CURRENT CONTENTS

ŘÍJEN 2009

| Criminology. An Interdisciplinary Journal | Vol.47, 2009, č.3 |
|-------------------------------------------|-------------------|
| The Police Chief | Vol.76, 2009, č.9 |
| Journal of Forensic Sciences | Vol 54 2009 č 5 |

CRIMINOLOGY

AN INTERDISCIPLINARY JOURNAL THE OFFICIAL PUBLICATION OF THE AMERICAN SOCIETY OF CRIMINOLOGY **ARTICLES** DO RETURNING PAROLEES AFFECT NEIGHBORHOOD CRIME? A CASE STUDY OF SACRAMENTO 619 John R. Hipp and Daniel K. Yates SHORT-TERM CHANGES IN ADULT ARREST RATES INFLUENCE LATER SHORT-TERM CHANGES IN SERIOUS MALE DELINQUENCY PREVALENCE: A TIME-DEPENDENT RELATIONSHIP 657 Ralph B. Taylor, Philip W. Harris, Peter R. Jones, Doris Weiland, R. Marie Garcia, and Eric S. McCord ESTIMATING A DOSE-RESPONSE RELATIONSHIP BETWEEN LENGTH OF STAY AND FUTURE RECIDIVISM IN SERIOUS JUVENILE OFFENDERS..... 699 Thomas A. Loughran, Edward P. Mulvey, Carol A. Schubert, Jeffrey Fagan, Alex R. Piquero, and Sandra H. Losoya IS THE ANTISOCIAL CHILD FATHER OF THE ABUSIVE MAN? A 40-YEAR PROSPECTIVE LONGITUDINAL STUDY ON THE DEVELOPMENTAL ANTECEDENTS OF INTIMATE PARTNER VIOLENCE 741 Patrick Lussier, David P. Farrington, and Terrie E. Moffitt LIFESTYLE, RATIONAL CHOICE, AND ADOLESCENT FEAR: A TEST OF A RISK-ASSESSMENT FRAMEWORK..... 781 Chris Melde U.S. ATTORNEYS AND SUBSTANTIAL ASSISTANCE DEPARTURES: TESTING FOR INTERPROSECUTOR DISPARITY 813 Cassia Spohn and Robert Fornango NEIGHBORHOOD RACIAL CONTEXT AND PERCEPTIONS OF POLICE-BASED RACIAL DISCRIMINATION AMONG BLACK YOUTH..... 847 Eric A. Stewart, Eric P. Baumer, Rod K. Brunson, and Ronald L. Simons IMMIGRATION AND THE RECENT VIOLENT CRIME DROP IN THE UNITED STATES: A POOLED, CROSS-SECTIONAL TIME-SERIES ANALYSIS OF METROPOLITAN AREAS 889 Jacob I. Stowell, Steven F. Messner, Kelly F. McGeever, and Lawrence E. Raffalovich TESTING SOCIAL LEARNING THEORY USING REINFORCEMENT'S RESIDUE: A MULTILEVEL ANALYSIS OF SELF-REPORTED THEFT AND MARIJUANA USE IN THE NATIONAL YOUTH SURVEY..... 929 Jonathan R. Brauer THE DYNAMICS OF CRIME REGIMES 971 Richard Berk and John MacDonald

NUMBER 3

AUGUST 2009

VOLUME 47

PoliceChief SEPTEMBER 2009 VOLUME LXXVI, NUMBER 9

The official publication of the International Association of Chiefs of Police, Inc.

ARTICLES

Special Focus: Forensics

Guest Editors: Kevin L. Lothridge, Chief Executive Officer; Chris Vivian, Corporate Communications Coordinator; and Bill Coté, Communications Specialist, National Forensic Science Technology Center, Largo, Florida

- 24 Forensic Science—A Critical Concern for Police Chiefs By Joseph Polski
- 26 The Need for Mandatory Accreditation and Certification By Frank Fitzpatrick and Kenneth Martin
- 28 Targeting Organized Retail Crime: Inside the Forensic Operations of One of the World's Largest Retailers
 By Rick Lautenbach
- 30 Speed-Measuring Devices: The Importance of Maintaining Confidence in Their Accuracy
 By Sarah Hom
- 32 Conforming Product List (CPL)
- 42 Helping Local Police Departments Solve Cold Cases By Chuck Heurich
- 48 Fighting Internet Child Pornography—The Brazilian Experience By Paulo Fagundes
- 56 The "Miami Barrel" By Thomas Fadul
- 58 Portable Field Investigative Tools for Law Enforcement By Eamonn McGee

