydrochlorothiazide, lisinopril, and valsartan by HPTLC in pharmaceutical formulations and human plasma, Pandya et al., <http://dx.doi.org/10.1080/10826076.2017.1324482>.
- Simultaneous detection of 93 synthetic cannabinoids by liquid chromatography-tandem mass spectrometry and retrospective application to real forensic samples, Hess et al., Drug Testing and Analysis, <https://dx.doi.org/10.1002/dta.2030>.
- Simultaneous determination of amitraz, chlordimeform, formetanate and their main metabolites in human urine by high performance liquid chromatography–tandem mass spectrometry, Journal of Chromatography B, <https://doi.org/10.1016/j.jchromb.2017.03.004>.
- Simultaneous determination of multiclass pesticide residues in human plasma using a mini QuEChERS method, Srivastava et al., Analytical and Bioanalytical Chemistry, <https://dx.doi.org/10.1007/s00216-017-0317-7>.
- Stability of Synthetic Cannabinoids in Biological Specimens: Analysis Through Liquid Chromatography Tandem Mass Spectrometry, Fort et al., Journal of Analytical Toxicology, <https://doi.org/10.1093/jat/bkx015>.
- Synthetic cathinones in Southern Germany – characteristics of users, substance-patterns, co-ingestions, and complications, Romanek et al., Clinical Toxicology, <http://dx.doi.org/10.1080/15563650.2017.1301463>.
- The effect of non-alcoholic food and beverage consumption on preliminary breath alcohol testing by the Dräger Alcotest 6810 and Alco-Sensor FST, Hackett et al., Canadian Society of Forensic Science Journal, <http://dx.doi.org/10.1080/00085030.2017.1328160>.
- The Emergence of New Psychoactive Substance (NPS) Benzodiazepines: A Review, Manchester et al., Drug Testing and Analysis, <https://dx.doi.org/10.1002/dta.2211>.
- The occurrence of alcohol/drugs by toxicological examination of selected drivers in Hong Kong, Cheng & Dao, Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.03.022>.
- The role of illicit, licit, and designer drugs in the traffic in Hungary, Institoris et al., Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.03.021>.
- The synthetic cannabinoid WIN-55,212 induced-apoptosis in cytotrophoblasts cells by a mechanism dependent on CB1 receptor, Almada et al., Toxicology, <https://doi.org/10.1016/j.tox.2017.04.013>.
- Thermal desorption comprehensive two-dimensional gas chromatography coupled to variable-energy electron ionization time-of-flight mass spectrometry for monitoring subtle changes in volatile organic compound profiles of human blood, Dubois et al., Journal of Chromatography A, <https://doi.org/10.1016/j.chroma.2017.04.026>.
- Toxicological Analysis of Opiates from Alternative Matrices Collected from an Exhumed Body, Cippitelli et al., Journal of Forensic Sciences, <https://dx.doi.org/10.1111/1556-4029.13559>.
- Urinary Kinetics of Heroin Metabolites in Pigs Shortly After Intake, Hoiseth et al., Journal of Analytical Toxicology, <https://doi.org/10.1093/jat/bkx017>.
- Use of LC–HRMS in full scan-XIC mode for multi-analyte urine drug testing – a step towards a “black-box” solution?, Stephanson et al., Journal of Mass Spectrometry, <https://dx.doi.org/10.1002/jms.3946>.

Validated Method for the Screening and Quantification of Baclofen, Gabapentin and Pregabalin in Human Post-Mortem Whole Blood Using Protein Precipitation and Liquid Chromatography–Tandem Mass Spectrometry, Nahar et al., Journal of Analytical Toxicology, <https://doi.org/10.1093/jat/bkx019>.

Work place drug testing of police officers after THC exposure during large volume cannabis seizures, Doran et al., Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.03.023>.

## Trace/Physical Evidence

A City-wide Investigation of the Isotopic Distribution and Source of Tap Waters for Forensic Human Geolocation Ground-truthing, Ueda & Bell, Journal of Forensic Sciences, <https://dx.doi.org/10.1111/1556-4029.13319>.

Analysis of different materials subjected to open-air explosions in search of explosive traces by Raman microscopy, Zapata & Garcie-Ruiz, Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.02.032>.

Characterizing the Performance of Pipe Bombs, Oxley et al., Journal of Forensic Sciences, <https://dx.doi.org/10.1111/1556-4029.13524>.

Chemical discrimination of lubricant marketing types using direct analysis in real time time-of-flight mass spectrometry, Maric et al., Rapid Communications in Mass Spectrometry, <https://dx.doi.org/10.1002/rcm.7876>.

Detection of Contact Traces of Powdery Substances, Pawlowski et al., Journal of Forensic Sciences, <https://dx.doi.org/10.1111/1556-4029.13385>.

Fate and Behavior of Gunshot Residue—A Review, Blakey et al., Journal of Forensic Sciences, <https://dx.doi.org/10.1111/1556-4029.13555>.

High Performance Liquid Chromatography as a valuable tool for geoforensic soil analysis, McCulloch et al., Australian Journal of Forensic Sciences, <http://dx.doi.org/10.1080/00450618.2016.1194474>.

Identification of ANFO: Use of luminescent taggants in post-blast residues, Mauricio et al., Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.02.029>.

Identification of Microorganisms Isolated From Counterfeit and Unapproved Decorative Contact Lenses, Land et al., Journal of Forensic Sciences, <https://dx.doi.org/10.1111/1556-4029.13553>.

Pyrenyl benzimidazole-isoquinolinones: Aggregation-induced emission enhancement property and application as TNT fluorescent sensor, Boonsri et al., Sensors and Actuators B: Chemical, <https://doi.org/10.1016/j.snb.2017.03.170>.

Quantitative evaluation of the responses of a gravimetric gas sensor based on mesoporous functionalized silica: Application to 2,4-DNT and TNT detection, Khanniche et al., Sensors and Actuators B: Chemical, <https://doi.org/10.1016/j.snb.2017.03.137>.

Sensitive ‘on the fiber’ detection of synthetic organic dyes by laser photoinduced plasmonic Ag nanoparticles, Bonacini et al., Journal of Raman Spectroscopy, <https://dx.doi.org/10.1002/jrs.5164>.

Tracers as invisible evidence — The transfer and persistence of flock fibres during a car exchange, Slot et al., Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.03.005>.



## Forensic Biology

- A panel of 130 autosomal single-nucleotide polymorphisms for ancestry assignment in five Asian populations and in Caucasians, Hwa et al., *Forensic Science, Medicine, and Pathology*, <https://dx.doi.org/10.1007/s12024-017-9863-8>.
- DNA Identification of Commingled Human Remains from the Cemetery Relocated by Flooding in Central Bosnia and Herzegovina, Cakar et al., *Journal of Forensic Sciences*, <https://dx.doi.org/10.1111/1556-4029.13535>.
- Evaluation of a Freezer Mill for Bone Pulverization prior to DNA Extraction: An Improved Workflow for STR Analysis, Colon et al., *Journal of Forensic Sciences*, <https://dx.doi.org/10.1111/1556-4029.13551>.
- Extraction of cell-free DNA from urine, using polylysine-coated silica particles, Takano et al., *Analytical and Bioanalytical Chemistry*, <https://dx.doi.org/10.1007/s00216-017-0345-3>.
- Forensic aspects of gene expression signatures for age determination in bruises as evaluated in an experimental porcine model, Barington et al., *Forensic Science, Medicine, and Pathology*, <https://dx.doi.org/10.1007/s12024-017-9869-2>.
- Forensic genetic analyses in isolated populations with examples of central European Valachs and Roma, Ehler & Vanek, *Journal of Forensic and Legal Medicine*, <https://doi.org/10.1016/j.jflm.2017.04.001>.
- Massively parallel sequencing of 231 autosomal SNPs with a custom panel: a SNP typing assay developed for human identification with Ion Torrent PGM, Zhang et al., *Forensic Science Research*, <http://www.tandfonline.com/doi/full/10.1080/20961790.2017.1281011>.
- Reiteration of the Statistical Basis of DNA Source Attribution Determinations in View of the Attorney General's Directive on "Reasonable Scientific Certainty" Statements, Moretti & Budowle, *Journal of Forensic Sciences*, <https://dx.doi.org/10.1111/1556-4029.13538>.
- RNA/DNA co-analysis on aged bloodstains from adhesive tapes used for gunshot residue collection from hands, Grabmuller et al., *Forensic Science, Medicine, and Pathology*, <https://dx.doi.org/10.1007/s12024-017-9864-7>.
- Twenty-seven continental ancestry-informative SNP analysis of bone remains to resolve a forensic case, Sun et al., *Forensic Science Research*, <http://www.tandfonline.com/doi/full/10.1080/20961790.2017.1306431>.
- Using reduced graphene oxide-Ca: CdSe nanocomposite to enhance photoelectrochemical activity of gold nanoparticles functionalized tungsten oxide for highly sensitive prostate specific antigen detection, Wang et al., *Biosensors and Bioelectronics*, <https://doi.org/10.1016/j.bios.2017.04.052>.
- Validating sonication as a DNA extraction method for use with carrion flies, Stamper et al., *Forensic Science International*, <https://doi.org/10.1016/j.forsciint.2017.02.014>.

