Forensic Sciences: Will Technology Provide the Answers?

INVESTIGATION FOR IDENTIFICATION

Conference: Friday, August 28 – Saturday, August 29, 2015 *Pre-Conference Workshops:* Thursday, August 27, 2015

The Ritz-Carlton, New Orleans

New Orleans • August 27-29, 2015 Register online at www.LSUForensics.org



8.29.15 10th Anniversary of Hurricane Katrina



Educational Conference

and Workshops

LSU Health Continuing Dental Education is the brand name of LSU's overall continuing dental education program; it represents the long-standing affiliation and working relationship between LSU School of Dentistry and The Louisiana Academy of Continuing Dental Education, Inc. for the purpose of developing and marketing continuing education courses.

Pre-Conference WORKSHOPS

Separate registration and fee required for workshops. Register early, space is limited.

Thursday, August 27, 2015

ALL DAY • 8:00 am – 4:30 pm

(registration 7:00 am - 8:00 am) Forensic Dental Identification Hands-on Workshop Including a Mass Casualty Exercise David L. Wells, DDS, MS, Col, USAF, DC 7 hrs. CDE Credits (2 hours lecture and 5 hours participation) For Dentists & Hygienists

This full-day workshop will cover the fundamentals of conducting a postmortem dental examination and identification. A twohour overview lecture will review basic principles of forensic identification of human remains using dental evidence. The lecture is followed by a five-hour mass casualty exercise utilizing cadaver specimens. Participants will work in teams to identify over 25 remains from a mock air crash incident. The teams will work on a combination of skeletonized and formalin-fixed cadaver specimens. Learn the history of mass disaster victim identification and experience being part of the dental identification team.

AM WORKSHOP • 8:30 am – 12:00 pm (registration 7:30 am - 8:30 am)

Emerging Issues in School Safety – Overview of School Safety Developments and Best Practices for Decision Makers

Amanda Klinger, Esq. / Amy Klinger, EdD 3.5 hrs. CDE Credits For Educators & Law Enforcement

Attendees will receive an overview of the following school-safety issues and low, or no-cost methods for training and empowering educators: Active shooter response for schools—what do past events, academic scholarship, and the NEW Department of Education and Federal Emergency Management Agency guidelines mean for improving lockdown and responding to an active shooter event in a school? Threat assessment management—how do we identify, assess, and provide appropriate supports and interventions to students that are at risk of violence to themselves or others. Violence prevention for schools—how schools can improve daily practices and procedures to prevent all types of violence in schools. Student technology use during crisis events—what students are saying and doing during school crisis events and what schools can do to respond. Parent reunification planning-what steps must schools take in order to safely and effectively reunify parents with students after a traumatic event.

PM WORKSHOP • 1:30 pm - 5:00 pm (registration 12:30 pm - 1:30 pm) Facial Reconstruction on a Skull for Beginners *Lois Gibson* 3.5 hrs. CDE Credits For Educators & Low Enforcement

For Educators & Law Enforcement

Attendees will be guided step-by-step how to draw, or reconstruct, the face of an unidentified murder victim from only the skull. All necessary landmarks will be clearly marked so the novice can produce a recognizable face from only the bony underpinnings. A photo of the murdered subject's face will be revealed at the conclusion for comparison with attendees' drawings.

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Who Should Attend

General Dentists, Physicians, Educators, Law and Criminology Professionals – Coroners, District Attorneys, Forensic Examiners, Forensic Pathologists, Crime Scene Investigators, Police Chiefs, Police Officers, and other Related Fields.

Conference Objectives

At the end of the conference, participants should be better able to:

- Have increased knowledge of new techniques and advances in forensic sciences
- Learn the role of the forensic dentist in assisting law enforcement, medico-legal death investigation, and the judicial system
- Understand the use and interpretation of findings during autopsy
- Understand the role of bias, conflict, and ethics to lessen potential conflicts which can compromise investigations
- Appreciate the complexities of mass disaster victim identification and the need for various disciplines involved in disaster recovery to communicate with each other
- Hear lessons learned from first-hand experience dealing with mass disaster
- Learn how experienced investigators develop new information and re-analyze previously gained information in cold cases
- · Develop the forensic artist lurking inside
- Mentally walk through and recreate active shooter incidents to learn how potential victims and by-standers may react in ways that keep them safe from harm
- Learn how investigators can pinpoint the geographic location and the computer from which emails were sent

Accreditation and Credit Designation

Continuing Dental Education (CDE)

LSU Health Continuing Dental Education is an ADA CERP Recognized Provider.

ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry.

LSU Health Continuing Dental Education designates this activity for a maximum of 14 hours of continuing education credit.

Concerns or complaints about a CE provider may be directed to the provider or to the Commission for Continuing Education Provider Recognition at ADA.org/CERP.

American Board of Medicolegal Death Investigators (ABMDI)

This activity is accredited for a maximum of 12 hours of continuing education credit. Participants should claim only those hours of credit that they actually spend on the educational activity.

Continuing Medical Education (CME)

AMA PRA Category 1 Credits[™] approval is pending.

Continuing Legal Education (CLE)

CLE credits approval is pending.

Program Schedule

Thursday, August 27, 2015								
8:00 am – 4:30 pm	All Day Workshop – <i>Hands-On Workshop</i> Forensic Dental Identification • David L. Wells, DDS, MS, Col, USAF, DC							
8:30 am – 12:00 pm	AM Workshop Emerging Issues in School Safety – Overview of School Safety Developments and Best Practices for Decision Makers • Amanda Klinger, Esq. / Amy Klinger, EdD							
1:30 pm – 5:00 pm	PM Workshop Facial Reconstruction on a Skull for Beginners • Lois Gibson							
3:00 pm – 6:00 pm	Conference Early Bird Registration and Sign-In							
6:00 pm – 7:30 pm	Welcome Reception							
Friday, August 28, 2015								
7:00 am – 8:00 am	Registration Sign-In & Continental Breakfast							
8:00 am – 8:10 am	Welcome Remarks • Robert E. Barsley, DDS, JD and Henry A. Gremillion, DDS, MAGD							
8:10 am – 9:40 am	Philip Levine Memorial Lecture New Concepts in Crime Scene Analysis • Henry C. Lee, PhD							
9:40 am – 10:00 am	Break							
10:00 am – 11:30 am	Robert Brannon Memorial Lecture From Complicated Dental IDs to Bite Marks—It's Not Always What it Seems to Be! • Richard R. Souviron, DDS, ABFO							
11:30 am – 1:00 pm	Lunch on Your Own							
1:00 pm – 2:30 pm	Lessons Learned from School Shootings—How Past Events, Academic Research, and Federal Recommendations are Reshaping Active Shooter Response in Schools • Amanda Klinger, Esq. and Amy Klinger, EdD							
2:30 pm – 3:00 pm	Break							
3:00 pm – 4:30 pm	Forensic Art in the New Digital Facial Identification Age • Lois Gibson							
4:30 pm – 5:00 pm	Question and Answer Session							
5:00 pm	Adjourn for the Day							
Saturday, August 29, 2015								
7:00 am – 8:00 am	Sign-In & Continental Breakfast							
8:00 am – 10:00 am	Opening Keynote Speaker Cognitive Bias in the Interpretation of Forensic Evidence • Itiel Dror, PhD							
10:00 am – 10:30 am	Break							
10:30 am – 12:00 pm	Virtual Autopsy • David Fowler, MD							
12:00 pm – 1:30 pm	Lunch on Your Own							
1:30 pm – 3:00 pm	Computer and Internet Forensics: The Ins and Outs of Data Storage, Data Transmission, and Tracking Down Cyber Crime • R. Lance Fogarty, CISSP, CCE							
3:00 pm – 3:30 pm	Break							
3:30 pm – 5:00 pm	Standards and the Interoperability of Forensic Dental Data Systems • Bradford J. Wing, MS							
5:00 pm	Meeting Adjourns							

Every effort has been made to present the schedule as accurately as possible from information available at brochure printing time. We reserve the right to make changes to the program and notice of changes will be announced at the meeting.

Faculty

Course Directors: Robert E. Barsley, DDS, JD • Philip J. Levine, DDS, MS, MSM (In Memoriam)

Itiel E. Dror, PhD

Dr. Dror is a cognitive neuroscientist. Interested in the cognitive architecture that underpins expertise, he attained a PhD at Harvard University. He has been working with the U.S. Air Force, frontline police, medical surgeons, financial traders, and other expert domains, finding ways to enhance decision quality and performance. In the forensic domain he has demonstrated how contextual information can influence the judgments and decision making of experts; he has

shown that even fingerprint and DNA experts can reach different conclusions when the same evidence is presented within different extraneous contexts. Dr. Dror is the Chair of the OSAC Forensic Human Factors Group and is working with forensic examiners in the US and in the UK (as well as in The Netherlands, Finland, Canada, and Australia) in providing training and implementing cognitive best practices in evaluating forensic evidence. He is also on the National Commission on Forensic Science (NCFS) Human Factor Subcommittee.