COLUMNS

- 6 President's Message: Law Enforcement and Public Perception: Race, Ethnicity, and Community Policing By Russell B. Laine
- 8 Legislative Alert: IACP Opposed Concealed Carry Legislation Fails in Senate By Meredith Mays
- 10 IACP Foundation: Foundation Honors Sacrifice through Scholarship By Joseph C. Carter
- 14 Chief's Counsel: ADA and the Hiring Process By Martin J. Mayer
- 22 From the Acting Director: NIJ—Improving All Forensic Sciences By Kristina Rose

DEPARTMENTS

18 Advances & Applications

70 IACP News

36 New Members

72 Index to Advertisers

38 Product Update

74 Highway Safety Initiatives

68 Technology Talk

Journal of Forensic Sciences

Contents

Anthropology

| Papers | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| Reconstructing the Sequence of Events Surrounding Body Disposition Based on Color Staining of Bone— | |
| MEAGHAN A. HUCULAK AND TRACY L. ROGERS | 979 |
| Cranial Nonmetric Variation and Estimating Ancestry—JOSEPH T. HEFNER | 985 |
| Sexual Dimorphism of the Humerus in Contemporary Cretans—A Population-Specific Study and a Review | 006 |
| of the Literature—ELENA F. KRANIOTI AND MANOLIS MICHALODIMITRAKIS | 996 |
| Criminalistics | |
| Panara | |
| Papers | 1001 |
| Polymerase Resistance to Polymerase Chain Reaction Inhibitors in Bone—KENNETH D. EILERT AND DAVID R. FORAN | 1001 1008 |
| A 26plex Autosomal STR Assay to Aid Human Identity Testing—CAROLYN R. HILL, JOHN M. BUTLER, AND PETER M. VALLONE Texas Population Substructure and Its Impact on Estimating the Rarity of Y STR Haplotypes from DNA | 1008 |
| Evidence—BRUCE BUDOWLE, JIANYE GE, XAVIER G. ARANDA, JOHN V. PLANZ, ARTHUR J. EISENBERG, | |
| AND RANAJIT CHAKRABORTY | 1016 |
| Differentiation of Twenty-One Glitter Lip-Glosses by Pyrolysis Gas Chromatography/Mass Spectroscopy—MEGAN ZELLNER | 1000 |
| AND LAWRENCE QUARINO | 1022 1029 |
| Destruction of Peroxide Explosives—JIMMIE C. OXLEY, JAMES L. SMITH, JIAORONG HUANG, AND WEI LUO | 1029 |
| Visualization of Latent Fingerprint Corrosion of Brass—JOHN W. BOND | 1054 |
| Technical Notes | |
| Molecular Identification of Indian Crocodile Species: PCR-RFLP Method for Forensic Authentication—P. R. MEGANATHAN, | 1042 |
| BHAWNA DUBEY, AND IKRAMUL HAQUE | 1042 |
| Validation of the AmpF/STR® MiniFiler TM PCR Amplification Kit for Use in Forensic Casework—CORAL LUCE, | 1046 |
| SHAWN MONTPETIT, DAVID GANGITANO, AND PATRICK O'DONNELL Some Examples of Applications of a Microthermal Desorption Device in the Forensic Laboratory—JAN ANDRASKO | 1055 |
| Effects of Cyanoacrylate Fuming, Time After Recovery, and Location of Biological Material on the Recovery | |
| and Analysis of DNA from Post-Blast Pipe Bomb Fragments—TODD W. BILLE, CARTER CROMARTIE, AND MATTHEW FARR | 1059 |
| An Investigation into Whether or Not the Class and Individual Characteristics of Five Turkish Manufactured Pistols Change | |
| During Extensive Firing—AYLIN YALÇIN SARIBEY, ABIGAIL GRACE HANNAM, AND CELIK TARIMCI | 1068 |
| Case Report | |
| Application of DNA Forensic Techniques for Identifying Poached Guanacos (Lama guanicoe) | |
| in Chilean Patagonia—Juan C. Marín, Cristian E. Saucedo, Paulo Corti, and Benito A. González | 1073 |
| General | |
| Paper | |
| The Relationship Between Deprivation and Forensic Opportunities with Stolen Vehicles—LISA L. SMITH AND JOHN W. BOND | 1077 |
| · · · · · · · · · · · · · · · · · · · | |