## Racing Chemistry

- Pharmacokinetic and pharmacodynamics of xylazine administered to exercised thoroughbred horses, Knych et al., *Drug Testing and Analysis*, <https://dx.doi.org/10.1002/dta.2047>.
- Pharmacokinetics and Pharmacodynamics of Meldonium in Exercised Thoroughbred Horses, Knych et al., <https://dx.doi.org/10.1002/dta.2214>.
- Validated LC-MS-MS Method for Simultaneous Analysis of 17 Barbiturates in Horse Plasma for Doping Control, Liu et al., *Journal of Analytical Toxicology*, <https://doi.org/10.1093/jat/bkx025>.
- Xenon elimination kinetics following brief exposure, Schaefer et al., <https://dx.doi.org/10.1002/dta.2001>.

## Sports Doping

Analysis of RBC-Microparticles in stored whole blood bags – a promising marker to detect blood doping in sports?, Voss et al., Drug Testing and Analysis, <https://dx.doi.org/10.1002/dta.2212>.

Doping control container for urine stabilization: a pilot study, Tsivou et al., Drug Testing and Analysis, <https://dx.doi.org/10.1002/dta.2048>.

Expanding Analytical Options in Sports Drug Testing: Mass Spectrometric Detection of Prohibited Substances in Exhaled Breath, Thevis et al., Rapid Communications in Mass Spectrometry, <https://dx.doi.org/10.1002/rcm.7903>.

GC–MS quantitative analysis of black market pharmaceutical products containing anabolic androgenic steroids seized by the Brazilian Federal Police, Neves & Caldas, Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.03.016>.

High-resolution mass spectrometry as an alternative detection method to tandem mass spectrometry for the analysis of endogenous steroids in serum, Ponzetto et al., Journal of Chromatography B, <https://doi.org/10.1016/j.jchromb.2017.03.016>.

Identification of epidermal growth factor (EGF), in an unknown pharmaceutical preparation suspected to contain insulin like growth factor 1 (IGF-1), Vanhee et al., Drug Testing and Analysis, <https://dx.doi.org/10.1002/dta.2029>.

Performance-enhancing substance use in university students: motives, attitudes, and differences in normative beliefs, Blank et al., Journal of Substance Use, <http://dx.doi.org/10.1080/14659891.2016.1208777>.

## Document Examination

Atmospheric pressure MALDI for the noninvasive characterization of carbonaceous ink from Renaissance documents, Grasso et al., Analytical and Bioanalytical Chemistry, <https://dx.doi.org/10.1007/s00216-017-0341-7>.

Comparison between non-invasive methods used on paintings by Goya and his contemporaries: hyperspectral imaging vs. point-by-point spectroscopic analysis, Daniel et al., Analytical and Bioanalytical Chemistry, <https://dx.doi.org/10.1007/s00216-017-0351-5>.

Examining Authenticity: An Initial Exploration of the Suitability of Handwritten Electronic Signatures, Heckerroth & Boywitt, Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.02.019>.

Ink that disappears: examination of questioned documents related to Frixion ink in Malaysia, Teo et al., Canadian Society of Forensic Science Journal, <http://dx.doi.org/10.1080/00085030.2017.1328161>.

The Capability of Raman Microspectroscopy to Differentiate Printing Inks, Johnson et al., Journal of Forensic Sciences, <https://dx.doi.org/10.1111/1556-4029.13508>.

## Impression Evidence

### *Fingerprints*

ENFSI collaborative testing programme for fingermarks: Past experiences and future perspectives, Mattei et al., Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.03.010>.

Factors associated with latent fingerprint exclusion determinations, Ulery et al., Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.02.011>.

Fingermark visualisation on uncirculated £5 (Bank of England) polymer notes: Initial process comparison studies, Downham et al., Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.02.026>.

Migration of latent fingermarks on non-porous surfaces: Observation technique and nanoscale variations, Popov et al., Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.02.015>.

### *Foot Prints*

Newborn and infant discrimination: revisiting footprints, Kotzerke et al., Australian Journal of Forensic Science, <http://dx.doi.org/10.1080/00450618.2017.1324582>.

### *Footwear Evidence*

Classification of footwear outsole patterns using Fourier transform and local interest points, Richetelli et al., Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.02.030>.

### *Toolmarks*

Toolmarks made by lathe chuck jaws, Finkelstein et al., Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.03.004>.

## Ballistics

A fully synthetic lung model for wound-ballistic experiments—First results, Bolliger et al., Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.03.024>.

How not to bite the bullet: A novel technique for intra operative handling of bullets, Sepehrpour et al., Journal of Forensic and Legal Medicine, <https://doi.org/10.1016/j.jflm.2017.03.003>.

Systematic review of finite element analysis utilisation in craniofacial gunshot wounds, Costa et al., Australian Journal of Forensic Sciences, <http://dx.doi.org/10.1080/00450618.2016.1188984>.

The increase of firearm-related violence in Sweden, Khoshnood, Forensic Science Research, <http://www.tandfonline.com/doi/full/10.1080/20961790.2017.1314896>.

The reference cube: A new ballistic model to generate staining in firearm barrels, Schyma et al., Forensic Science, Medicine, and Pathology, <https://dx.doi.org/10.1007/s12024-017-9868-3>.

## Crime Scene

- A time period study on the efficiency of luminol in the detection of bloodstains concealed by paint on different surfaces, Nagesh & Ghosh, Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.01.028>.
- Paper-based microfluidic devices on the crime scene: A simple tool for rapid estimation of post-mortem interval using vitreous humour, Garcia et al., Analytica Chimica Acta, <https://doi.org/10.1016/j.aca.2017.04.040>
- Recovery of deceased scuba divers from within flooded subterranean caves, Buzzacott et al., Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.03.009>.

## Blood Pattern Analysis

- The application of silicon sol-gel technology to forensic blood substitute development: Investigation of the spreading dynamics onto a paper surface, Stotesbury et al., Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.03.020>.

## Forensic Entomology

- Chronobiological studies on body search, oviposition and emergence of *Megaselia scalaris* (Diptera, Phoridae) in controlled conditions. Bostock et al., Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.03.002>.
- Effects of environmental temperature on oviposition behavior in three blow fly species of forensic importance, Ody et al., Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.03.001>.
- Nocturnal oviposition behavior of blowflies (Diptera: Calliphoridae) in the southern hemisphere (South Africa and Australia) and its forensic implications, Williams et al., Forensic Science, Medicine, and Pathology, <https://dx.doi.org/10.1007/s12024-017-9861-x>.
- Validating sonication as a DNA extraction method for use with carrion flies, Stamper et al., Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.02.014>.

## Wildlife Forensics

- Comparing Discourse to Officer Perceptions: The Problems of War and Militarization in Wildlife Crime Enforcement, Runhovde, Critical Criminology, <https://dx.doi.org/10.1007/s10612-017-9360-0>.
- Doing Green, Critical Criminology with an Auto-Ethnographic, Feminist Approach, Sollund, Critical Criminology, <https://dx.doi.org/10.1007/s10612-017-9361-z>.
- Interspecies Violence and Crimes of Dissent: Communication Ethics and Legitimacy in Message Crimes Involving Wildlife, Von Essen & Allen, Critical Criminology, <https://dx.doi.org/10.1007/s10612-017-9358-7>.
- Reconsidering Illegal Hunting as a Crime of Dissent: Implication for Justice and Deliberative Uptake, von Essen & Allen, <https://dx.doi.org/10.1007/s11572-014-9364-8>.