For his work in training and improving forensic work, Dr. Dror has received the ABP (Association for Business Psychology) 2014 Annual Award for "Excellence in Training." Dr. Dror has published over 100 research articles, and has been extensively cited in the American National Academy of Sciences Report on Forensic Science, and the UK Fingerprint Public Inquiry on fingerprinting. More information is available at www.cci-hq.com.

R. Lance Fogarty, CISSP, CCE

Upon founding Protegga in 2003, Lance advised his clients on network and computer security using his nearly thirty years of experience in



corporate networks and computing systems, all facets of the internet, physical, network, computer, and Internet security. Lance has focused solely on the Computer Forensics, e-Discovery, Data Collection, and Litigation Support aspects of computer security since 2005. Lance has assisted clients in retrieving and analyzing computer evidence in cases involving Breach of Fiduciary Duty, Theft of Intellectual Property, Theft of Trade Secrets, Fraud, Forgery, Breach of Contract, Hidden Assets, Child Custody, Securities and

Exchange Commission Investigations, Department of Justice Antitrust Investigations, Investigations on behalf of Bankruptcy Trustees, Spoliation and Destruction of Evidence, and other legal matters. As an expert witness, Lance has provided testimony in both federal and state courts, including those in Texas, California, and Illinois. In addition to offering CLE classes, Lance has also published several white papers and case studies regarding computer forensics, privacy issues, and choosing an expert witness.

David R. Fowler, MD

A native of Rhodesia—now known as Zimbabwe—David R. Fowler attended medical school at University of Cape Town in South Africa and completed a five-year residency in forensic pathology. Dr. Fowler came to the U.S. in 1991 for a residency in anatomic pathology at University of Maryland Medical Center. He did a two-year fellowship in forensic pathology at the Office of the Chief Medical Examiner and remained as an Assistant Medical Examiner. Dr. Fowler was promoted to Deputy Chief Medical Examiner in 1998 and named Chief Medical Examiner in 2002.

Dr. Fowler has had numerous articles published in medical journals, and his work has been included in a number of books. He holds numerous professional memberships, committee positions, and teaching services. He lectures to federal, state and local agencies and organizations.



Lois Gibson

Lois Gibson is recorded in the Guinness Book of Records as The World's Most Successful Forensic Artist. Her sketches have helped law



enforcement bring in over 1,266 criminals. She is a graduate of the University of Texas at Austin with a Bachelor of Fine Arts with Honors and the FBI Academy Forensic Artist Course. She now teaches this profession at Northwestern University. She completed the textbook for her profession titled *Forensic Art Essentials* released by Elsevier Academic Press December 2007. Her true-crime book *Faces of Evil* which profiles some of her most fascinating cases was co-authored with renowned writer Deanie Francis Mills. Both

books are available in book stores and online. Her 2007 sketch of an unidentified murdered baby girl called "Baby Grace" prompted Riley Ann Sawyers' grandmother to identify her for the Galveston authorities resulting in the apprehension and conviction of her murderers. In the last six months she has appeared on TRU TV's *Forensic Files* (Clear Lake Texas quadruple murder) and A&E's *First 48* (the segment titled "Cold and Callous"). Lois has been profiled in and on ABC's 20/20; *Dateline NBC, People* Magazine, CNN, *Larry King Live*, the *CBS Early Show*, etc.

Amanda Klinger, Esq.

Amanda Klinger, Esq. is nationally recognized as an expert in cyberbullying, school safety, and the law. She delivers trainings and lectures throughout the United States and abroad.

Ms. Klinger has past experience both as an attorney and an educator. After earning a degree from Denison University, she worked as an elementary and secondary teacher before graduating from the University of



Akron School of Law. Her expertise in active shooter response, crisis management, vulnerability assessment and mitigation, lockdown enhancements, cyberbullying, and the use of technology during crisis events is derived from her work with Dr. Amy Klinger in developing training courses for the Department of Homeland Security and the Federal Emergency Management Agency.