JOURNAL OF FORENSIC SCIENCES

Odontology

| Paper | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| Personal Identification by Morphometric Analyses of Intra-Oral Radiographs of Unrestored Teeth—valeria santoro, PIERCARLO LOZITO, NUNZIO MASTROROCCO, ANTONIO DE DONNO, AND FRANCESCO INTRONA | 1081 |
| Pathology and Biology | • |
| Papers | |
| Postmortem Detection of Hepatitis B, C, and Human Immunodeficiency Virus Genomes in Blood Samples from Drug-Related | |
| Deaths in Denmark—mette brandt eriksen, marianne antonius jakobsen, birgitte kringsholm, jytte banner, jørgen L. thomsen, jørgen georgsen, court pedersen, and peer brehm christensen | 1085 |
| Six-Year Retrospective Study of Suicidal Hangings: Determination of the Pattern of Limb Lesions Induced by Body Responses to Asphyxia by Hanging—ANNY SAUVAGEAU, ANNY GODIN, SÉBASTIEN DESNOYERS, AND CÉLIA KREMER | 1089 |
| Characteristic Features of Pediatric Firearm Fatalities—Comparisons Between Australia | |
| and the United States—ROGER W. BYARD, ELISABETH HAAS, DREW T. MARSHALL, JOHN D. GILBERT, AND HENRY F. KROUS | 1093 |
| Suicide Among Children and Adolescents in a Province of Turkey—IBRAHIM UZUN, FERAH ANIK KARAYEL, | |
| ELIF ULKER AKYILDIZ, ARZU AKCAY TURAN, SADIK TOPRAK, AND BAHA BERK ARPAK | 1097 |
| Foreigners Dying in Istanbul—IBRAHIM UZUN, OSMAN CELBIS, CETIN LUTFI BAYDAR, NEVZAT ALKAN, AND MURAT NIHAT ARSLAN | 1101 |
| The Influence of Clothing and Wrapping on Carcass Decomposition and Arthropod Succession During the Warmer Seasons | 1106 |
| in Central South Africa—Janine A. Kelly, Theuns C. Van der Linde, and Gail S. anderson | 1105 |
| Technical Notes | |
| Pulse Variations of a Conducted Energy Weapon (Similar to the TASER® X26 Device): Effects on Muscle Contraction | |
| and Threshold for Ventricular Fibrillation—CHARLES W. BEASON, JAMES R. JAUCHEM, C. D. CLARK III, JAMES E. PARKER, AND DAVID A. FINES | 1113 |
| Is Differentiation of Frequently Encountered Foreign Bodies in Corpses Possible by Hounsfield Density Measurement?— STEPHAN A. BOLLIGER, LARS OESTERHELWEG, DANNY SPENDLOVE, STEFFEN ROSS, AND MICHAEL J. THALI | 1119 |
| Forensic Imaging-Guided Recovery of Nuclear DNA from the Spinal Cord—H. THEODORE HARCKE, TIMOTHY MONAGHAN, NICOLE YEE, AND LOUIS FINELLI | 1123 |
| Fatalities Caused by Spherical Bullets Fired from Blank Cartridge Guns in Istanbul, Turkey—iBrahim ÜZÜN, YALÇIN BÜYÜK, ZERRIN ERKOL, HASAN AĞRITMIS, AND ZIYA KIR | 1127 |
| Sequences of the Cytochrome C Oxidase Subunit I (COI) Gene are Suitable for Species Identification of Korean | |
| Calliphorinae Flies of Forensic Importance (Diptera: Calliphoridae)—SEONG HWAN PARK, YONG ZHANG, HUGUO PIAO, | 1101 |
| DONG HA YU, HYUN JU JEONG, GA YOUNG YOO, TAE-HO JO, AND JUCK-JOON HWANG | 1131 |
| Nocturnal Oviposition Behavior of Necrophagous Dipterans in Kelantan, Malaysia—HELMI MOHD HADI PRITAM AND PAUL T. JAYAPRAKASH | 1135 |
| Case Reports | |
| Sickle Cell Trait Mimicking Multiple Inflicted Injuries in a 5-Year-Old Boy—CHARIS KEPRON, GINO R. SOMERS, AND MICHAEL S. POLLANEN | 1141 |
| A Case of Fatal Spontaneous Varicose Vein Rupture—An Example of Incorrect First Aid—PETR HEJNA | 1146 |
| Unusual Death of a Transvestite: Identification of Crime Weapon and Survival Time—SANDRA CORNETTA, | |
| ANNALISA ADDANTE, FIORENZA ZOTTI, AND ALESSANDRO DELL'ERBA | 1149 |
| Pseudo-Stab Wounds: Putrefactive Dehiscence of Remote Surgical Incisions Masquerading as Stab Wounds—JAMES R. GILL, DENNIS P. CAVALLI, AND SUSAN F. ELY | 1152 |
| Phychiatry | |
| Paper | |
| Preventing Suicide in Jails and Prisons: Suggestions from Experience with Psychiatric Inpatients—MAURIZIO POMPILI, | 1155 |