Remote Sensors Bring Wildlife Tracking to New Level: Trove of data yields fresh insights—and challenges, Tibbetts, BioScience, <https://doi.org/10.1093/biosci/bix033>.

## Forensic Odontology

Age estimation from structural changes of teeth and buccal alveolar bone level, Koh et al., Journal of Forensic and Legal Medicine, <https://doi.org/10.1016/j.jflm.2017.03.004>.

Age estimation in adults by dental imaging assessment systematic review, Marroquin et al., Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.03.007>.

Determining the effectiveness of adult measures of standardised age estimation on juveniles in a Western Australian population, Marroquin et al., Australian Journal of Forensic Sciences, <http://dx.doi.org/10.1080/00450618.2016.1177593>.

Measurement of open apices in tooth roots in Colombian children as a tool for human identification in asylum and criminal proceedings, Rivera et al., Journal of Forensic and Legal Medicine, <https://doi.org/10.1016/j.jflm.2017.03.005>.

## Forensic Pathology

A case of cardiac tamponade due to an isolated abscess in the ascending aorta of a pregnant woman with a history of intravenous substance abuse, Shattuck & Livingstone, Forensic Science, Medicine, and Pathology, <https://dx.doi.org/10.1007/s12024-017-9856-7>.

A fully synthetic lung model for wound-ballistic experiments—First results, Bolliger et al., Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.03.024>.

A mimic of sexually-motivated homicide: insect stings and heat exhaustion in a forest, Liu & Pollanen, Forensic Science, Medicine, and Pathology, <https://dx.doi.org/10.1007/s12024-017-9850-0>.

A real-time smartphone-enabled time since death estimation from vitreous humour protein, Ansari et al., Australian Journal of Forensic Sciences, <http://dx.doi.org/10.1080/00450618.2017.1324581>.

Accurate predictions of postmortem interval using linear regression analyses of gene meter expression data, Hunter et al., Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.02.027>.

An Incidental Diffuse Midline Glioma Found at Autopsy, Walsh et al., Journal of Forensic Sciences, <https://dx.doi.org/10.1111/1556-4029.13540>.

An unusual exit wound as a result of a shotgun suicide to the head, Kunz, Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.03.015>.

Ascending Aortic Rupture through a Penetrating Atherosclerotic Ulcer: A Rare Cause of Sudden Unexpected Death, Srettabunjong, Journal of Forensic Sciences, <https://dx.doi.org/10.1111/1556-4029.13558>.

Calling for advice: Aspects of telephonic consultation in post-mortem examinations, Smits et al., Journal of Forensic and Legal Medicine, <https://doi.org/10.1016/j.jflm.2017.04.006>.

Characteristics of Diogenes syndrome, Byard, Journal of Forensic and Legal Medicine, <https://doi.org/10.1016/j.jflm.2017.02.008>.

- Clinical forensic imaging and fundamental rights in Austria, Kerbacher et al., Forensic Science Research, <http://www.tandfonline.com/doi/full/10.1080/20961790.2017.1328808>.
- Death Due to Complications of Bowel Obstruction Following Raw Poppy Seed Ingestion, Schuppener & Corliss, Journal of Forensic Sciences, <https://dx.doi.org/10.1111/1556-4029.13562>.
- Detection and volume estimation of artificial hematomas in the subcutaneous fatty tissue: comparison of different MR sequences at 3.0 T, Ogris et al., Forensic Science, Medicine, and Pathology, <https://dx.doi.org/10.1007/s12024-017-9847-8>.
- Differentiation of hemopericardium due to ruptured myocardial infarction or aortic dissection on unenhanced postmortem computed tomography, Ampanozi et al., Forensic Science, Medicine, and Pathology, <https://dx.doi.org/10.1007/s12024-017-9854-9>.
- Electric fences and accidental death, Burke et al., Forensic Science, Medicine, and Pathology, <https://dx.doi.org/10.1007/s12024-017-9851-z>.
- Fatal abdominal injuries in a bicycle-pedestrian collision – Reconstruction using multibody simulation, Muggenthaler et al., Forensic Science, Medicine, and Pathology, <https://dx.doi.org/10.1007/s12024-017-9866-5>.
- Fatal bronchovascular fistula after lobectomy visualized through postmortem computed tomography angiography: A case report, Hinderberger et al., Forensic Science, Medicine, and Pathology, <https://dx.doi.org/10.1007/s12024-017-9867-4>.
- Fatal complication following pure ankle dislocation in a domestic setting: case report and review of the literature, De-Giordio et al., Forensic Science, Medicine, and Pathology, <https://dx.doi.org/10.1007/s12024-017-9849-6>.
- Fluid content protected lungs against heat, but not against carbon monoxide inhalation, Nikolic & Zivkovic, Forensic Science, Medicine, and Pathology, <https://dx.doi.org/10.1007/s12024-016-9831-8>.
- Frontal lobotomy, Byard, Forensic Science, Medicine, and Pathology, <https://dx.doi.org/10.1007/s12024-017-9846-9>.
- Further observations on plastic bag asphyxia using helium gas, Byard, Australian Journal of Forensic Sciences, <http://dx.doi.org/10.1080/00450618.2016.1177594>.
- Genital and anal injuries: A cross-sectional Australian study of 1266 women alleging recent sexual assault, Zilkens et al., Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.03.013>.
- Genotype-phenotype dilemma in a case of sudden cardiac death with the E1053K mutation and a deletion in the SCN5A gene, Jenewein et al., Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.02.038>.
- Hemolytic uremic syndrome caused by E. coli O157 infection, Bystrom et al., Forensic Science, Medicine, and Pathology, <https://dx.doi.org/10.1007/s12024-017-9852-y>.
- Incidental necrotizing aortitis in a child, Wills, Forensic Science, Medicine, and Pathology, <https://dx.doi.org/10.1007/s12024-017-9842-0>.
- Intramedullary schwannoma of the upper cervical spinal cord: a case study of identification in pathologic autopsy, Li et al., Forensic Science Research, <http://www.tandfonline.com/doi/full/10.1080/20961790.2016.1265236>.
- Ion channelopathies associated genetic variants as the culprit for sudden unexplained death, Wang et al., Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.03.006>.
- Lethal 'brush abrasions', Thompson et al., Australian Journal of Forensic Sciences, <http://dx.doi.org/10.1080/00450618.2016.1161827>.