Ms. Klinger frequently keynotes and presents at regional and national education, law enforcement, and safety conferences related to crisis response, technology, and legal issues.

She is the Founder and Director of Operations for The Educator's School Safety Network.

Faculty

Amy Klinger, EdD

Dr. Amy Klinger is nationally recognized as an expert in school safety and crisis management. She delivers trainings and lectures throughout the United States and abroad.

Dr. Klinger has over 28 years of experience as an educator and administrator. She brings a practitioner's perspective to the critical concerns of school crisis response. With her expertise in active shooter response, crisis planning and preparedness, vulnerability



assessment and mitigation, as well as lockdown enhancements, Dr. Klinger combines a knowledge of law enforcement procedures with the practical experience of educational administration.

Dr. Klinger is an Associate Professor of Educational Administration at Ashland University and is Founder and Director of Programs for The Educator's School Safety Network.

Henry C. Lee, PhD

Dr. Henry C. Lee is one of the world's foremost forensic scientists.



Dr. Lee's work has made him a landmark in modern-day forensic sciences. He has been a prominent player in many of the most challenging cases of the last 50 years. Dr. Lee has assisted police from 46 countries in helping to solve more than 8,000 cases; such as the murder of Jon Benet Ramsey, the suicide of Vincent Foster, kidnapping of Elizabeth Smart, death of Chandra Levy, the reinvestigation of the Kennedy assassination and the Casey Anthony case.

Dr. Lee is currently the director of Forensic

Research and Training Center and Distinguished Chair Professor in Forensic Science of the University at New Haven. He was the Chief Emeritus for Connecticut State Police during 2000 to 2010, Commissioner of State Police & Public Safety for Connecticut during 1998 to 2000, and was the Chief Criminalist & Director for Forensic Lab from 1976 to 1998. He currently serves as advisor/consultant for more than 150 law enforcement agencies around the world.



Richard Souviron, DDS, ABFO

Dr. Richard Souviron serves as the Chief Forensic Odontologist for the Miami-Dade County Medical Examiner Office, a position that he has held since 1967. Dr. Souviron received his undergraduate degree at the University of Miami and Emory University School of Dentistry in 1960. In addition to his dental practice, Dr. Souviron has served in the field of Forensic Odontology since 1967 and has pioneered the field for the United



States. He is the founding member of the American Board of Forensic Odontology and holds the #2 certificate as a Diplomate. He was one of the eight founding members of the Odontology section of the American Board of Forensic Odontology.

Dr. Souviron has provided the first bite mark testimony in the State of Florida and several other southern states. He has served as an expert witness in some high profile cases including the State of Florida versus Theodore Bundy, the West Memphis Three case, recently featured on *48 Hours* and the Abdul Hossan murder case in Miami Dade County recently featured on *Dr. G Discovery Health*, the Kennedy Brewer case on *60 Minutes* and the Philip Spector murder case and several others on *Forensic Files*, CNN, *Dateline*, etc.



David L. Wells, DDS, MS, Col, USAF, DC

David L. Wells, DDS, MS, Col, USAF, DC currently serves as the Director of Dental Operations Joint Base Elmendorf-Richardson in Alaska and as Military Consultant to the Surgeon General for Oral & Maxillofacial Pathology.

Bradford J. Wing, MS

Mr. Wing is employed by the National Institute of Standards and Technology (NIST), where he serves as

Biometrics Standards Coordinator. He is the chair of the Inter agency Forum on Biometrics and Identity Management, former chair of the White House Subcommittee on Biometrics, founder and past chair of the Department of Homeland Security (DHS) Biometrics Coordination Group, current Ombudsman of the National Information Exchange Model Biometrics Domain, and current chair of the Standards Developing Organization ANSI/ NIST-ITL. He has worked in biometrics as



a researcher, practitioner, developer, manager and system designer for over 25 years. Mr. Wing has over 20 years of experience in law enforcement as head of research projects at the Immigration and Naturalization Service and as the Chief Biometrics Engineer for DHS. Mr. Wing also has a technical background in systems analysis, having worked at Brookhaven National Laboratory and the Department of Energy in Operations Research – a field of mathematical engineering.