- Ligature induced blister formation in hanging—the “pinch” effect, Spinelli et al., Forensic Science, Medicine, and Pathology, <https://dx.doi.org/10.1007/s12024-017-9844-y>.
- Necrotizing eosinophilic myocarditis, Janik & Hejna, Forensic Science, Medicine, and Pathology, <https://dx.doi.org/10.1007/s12024-017-9841-1>.
- Optimizing radiation exposure in screening of body packing: image quality and diagnostic acceptability of an 80 kVp protocol with automated tube current modulation, Aissa et al., Forensic Science, Medicine, and Pathology, <https://dx.doi.org/10.1007/s12024-017-9848-7>.
- Paper-based microfluidic devices on the crime scene: A simple tool for rapid estimation of post-mortem interval using vitreous humour, Garcia et al., Analytica Chimica Acta, <https://doi.org/10.1016/j.aca.2017.04.040>.
- Preliminary study on fatal hyperthermia in rat liver tissue by Fourier transform infrared microspectroscopy, Wang et al., Australian Journal of Forensic Sciences, <http://dx.doi.org/10.1080/00450618.2016.1156157>.
- Recreational Sporting Activity Vehicle-Related Deaths, Prahlow et al., Journal of Forensic Sciences, <https://dx.doi.org/10.1111/1556-4029.13542>.
- Remodelling of myocardial intercalated disc protein connexin 43 causes increased susceptibility to malignant arrhythmias in ARVC/D patients, Chen et al., Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.02.020>.
- Risk of stroke in prescription and other amphetamine-type stimulants use: A systematic review, Indave et al., <https://dx.doi.org/10.1111/dar.12559>.
- Spontaneous coronary artery dissection, Byard et al., Forensic Science, Medicine, and Pathology, <https://dx.doi.org/10.1007/s12024-017-9845-x>.
- Sudden death due to catecholaminergic polymorphic ventricular tachycardia following negative stress-test outcome: genetics and clinical implications, D’Ovidio et al., Forensic Science, Medicine, and Pathology, <https://dx.doi.org/10.1007/s12024-017-9862-9>.
- Systematic review of finite element analysis utilisation in craniofacial gunshot wounds, Costa et al., Australian Journal of Forensic Sciences, <http://dx.doi.org/10.1080/00450618.2016.1188984>.
- The circumstances and characteristics of fatal falls in Victoria, Australia: a descriptive study, Rowbotham & Blau, Australian Journal of Forensic Sciences, <http://dx.doi.org/10.1080/00450618.2016.1194472>.
- Timing: the Achilles heel of forensic pathology, Byard, Forensic Science, Medicine, and Pathology, <https://dx.doi.org/10.1007/s12024-016-9791-z>.
- Traumatic axonal injury, a clinical-pathological correlation, Davceva et al., Journal of Forensic and Legal Medicine, <https://doi.org/10.1016/j.jflm.2017.04.004>.
- Unexpected sudden death in pregnancy – arrhythmogenic right ventricular cardiomyopathy/dysplasia: a case report, Vadysinghe et al., Forensic Science Research, <http://www.tandfonline.com/doi/full/10.1080/20961790.2017.1325548>.

## Forensic Anthropology

- A Decision Tree for Nonmetric Sex Assessment from the Skull, Langley et al., Journal of Forensic Sciences, <https://dx.doi.org/10.1111/1556-4029.13534>.
- Age estimation by assessing the vertebral osteophytes with the aid of 3D CT imaging, Kacar et al., Australian Journal of Forensic Sciences, <http://dx.doi.org/10.1080/00450618.2016.1167241>.

- Application of forensic anthropology to non-forensic issues: an experimental taphonomic approach to the study of human body decomposition in aerobic conditions, Ferreira et al., Australian Journal of Forensic Sciences, <http://dx.doi.org/10.1080/00450618.2017.1329850>.
- Assessment of statistical agreement of three techniques for the study of cut marks: 3D digital microscope, laser scanning confocal microscopy and micro-photogrammetry, Mate-Gonzalez et al., Journal of Microscopy, <https://dx.doi.org/10.1111/jmi.12575>.
- Burned bones forensic investigations employing near infrared spectroscopy, Cascant et al., Vibrational Spectroscopy, <https://doi.org/10.1016/j.vibspec.2017.02.005>.
- Computerized reconstruction of fragmentary skeletal remains, Mahfouz et al., Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.03.017>.
- Critical issues in the historical and contemporary development of forensic anthropology in Australia: An international comparison, Mallett & Evison, Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.03.019>.
- Forensic decomposition odour profiling: A review of experimental designs and analytical techniques, Iqbal et al., Trends In Analytical Chemistry, <https://doi.org/10.1016/j.trac.2017.04.009>.
- Inaccuracy and bias in adult skeletal age estimation: Assessing the reliability of eight methods on individuals of varying body sizes, Merritt, Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.03.003>.
- Intraobserver Error in Macromorphoscopic Trait Data, Kamnikar et al., Journal of Forensic Sciences, <https://dx.doi.org/10.1111/1556-4029.13564>.
- Multiple regression analysis of the craniofacial region of Chinese Han people using linear and angular measurements based on MRI, Li et al., Forensic Science Research, <http://www.tandfonline.com/doi/full/10.1080/20961790.2016.1276120>.
- Quantifying Sexual Dimorphism in the Human Cranium: A Preliminary Analysis of a Novel Method, Casado, Journal of Forensic Sciences, <https://dx.doi.org/10.1111/1556-4029.13441>.
- Radiometry versus osteometry in sex assessment: a study of the Cretan radius, Kranioti, Australian Journal of Forensic Sciences, <http://dx.doi.org/10.1080/00450618.2017.1329849>.
- Recording skeletal completeness: A standardised approach, Rowbotham et al., Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.02.036>.
- Reliability of age estimation from iliac auricular surface in a subadult Chilean sample, Herrera & Retamal, Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.01.029>.
- Sex estimation with the total area of the proximal femur: A densitometric approach, Curate et al., Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.02.035>.
- Sharp and blunt force trauma concealment by thermal alteration in homicides: An in-vitro experiment for methodology and protocol development in forensic anthropological analysis of burnt bones, Macoveciuc et al., Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.03.014>.
- Stature estimation in a contemporary Japanese population based on clavicular measurements using multidetector computed tomography, Torimitsu et al., Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.02.037>.
- The Power of Exclusion using Automated Osteometric Sorting: Pair-Matching, Lynch et al., Journal of Forensic Sciences, <https://dx.doi.org/10.1111/1556-4029.13560>.



## Forensic Psychiatry and Psychology

- Appeals against detention in conditions of excessive security: outcomes and decision-making, Roy & Thomson, *The Journal of Forensic Psychiatry & Psychology*, <http://dx.doi.org/10.1080/14789949.2017.1313300>.
- Children's Reports of Disclosure Recipient Reactions in Forensic Interviews: Comparing the NICHD and MoGP Protocols, Ahern & Lamp, *Journal of Police and Criminal Psychology*, <https://dx.doi.org/10.1007/s11896-016-9205-x>.
- Design, development and validity testing of the gang affiliation risk measure (GARM), Raby et al., *The Journal of Forensic Psychiatry & Psychology*, <http://dx.doi.org/10.1080/14789949.2017.1324578>.
- Detecting the True Nature of Allegations of Rape, De Zutter et al., *Journal of Police and Criminal Psychology*, <https://dx.doi.org/10.1007/s11896-016-9203-z>.
- Forensic Psychiatric Patients with Comorbid Psychopathy: Double Trouble?, Jeandarme et al., *International Journal of Forensic Mental Health*, <http://dx.doi.org/10.1080/14999013.2017.1286414>.
- How do professionals experience working with offenders diagnosed with personality disorder within a prison environment?, Cooke et al., *The Journal of Forensic Psychiatry & Psychology*, <http://dx.doi.org/10.1080/14789949.2017.1331371>.
- Mother–infant separations in prison. A systematic attachment-focused review of the academic and grey literature, Powell et al., *The Journal of Forensic Psychiatry & Psychology*, <http://dx.doi.org/10.1080/14789949.2017.1324580>.
- Offender personality disorder pathway: the impact of case consultation and formulation with probation staff, Knauer et al., *The Journal of Forensic Psychiatry & Psychology*, <http://dx.doi.org/10.1080/14789949.2017.1331370>.
- Patient characteristics related to length of stay in Dutch forensic psychiatric care, Eckert et al., *The Journal of Forensic Psychiatry & Psychology*, <http://dx.doi.org/10.1080/14789949.2017.1332771>.
- Prognostic Factors for Length of Enforced Forensic Treatment with Special Focus on Personality Disorder, Spaans et al., *International Journal of Forensic Mental Health*, <http://dx.doi.org/10.1080/14999013.2016.1255279>.
- Psychological and Legal Aspects of Dangerous Sex Offenders: A Review of the Literature, Rowlands et al., *Psychiatry, Psychology and Law*, <http://dx.doi.org/10.1080/13218719.2017.1315763>.
- Reliable and Clinically Significant Change in Outcomes for Forensic Mental Health Inpatients: Use of the HoNOS-Secure, Dickens & O'Shea, *International Journal of Forensic Mental Health*, <http://dx.doi.org/10.1080/14999013.2017.1286415>.
- Supplementing the sunshine- what is the role of psychiatrists, particularly in a forensic context, in maintaining patients vitamin D levels?, Dimond & Handa, *The Journal of Forensic Psychiatry & Psychology*, <http://dx.doi.org/10.1080/14789949.2017.1319968>.
- The impact of collaborative case formulation with high risk offenders with personality disorder, Shaw et al., *The Journal of Forensic Psychiatry & Psychology*, <http://dx.doi.org/10.1080/14789949.2017.1324579>.
- The Potential for a Skills-Based Dialectical Behavior Therapy Program to Reduce Aggression, Anger, and Hostility in a Canadian Forensic Psychiatric Sample: A Pilot Study, Tomlinson & Hoaken, *International Journal of Forensic Mental Health*, <http://dx.doi.org/10.1080/14999013.2017.1315469>.
- Treatment effectiveness for offenders with autism spectrum conditions: a systematic review, Melvin et al., *Psychology, Crime & Law*, <http://dx.doi.org/10.1080/1068316X.2017.1324027>.
- Violent offences of methamphetamine users and dilemmas of forensic psychiatric assessment, Liu et al., *Forensic Science Research*, <http://www.tandfonline.com/doi/full/10.1080/20961790.2017.1287155>.

## Fire Investigation

Using the microstructure and mechanical behavior of steel materials to develop a new fire investigation technology, Chi & Peng, Fire and Materials, <https://dx.doi.org/10.1002/fam.2438>.

## Forensic Engineering

Effects of High-g Impact on Physical, Electrical, and Optical Characteristics of Light-Emitting Diodes, Wen et al., Journal of Forensic Sciences, <https://dx.doi.org/10.1111/1556-4029.13543>.

Failure analysis of the turret bearings wear on SYS in the Bohai Bay area, Yang et al., Engineering Failure Analysis, <https://doi.org/10.1016/j.engfailanal.2017.03.018>.

Failure investigation of welded high nickel stainless steel flange-elbow joint, Idapalapati et al., Engineering Failure Analysis, <https://doi.org/10.1016/j.engfailanal.2017.02.022>.

Robot bridge inspector looks for defects, Klein, New Scientist, [https://doi.org/10.1016/S0262-4079\(17\)30915-6](https://doi.org/10.1016/S0262-4079(17)30915-6).

## Digital Forensics and Cybercrime

APT malware static trace analysis through bigrams and graph edit distance, Bolton & Anderson-Cook, Statistical Analysis and Data Mining, <https://dx.doi.org/10.1002/sam.11346>.

Examining Authenticity: An Initial Exploration of the Suitability of Handwritten Electronic Signatures, Heckerth & Boywitt, Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.02.019>.

Fear of Cybercrime in Europe: Examining the Effects of Victimization and Vulnerabilities, Virtanen, Psychiatry, Psychology and Law, <http://dx.doi.org/10.1080/13218719.2017.1315785>.

## Biometrics

Age estimation from a face image in a selected gender-race group based on ranked local binary patterns, Rybintsev, Complex & Intelligent Systems, <https://dx.doi.org/10.1007/s40747-017-0035-y>.

NIST documents facial recognition from video of non-cooperating subjects, Biometric Technology Today, [https://doi.org/10.1016/S0969-4765\(17\)30099-1](https://doi.org/10.1016/S0969-4765(17)30099-1).

Top 10 must-haves for biometric ID systems, Crego & Kephart, Biometric Technology Today, [https://doi.org/10.1016/S0969-4765\(17\)30097-8](https://doi.org/10.1016/S0969-4765(17)30097-8).

Welsh police to use facial recognition tech at football cup final, Biometric Technology Today, [https://doi.org/10.1016/S0969-4765\(17\)30082-6](https://doi.org/10.1016/S0969-4765(17)30082-6).

## Statistics

A critical evaluation of the current “p-value controversy”, Wellek, Biometrical Journal, <https://dx.doi.org/10.1002/bimj.201700001>.

An objective Bayes perspective on p-values, Held, Biometrical Journal, <https://dx.doi.org/10.1002/bimj.201700068>.

Contribution to the discussion of “A critical evaluation of the current ‘p-value controversy’”, Gasparini, Biometrical Journal, <https://dx.doi.org/10.1002/bimj.201700026>.

Contribution to the discussion of the paper by Stefan Wellek: “A critical evaluation of the current p-value controversy”, Farcomeni, Biometrical Journal, <https://dx.doi.org/10.1002/bimj.201700053>.

P-value calibration in multiple hypotheses testing, Cabras & Castellanos, <https://dx.doi.org/10.1002/sim.7330>.

Reiteration of the Statistical Basis of DNA Source Attribution Determinations in View of the Attorney General's Directive on “Reasonable Scientific Certainty” Statements, Moretti & Budowle, Journal of Forensic Sciences, <https://dx.doi.org/10.1111/1556-4029.13538>.

## CBRN

Changes in the oxidative stress/anti-oxidant system after exposure to sulfur mustard and antioxidant strategies in the therapy, a review, Pohanka et al., Toxicology Mechanisms and Methods, <http://dx.doi.org/10.1080/15376516.2017.1320695>.

Chemical Weapons: What is the Purpose? The Hague Ethical Guidelines, Frank et al., Toxicological & Environmental Chemistry, <http://dx.doi.org/10.1080/02772248.2017.1326633>.

Comparative toxicity of mono- and bifunctional alkylating homologues of sulphur mustard in human skin keratinocytes, Sawyer et al., Toxicology, <https://doi.org/10.1016/j.tox.2017.03.005>.

Human butyrylcholinesterase efficacy against nerve agent exposure, Reed et al., Journal of Biochemical and Molecular Toxicology, <https://dx.doi.org/10.1002/jbt.21886>.

Rapid IC–MS/MS determination of methylphosphonic acid in urine of rats exposed to organophosphorus nerve agents, Baygildiev et al., Journal of Chromatography B, <https://doi.org/10.1016/j.jchromb.2017.05.005>.

Target analysis of tert-butyldimethylsilyl derivatives of nerve agent hydrolysis products by selectable one-dimensional or two-dimensional gas chromatography–mass spectrometry, Seto et al., Journal of Chromatography A, <https://doi.org/10.1016/j.chroma.2017.04.024>.

## Cognitive Bias

Understanding and Mitigating Bias in Forensic Evaluation: Lessons from Forensic Science, Zapf & Dror, International Journal of Forensic Mental Health, <http://dx.doi.org/10.1080/14999013.2017.1317302>.

## Criminology

A local and universal criminology of modernity: a response to comments on America's Safest City, Singer, Crime, Law and Social Change, <https://dx.doi.org/10.1007/s10611-017-9688-0>.

Advancing Hot Spots Practice and Research, Buerger, Criminology & Public Policy, <https://dx.doi.org/10.1111/1745-9133.12306>.

Big data analytics for security and criminal investigations, Pramanik et al., WIREs Data Mining and Knowledge Discovery, <https://dx.doi.org/10.1002/widm.1208>.

Comparing crime reporting factors in EU countries, Torrente et al., European Journal on Criminal Policy and Research, <https://dx.doi.org/10.1007/s10610-016-9310-5>.

Crime analysis and cognitive effects: the practice of policing through flows of data, Sanders & Condon, Global Crime, <http://dx.doi.org/10.1080/17440572.2017.1323637>.

Delinquency and modernity in cyberspace?: Comments on America's Safest City, Kubrin, Crime, Law and Social Change, <https://dx.doi.org/10.1007/s10611-017-9686-2>.

DNA Databases as Alternative Data Sources for Criminological Research, De Moor et al., European Journal on Criminal Policy and Research, <https://dx.doi.org/10.1007/s10610-016-9327-9>.

Do Criminology Classes Make a Difference? Changes in Perceptions of Punishment Over Time, Kuehn et al., Journal of Criminal Justice Education, <http://dx.doi.org/10.1080/10511253.2017.1330963>.

From urban to suburban criminology: Understanding crime in America's "safe" cities, Rocque & Posick, Crime, Law and Social Change, <https://dx.doi.org/10.1007/s10611-017-9684-4>.

Green Criminology Before 'Green Criminology': Amnesia and Absences, Goyes & South, Critical Criminology, <https://dx.doi.org/10.1007/s10612-017-9357-8>.

How and why do Amherst and Newark differ in crime rates? Comments on "America's Safest City", Farrington, Crime, Law and Social Change, <https://dx.doi.org/10.1007/s10611-017-9683-5>.