New Orleans is a unique city... It remains America's most unique, authentic, and enthralling destination. Enjoy the food, music, and unique atmosphere of New Orleans. Find out what will be going on in New Orleans while you are in town by logging on to www.neworleanscvb.com or calling 800-672-6124, Monday – Friday, 8:30 am – 5:00 pm Central Time.

Registration Information REGISTER EARLY AND SAVE

Need more information? Call LSU Health Continuing Dental Education at **504.941.8193** Monday through Friday between 8:00 am and 4:30 pm Central Time, or email at **info@LSUCDE.org**.

Conference • Friday & Saturday, August 28-29, 2015

Registration Category	Early Bird by 7/22/15	Regular 7/23-8/13/15	On-site
Conference • Course #33-15 includes all educational sessions, a thumb drive syllabus, continental breakfasts, breaks, and a Thursday evening recept Lunch on your own each day	\$395 tion.	\$495	\$595
Pre-Conference • Thursday, August 27, 2 (SPACE IS LIMITED! Register Early)	2015		
All Day Workshop • Course #33-15-W Forensic Dental Identification Hands-On Workshop includes continental breakfast, lunch and beverage breaks	\$599	\$599	\$625
AM Workshop • Course #33-15-AM Emerging Issues in School Safety – Overview of School Safety Developments and Best Practices for Decision Makers includes light breakfast	\$125	\$125	\$150
PM Workshop • Course #33-15-PM Facial Reconstruction on a Skull for Beginners includes beverage break	\$200	\$200	\$225
Conference Location and Accommodal The Ritz-Carlton, New Orleans 921 Canal Street • New Orleans, LA 70112 • 504-524-1331 Rate: \$129/night, single or double plus applicable taxes. Mention: LSU Forensics Course: Investigation for Identificat receive group rate. Reservation Cut-Off: Friday, July 17, 2015 Reserve: www.ritzcarlton.com/neworleans or call Central Reservations at 1-800-826-8987, use codes: SIHSIHA (Kings) SIHSIHB (Doubles).	i on to and	Sizes M, L, XL and D	— limited number available
Attendees are encouraged to book hotel rooms with the LSU Forer block. Please checkThe Ritz Carlton, New Orleans cancellation poli- making reservations.		at conference for \$	20.



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IDENTIFICATION Educational Conference and Workshops

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	Day Workshop • Course #3		\$599	\$625	\$
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	/I Workshop • Course #33-1		\$125	\$150	\$
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	I Workshop • Course #33-1	5-PM <i>\$200</i>	\$200	\$225	\$
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NONREFUNDABLE AIRLINE TICKET, FLIGHT CHANGE, OR HOTEL RESERVATION: The Louisiana Academy of Continuing Dental Education, Inc. (dba: LSU Health Continuing Dental Education) cannot be held responsible for the cost of a nonrefundable airline ticket, flight change, or hotel room reservation in the event a course is canceled or rescheduled.

CANCELLATION & REFUND POLICY: The Louisiana Academy of Continuing Dental Education, Inc. (dba: LSU Health Continuing Dental Education) reserves the right to cancel any course or program should circumstances warrant such action. In the event this happens, the Academy will refund the full tuition. If you must cancel your registration for the Conference and All Day Workshop, you will receive a refund (minus 10% administrative fee) if LSU Health Continuing Dental Education receives written notification by August 13, 2015. No refunds will be issued after August 13, 2015.

CONTINUING EDUCATION CREDIT: Continuing education credit awarded for participation in this course may not apply toward license renewal in all states. It is the responsibility of each participant to verify the requirements of his or her state licensing board.

EQUALITY OF EDUCATIONAL OPPORTUNITY: The Louisiana Academy of Continuing Dental Education, Inc., LSU Health Continuing Dental Education, and LSU School of Dentistry are committed to equality of educational opportunity and do not discriminate against applicants, students or employees based on race, color, national origin, religion, sex, age or disability.

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Continuing Dental Education

New Orleans • August 27-29, 2015



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Name

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Hear the views of these nationally renowned forensic experts on the future of forensic sciences.

Itiel Dror, PhD R. Lance Fogarty, CISSP, CCE David Fowler, MD Lois Gibson Amanda Klinger, Esq. Amy Klinger, EdD Henry C. Lee, PhD Richard R. Souviron, DDS, ABFO David L. Wells, DDS, MS, Col, USAF, DC Bradford J. Wing, MS



Right Hand



Left Hand

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