Identifying and Responding to Hot Spots. Are Crime Counts Enough?, Telep & Hibdon, Criminology & Public Policy, <https://dx.doi.org/10.1111/1745-9133.12304>.

Illuminating the Black Box of Implementation in Crime Prevention, Fagan, Criminology & Public Policy, <https://dx.doi.org/10.1111/1745-9133.12300>.

Integrated Administrative Data & Criminal Justice Research, DEhArt & Shapiro, American Journal of Criminal Justice, <https://dx.doi.org/10.1007/s12103-016-9355-5>.

Maneuvering with Crime. An Empirical Reconstruction of "Populist" Stances on Youth Crime in German Parliamentary Debates, Dollinger et al., European Journal on Criminal Policy and Research, <https://dx.doi.org/10.1007/s10610-016-9330-1>.

Modeling the Scaling Up of Early Crime Prevention, Sullivan et al., Criminology & Public Policy, <https://dx.doi.org/10.1111/1745-9133.12286>.

Overlapping Hot Spots? Examination of the Spatial Heterogeneity of Hot Spots of Different Crime Types, Haberman, Criminology & Public Policy, <https://dx.doi.org/10.1111/1745-9133.12303>.

Perceiving and Communicating Environmental Contamination and Change: Towards a Green Cultural Criminology with Images, Natali & McClanahan, Critical Criminology, <https://dx.doi.org/10.1007/s10612-017-9356-9>.

Preventing Crime and Recidivism. State of the Art Evidence, and How to Apply it at Scale, Homel, Criminology & Public Policy, <https://dx.doi.org/10.1111/1745-9133.12319>.

- Researching Environmental Crime in Non-democratic Regimes, Stefes & Theodoratos, *Critical Criminology*, <https://dx.doi.org/10.1007/s10612-017-9362-y>.
- Scaling Effective Innovations, Fixsen et al., *Criminology & Public Policy*, <https://dx.doi.org/10.1111/1745-9133.12288>.
- Scholarly Influence in Criminology and Criminal Justice of China, Zhang, *Asian Journal of Criminology*, <https://dx.doi.org/10.1007/s11417-017-9245-x>.
- Tensions for Green Criminology, Brisman, *Critical Criminology*, <https://dx.doi.org/10.1007/s10612-017-9365-8>.
- Thatcherism, Crime and the Legacy of the Social and Economic 'Storms' of the 1980s, Farrall et al, *The Howard Journal of Crime and Justice*, <https://dx.doi.org/10.1111/hojo.12202>.
- The Neglect of Quantitative Research in Green Criminology and Its Consequences, Lynch et al., *Critical Criminology*, <https://dx.di.org/10.1007/s10612-017-9359-6>.
- The sociological imagination revisited: lessons from America's Safest City, Cullen, *Crime, Law and Social Change*, <https://dx.doi.org/10.1007/s10611-017-9685-3>.
- Validating media-driven and crowdsourced police shooting data: a research note, Ozkan et al., *Journal of Crime and Justice*, <http://dx.doi.org/10.1080/0735648X.2017.1326831>.
- What America's Safest City might tell us about a changing America, Hagan, *Crime, Law and Social Change*, <https://dx.doi.org/10.1007/s10611-017-9687-1>.
- What Works in Crime Prevention and Rehabilitation. An Assessment of Systematic Reviews, Weisburd et al., *Criminology & Public Policy*, <https://dx.doi.org/10.1111/1745-9133.12298>.

## Law

- A Meta-Analytic Review of Pretrial Research: Risk Assessment, Bond Type, and Interventions, Bechtel et al., *American Journal of Criminal Justice*, <https://dx.doi.org/10.1007/s12103-016-9367-1>.
- Antecedents, Behaviours, and Court Case Characteristics and Their Effects on Case Outcomes in Litigation for Persons with Schizophrenia, LaVan et al., *Psychiatry, Psychology and Law*, <http://dx.doi.org/10.1080/13218719.2017.1316176>.
- Bent into Security: Barrister Contribution to a Skewed Order in Two Terrorism Prosecutions in Australia, De Lint & Kassa, *Journal of Law and Society*, <https://dx.doi.org/10.1111/jols.12022>.
- Comparison of Impact of Procedural Justice and Outcome on Victim Satisfaction: Evidence From Victims' Experience With Registration of Property Crimes in India, Kumar, *Victims & Offenders*, <http://dx.doi.org/10.1080/15564886.2017.1323063>.
- Consistent with: what doctors say and jurors hear, Ross et al., *Australian Journal of Forensic Sciences*, <http://dx.doi.org/10.1080/00450618.2017.1324583>.
- Crime Scene Familiarity: Does it Influence Mock Jurors' Decisions?, Pica & Pozzulo, *Psychiatry, Psychology and Law*, <http://dx.doi.org/10.1080/13218719.2017.1315762>.
- Examining the Effects of Violence and Personality on Eyewitness Memory, Pajon & Walsh, *Psychiatry, Psychology and Law*, <http://dx.doi.org/10.1080/13218719.2017.1327313>.
- Experts and expertise in the Land and Environment Court, White, *Australian Journal of Forensic Sciences*, <http://dx.doi.org/10.1080/00450618.2016.1218544>.

- From Bench to Curbside. Considering the Role of Simulations in Scaling-up Justice Interventions, Mazerolle et al., *Criminology & Public Policy*, <https://dx.doi.org/10.1111/1745-9133.12287>.
- Judging guilt and accuracy: highly confident eyewitnesses are discounted when they provide featural justifications, Dodson & Dobolyi, *Psychology, Crime & Law*, <http://dx.doi.org/10.1080/1068316X.2017.1284220>.
- Liberty and Insecurity in the Criminal Law: Lessons from Thomas Hobbes, Carvalho, *Criminal Law and Philosophy*, <https://dx.doi.org/10.1007/s11572-015-9369-y>.
- Making forensic science fit for justice, Roberts, *Australian Journal of Forensic Sciences*, <http://dx.doi.org/10.1080/00450618.2016.1243154>.
- Making punishment palatable: Belief in free will alleviates punitive distress, Clark et al., *Consciousness and Cognition*, <https://doi.org/10.1016/j.concog.2017.03.010>.
- Moral Foundations, Intuitions of Justice, and the Intricacies of Punitive Sentiment, Silver, *Law & Society Review*, <https://dx.doi.org/10.1111/lasr.12264>.
- Practice narratives enhance children's memory reports, Whiting & Price, *Psychology, Crime & Law*, <http://dx.doi.org/10.1080/1068316X.2017.1324031>.
- Predicting the length of jury deliberations, Meitl et al., *Journal of Crime and Justice*, <http://dx.doi.org/10.1080/0735648X.2015.1109539>.
- Prison on Appeal: The Idea of Communicative Incarceration, Cochrane, *Criminal Law and Philosophy*, <https://dx.doi.org/10.1007/s11572-015-9371-4>.
- Protecting democracy: a parsimonious, dynamic and heuristic model of controlling crimes by the powerful, Ross, *Criminal Justice Studies*, <http://www.tandfonline.com/doi/full/10.1080/1478601X.2017.1318132>.
- Punishment and the Appropriate Response to Wrongdoing, Tadros, *Criminal Law and Philosophy*, <https://dx.doi.org/10.1007/s11572-014-9352-z>.
- Rethinking Court-Sanctioned Reintegration Processes: Redemption Rituals as an Alternative to the Drug Court Graduation, Williams, *The Howard Journal of Crime and Justice*, <https://dx.doi.org/10.1111/hojo.12203>.
- The Hidden Arm of the Law: Examining Administrative Justice in Gun Carry Licensing, Carlson, *Law & Society Review*, <https://dx.doi.org/10.1111/lasr.12263>.
- The Impact of the Registered Intermediary on Adults' Perceptions of Child Witnesses: Evidence from a Mock Cross Examination, Collins et al., *European Journal on Criminal Policy and Research*, <https://dx.doi.org/10.1007/s10610-016-9314-1>.
- The Price of Justice: New National and State-Level Estimates of the Judicial and Legal Costs of Crime to Taxpayers, Hunt et al., <https://dx.doi.org/10.1007/s12103-016-9362-6>.
- The relationship between perceptions of prison and support for the death penalty versus life without parole, Wozniak, *Journal of Crime and Justice*, <http://dx.doi.org/10.1080/0735648X.2015.1050598>.
- Turning the Witness Stand into a Speaker's Platform: Victim Participation in the Norwegian Legal System as Exemplified by the Trial Against Anders Behring Breivik, Laugerud & Langballe, *Law & Society Review*, <https://dx.doi.org/10.1111/lasr.12268>.
- When an Alibi Is Not Enough: Judgments of Evidence Needed to Lay Charges in a Burglary Case, Bruer et al., *Journal of Police and Criminal Psychology*, <https://dx.doi.org/10.1007/s11896-016-9209-6>.

## Policing

- A Pilot Study to Develop the Police Transformational Leadership Scale (PTLS) and Examine Its Associations with Psychosocial Well-Being of Officers, Can et al., Journal of Police and Criminal Psychology, <https://dx.doi.org/10.1007/s11896-016-9204-y>.
- Accountability and Police Violence: a Research on Accounts to Cope with Excessive Use of Force in Italy, Zamperini et al., Journal of Police and Criminal Psychology, <https://dx.doi.org/10.1007/s11896-016-9208-7>.
- 'An error is feedback': the experience of communication error management in crisis negotiations, Oostinga et al., Police Practice and Research, <http://dx.doi.org/10.1080/15614263.2017.1326007>.
- Arrests, Harm Reduction, and Police Crime Prevention Policy, Braga, Criminology & Public Policy, <https://dx.doi.org/10.1111/1745-9133.12308>.
- Consent Decrees and Police Reform. A Piece of the Puzzle or a Puzzling Policy, Chappell, Criminology & Public Policy, <https://dx.doi.org/10.1111/1745-9133.12302>.
- Employment motivation and job-related satisfaction: a comparison of police women's perceptions in Dubai and Taipei, Chu, Policing and Society, <http://dx.doi.org/10.1080/10439463.2017.1329306>.
- Evaluating and Improving Structural Reform in Police Departments, Harmon, Criminology & Public Policy, <https://dx.doi.org/10.1111/1745-9133.12297>.
- Exploring the neighbourhood context of serious assaults on police, Gibbs et al., Policing and Society, <http://dx.doi.org/10.1080/10439463.2017.1333120>.
- Managing flows during mega-events: taking account of internal and external flows in public order policing operations, Whelan & Molnar, Global Crime, <http://dx.doi.org/10.1080/17440572.2017.1328027>.
- Neighbourhood characteristics and confidence in the police in the context of South Korea, Policing and Society, Kwak & McNeeley, <http://dx.doi.org/10.1080/10439463.2017.1320997>.
- On "Changing How Police View Arrest", Kennedy, Criminology & Public Policy, <https://dx.doi.org/10.1111/1745-9133.12305>.
- Police Consent Decrees and Section 1983 Civil Rights Litigation, Powell et al., Criminology & Public Policy, <https://dx.doi.org/10.1111/1745-9133.12295>.
- Police Officer and Civilian Staff Receptivity to Research and Evidence-Based Policing in the UK: Providing a Contextual Understanding through Qualitative Interviews, Lumsden, Policing, <https://doi.org/10.1093/police/paw036>.
- Police perceptions of ADHD in youth interviewees, Cunial & Kebbell, Psychology, Crime & Law, <http://dx.doi.org/10.1080/1068316X.2017.1284216>.
- Police Perceptions of Irrational Unstable Behaviours and Use of Force, McTackett & Thomas, Journal of Police and Criminal Psychology, <https://dx.doi.org/10.1007/s11896-016-9212-y>.
- Police Strategies and Suspect Responses in Real-Life Serious Crime Interviews, Leahy-Harland & Bull, Journal of Police and Criminal Psychology, <https://dx.doi.org/10.1007/s11896-016-9207-8>.
- Robot detective gets on the case, Revell, New Scientist, [https://doi.org/10.1016/S0262-4079\(17\)30904-1](https://doi.org/10.1016/S0262-4079(17)30904-1).
- Strategic policing philosophy and the acquisition of technology: findings from a nationally representative survey of law enforcement, Hendrix et al., Policing and Society, <http://dx.doi.org/10.1080/10439463.2017.1322966>.
- Swedish Police Officers' Job Strain, Work-Related Social Support and General Mental Health, Hansson et al., Journal of Police and Criminal Psychology, <https://dx.doi.org/10.1007/s11896-016-9202-0>.

- Symbolic policing: situating targeted police operations/'crackdowns' on street-level drug markets, Coomber et al., Policing and Society, <http://dx.doi.org/10.1080/10439463.2017.1323893>.
- The Adaptation of License-plate Readers for Investigative Purposes: Police Technology and Innovation Re-invention, Willis et al., Justice Quarterly, <http://dx.doi.org/10.1080/07418825.2017.1329936>.
- The Impact of Police on Criminal Justice Reform. Evidence from Cincinnati, Ohio, Engel, Criminology & Public Policy, <https://dx.doi.org/10.1111/1745-9133.12299>.
- Training Police Investigators to Interview to Detect False Intentions, Sooniste et al., Journal of Police and Criminal Psychology, <https://dx.doi.org/10.1007/s11896-016-9206-9>.
- 'We Would If We Could ... but Not Sure If We Can': Implementing Evidence-Based Practice: The Evidence-Based Practice Agenda in the UK, Fleming & Wingrove, Policing, <https://doi.org/10.1093/police/pax006>.
- Which Way to Better Policing?, Scott, Criminology & Public Policy, <https://dx.doi.org/10.1111/1745-9133.12294>.

## Corrections

- Community-Based Mental Health Treatment Preceding Jail Detention Among Adults with Serious Mental Illness, Swartz & Tabahi, International Journal of Forensic Mental Health, <http://dx.doi.org/10.1080/14999013.2016.1255283>.
- De Novo Advanced Adult-Onset Offending: New Evidence from a Population of Federal Correctional Clients, DeLisi et al., Journal of Forensic Sciences, <https://dx.doi.org/10.1111/1556-4029.13545>.
- Effectiveness of Prison-Based Education Programming and the Implications for Correctional Policy and Practice, Duwe, Criminology & Public Policy, <https://dx.doi.org/10.1111/1745-9133.12296>.
- Evolution of Correctional Education Evaluations and Directions for Future Research, Drake & Fumia, Criminology & Public Policy, <https://dx.doi.org/10.1111/1745-9133.12291>.
- Facing drug problems and advancing sentence plan. Prisoners' perspectives on drug treatment programmes in Finland, Kaskela & Tourunen, International Journal of Comparative and Applied Criminal Justice, <http://dx.doi.org/10.1080/01924036.2017.1326391>.
- In custody deaths of men related to mental illness and substance use: A cross-sectional analysis of administrative records in Ontario, Canada, Vaughan et al, Journal of Forensic and Legal Medicine, <https://doi.org/10.1016/j.jflm.2017.03.002>.
- Limits of Prison Education, Austin, Criminology & Public Policy, <https://dx.doi.org/10.1111/1745-9133.12301>.
- Mental and Physical Healthcare Utilization Among Young Prisoners: A Longitudinal Study, Goncalves et al., International Journal of Forensic Mental Health, <http://dx.doi.org/10.1080/14999013.2016.1273980>.
- Non-Suicidal Self-Injury in UK Prisoners, Knight et al., International Journal of Forensic Mental Health, <http://dx.doi.org/10.1080/14999013.2017.1287139>.
- Reducing Inmate Misconduct and Prison Returns with Facility Education Programs, Pompoco et al., Criminology & Public Policy, <https://dx.doi.org/10.1111/1745-9133.12290>.
- The effect of a social reintegration (parole) program on drug-related prison inmates in Japan: a 4-year prospective study, Yokotani & Tamura, Asian Journal of Criminology, <https://dx.doi.org/10.1007/s11417-016-9235-4>.
- The Rhetoric and Practice of Community Corrections in China, Li, Asian Journal of Criminology, <https://dx.doi.org/10.1007/s11417-016-9237-2>.



Violence During Imprisonment, Forensic Psychiatric Care, and Probation: Correlations and Predictive Validity of the Risk Assessment Instruments COVR, LSI-R, HCR-20V3, and SAPROF, Persson et al., International Journal of Forensic Mental Health, <http://dx.doi.org/10.1080/14999013.2016.1266420>.

Women in Prison in Spain: The Implementation of Bangkok Rules to the Spanish Prison Legislation, Cerezo, European Journal on Criminal Policy and Research, <https://dx.di.org/10.1007/s10610-016-9323-0>.

## Other/General

A Longitudinal Study of Self-Reported Psychopathology in Beginning Ecstasy and Amphetamine Users: A Third Follow-Up Evaluation, Wagner et al., Substance Use & Misuse, <http://dx.doi.org/10.1080/10826084.2017.1290113>.

Adolescent use of opioids and stimulants: testing the influence of peers, self-control, and sports participation, Schaefer & Petkovek, Criminal Justice Studies, <http://www.tandfonline.com/doi/full/10.1080/1478601X.2017.1325365>.

Attributions of Blame in Acquaintance Rape Scenarios: The Role of Blame Scale Presentation Order, Murdoch & Gonsalkorale, Psychiatry, Psychology and Law, <http://dx.doi.org/10.1080/13218719.2017.1315787>.

Benzodiazepine use of community-based violent offenders: a preliminary investigation, Albrecht et al., Journal of Substance Use, <http://dx.doi.org/10.1080/14659891.2016.1195893>.

Can lawsuits stop the US opioid epidemic?, Whyte, New Scientist, [https://doi.org/10.1016/S0262-4079\(17\)30928-4](https://doi.org/10.1016/S0262-4079(17)30928-4).

Corruption in Public Procurement: Finding the Right Indicators, European Journal on Criminal Policy and Research, Ferwerda et al., <https://dx.doi.org/10.1007/s10610-016-9312-3>.

Cut from the Same Cloth? A Comparative Study of Domestic Extremists and Gang Members in the United States, Pyrooz et al., Justice Quarterly, <http://dx.doi.org/10.1080/07418825.2017.1311357>.

Developing tailored planning models for forensic organisations, Ffreitag & Found, Australian Journal of Forensic Sciences, <http://dx.doi.org/10.1080/00450618.2016.1153716>.

Differential effects of general versus cued invitations on children's reports of a repeated event episode, Danby et al., Psychology, Crime & Law, <http://dx.doi.org/10.1080/1068316X.2017.1324028>.

Don't make too much fuss about it. Negotiating adult cannabis use, Dahl & Demant, Drugs: Education, Prevention and Policy, <http://dx.doi.org/10.1080/09687637.2017.1325444>.

Effects of regular cannabis use on neurocognition, brain structure, and function: a systematic review of findings in adults, Nader & Sanchez, The American Journal of Drug and Alcohol Abuse, <http://dx.doi.org/10.1080/00952990.2017.1306746>.

Emergency service use is common in the year before death among drug users who die from an overdose, Gjersing et al., Journal of Substance Use, <http://dx.doi.org/10.1080/14659891.2016.1208778>.

Examining the Externalities of Welfare Reform: TANF and Crime, Liebertz & Bunch, Justice Quarterly, <http://dx.doi.org/10.1080/07418825.2017.1323113>.

Forensic imaging, Grabherr, Forensic Science Research, <http://www.tandfonline.com/doi/full/10.1080/20961790.2017.1317691>.

Forensic Sciences Research: from dream to reality, Vieira & Shen, Forensic Science Research, <http://www.tandfonline.com/doi/full/10.1080/20961790.2017.1292990>.

- Gender inequality and homicide: a cross-national examination, Heirigs & Moore, International Journal of Comparative and Applied Criminal Justice, <http://dx.doi.org/10.1080/01924036.2017.1322112>.
- Harmonisation of National Criminal Laws on Maritime Piracy: a Regulatory Proposal for the Crime of Piracy and its Penalties, Lorca, European Journal on Criminal Policy and Research, <https://dx.doi.org/10.1007/s10610-016-9325-y>.
- Homicide of children and adolescents in Mexico (1990–2013), Frias & Finkelhor, International Journal of Comparative and Applied Criminal Justice, <http://dx.doi.org/10.1080/01924036.2017.1325760>.
- How Best to Engage Users of Forensic Services in Research: Literature Review and Recommendations, Vollm et al., International Journal of Forensic Mental Health, <http://dx.doi.org/10.1080/14999013.2016.1255282>.
- In the aftermath of disclosing child sexual abuse: consequences, needs, and wishes, Stiller & Hellmann, Journal of Sexual Aggression, <http://dx.doi.org/10.1080/13552600.2017.1318964>.
- Kidnapped: The Ethics of Paying Ransoms, Howard, Journal of Applied Philosophy, <https://dx.doi.org/10.1111/japp.12272>.
- Kind regards: an examination of one buyer's attempt to purchase a trafficked child for sex, Bach & Litam, Journal of Sexual Aggression, <http://dx.doi.org/10.1080/13552600.2017.1323124>.
- Low cannabis dose may boost old brains, Le Page, New Scientist, [https://doi.org/10.1016/S0262-4079\(17\)30905-3](https://doi.org/10.1016/S0262-4079(17)30905-3).
- Mobile phone messaging for illicit drug and alcohol dependence: A systematic review of the literature, Tofighi et al., Drug and Alcohol Review, <https://dx.doi.org/10.1111/dar.12535>.
- Money laundering regulatory risk evaluation using Bitmap Index-based Decision Tree, Jayasree & Balan, <https://doi.org/10.1016/j.jaubas.2016.03.001>.
- Now, later, or not at all: personal and situational factors impacting burglars' target choices, Roth & Roberts, Journal of Crime and Justice, <http://dx.doi.org/10.1080/0735648X.2015.1078253>.
- Older adults' marijuana use, injuries, and emergency department visits, Choi et al., The American Journal of Drug and Alcohol Abuse, <http://dx.doi.org/10.1080/00952990.2017.1318891>.
- Parents' knowledge and attitudes about youths' interrogation rights, Cleary & Warner, Psychology, Crime & Law, <http://dx.doi.org/10.1080/1068316X.2017.1324030>.
- Psilocybin-Assisted Therapy: A Review of a Novel Treatment for Psychiatric Disorders, Thomas et al., Journal of Psychoactive Drugs, <http://dx.doi.org/10.1080/02791072.2017.1320734>.
- Psychotropic Drug-Related Fall Incidents in Nursing Home Residents Living in the Eastern Part of The Netherlands, Janus et al., <https://dx.doi.org/10.1007/s40268-017-0181-0>.
- Readiness to Use Psychoactive Substances Among Second-Generation Adolescent Immigrants and Perceptions of Parental Immigration-Related Trauma, Aviad-Wilchek, Substance Use & Misuse, <http://dx.doi.org/10.1080/10826084.2017.1298618>.
- Real-time experiment of water security measurement sensors in a drinking water system: Case study: The Colorado State University Campus, Cho et al., Environmental Forensics, <http://dx.doi.org/10.1080/15275922.2017.1304466>.
- Remote sensing for environmental forensics: Thermal infrared images capture different surface temperatures in pollutant pools and dosed soils due to volatilization, Maio et al., Environmental Forensics, <http://dx.doi.org/10.1080/15275922.2017.1304469>.
- Social Network Position of Gang Members in Schools: Implications for Recruitment and Gang Prevention, Gallupe & Gravel, Justice Quarterly, <http://dx.doi.org/10.1080/07418825.2017.1323114>.
- Species identification of white false hellebore (*Veratrum album* subsp. *oxysepalum*) using real-time PCR, Kikkawa et al., Forensic Science International, <https://doi.org/10.1016/j.forsciint.2017.02.002>.

The relationship between initial route of heroin administration and speed of transition to daily heroin use, Hines et al., Drug and Alcohol Review, <https://dx.doi.org/10.1111/dar.12560>.

The role of beliefs about aggression in cyberbullying and animal abuse, Sanders & Henry. Psychology, Crime & Law, <http://dx.doi.org/10.1080/1068316X.2017.1327585>.