

2014 PNWD-IAI 50th Anniversary Conference



June 10-13, 2014

Coeur d'Alene Resort, Coeur d'Alene, Idaho

**FEATURED SPEAKER:
BRANDON MAYFIELD**



Register online at www.pnwdiai.org!

Hotel reservations: 1-800-688-5253

(Be sure to request the hotel block using code IAIPNW)

Location

The hotel is located at **115 South 2nd Ave.** in downtown Coeur d'Alene. The Coeur d'Alene Resort is easy to reach by automobile via Interstate 90 (Exit 11) or Highway 95 (Northwest Blvd). From the exit, follow the directions to downtown and watch for the Resort on your right.



Lake Coeur d'Alene Dinner Cruise (Wednesday social event)

Room rates

The conference has a block of rooms reserved. Rates are \$129 (North Wing), \$169 (Park Tower), or \$199 per night (Lake Tower). Use the code **IAIPNW** when making your reservation. **Be sure to call by April 22!**

Registration fees (see registration form in this packet)

Full week: Members \$250

Non-members \$325

Single day: Members \$100

Non-members \$125

You can register online at www.pnwdiai.org or complete the registration form included in this packet and return it along with a check via one of the means listed on the bottom of the form.

Parking

Parking on-site costs \$17 per day.

Airport/shuttle

The nearest major airport is in **Spokane**. A shuttle is available for \$69/person, round trip. Call the hotel to make arrangements.

Golf

Call **208-667-GOLF** if you want to play a round of golf at the beautiful resort golf course! We have a special rate of \$165/player, which includes water taxi to the course, 18 holes, golf cart, unlimited floating practice balls, personalized bag tag, forecaddie and complimentary warm-up sports massage. The floating green is pictured below!

Certification testing

If you are awaiting approval for certification testing in your field and wish to take the test at the conference, check the appropriate box on the registration form and return it **by March 31** so that we can arrange for a proctor for your test. Testing is scheduled for Thursday, June 12.

If you are unsure if your application will be approved before the conference, please check with your certification committee members.



2014 PNWD-IAI Conference Agenda

Tuesday, June 10—General Session

Opening ceremonies

Identifying Unidentifieds—Dr. Sally Aiken

Crime Scene Certification: Is It for Me?—Det. Don Ledbetter

Developing Latent Prints on Thermal Paper—Regina Wike

Greg Cook Homicide Investigation—Det. Dave Aydelotte and Det. Greg Retherford

Wednesday, June 11—Workshops

Documenting Bullet Defects at Shooting Scenes—Det. Don Ledbetter & Sgt. Brian Stampfl (8:00-12:00)

Footwear Examination Introductory Workshop—Lesley Hammer (8:00-12:00)

Latent Print Evidence at Fire Scenes—Mark Roberts & Lynne Dean (8:00-12:00)

Tenprint Certification Workshop—Eva Hess & Debra Bashaw (8:00-12:00)

Comparison of Plantar Friction Ridge Impressions—Jon Stimac (1:00-5:00)

Laser Photography—Everything Is Cooler with Lasers—Det. Donald Ledbetter & Sgt. Brian Stampfl (1:00-5:00)

Evolution of Tenprint Identification—Deneen Flowers & Ben Murciego (1:00-5:00)

Fingerprint Comparison 101 for CSI's—Mike Campbell (1:00-5:00)

Thursday, June 12—Workshops

Identification of Animal vs. Human Skeletal Remains—Earline Huckins-Olson (8:00-11:45)

Understanding Probability, Statistics, and their Application to Impression Evidence—Henry Swofford (8:00-11:45)

CSI: The Complete Car Search—Jim Luthy & Mitch Nesson (8:00-4:30)

Tenprint Search & Comparison Techniques—Jon Stimac (8:00-4:30)

An Introduction to Forensic Entomology—Earline Huckins-Olson (12:45-4:30)

Standardization of Latent Print “Suitability” Decisions – A Bayesian Approach (Presentation followed by a Panel Discussion)—Henry Swofford with Julie Brownfield and Lori Moore (12:45-4:30)

Certification testing available (7:30-5:00)

Business meeting (4:30-5:30)

Friday, June 13—General Session

Three Strikes Hearings: A Tenprint Examiner’s Experience—Alan Christensen

Expeditionary Forensics in Afghanistan—Sharon Brazalovich

**Fourth Amendment, FISA, and Fingerprints—
Brandon Mayfield**

TUESDAY NIGHT: President’s Reception

WEDNESDAY NIGHT: Lake Coeur d’Alene Dinner Cruise (\$20 per person)

THURSDAY NIGHT: Conference Banquet

Presentation summaries

Identifying Unidentifieds—Dr. Sally Aiken

The presentation will define how a busy medical examiner's office identifies decedents, including fingerprint identification, radiographic and dental identification, DNA, tattoos, and circumstantial identification. Pitfalls and identification errors will be discussed. The NAMUS database tool will be introduced.

Crime Scene Certification: Is It for Me?—Detective Don Ledbetter

This presentation will discuss the advantages and disadvantages of certification, who is eligible to apply, and the application and testing process. Suggestions will be offered for preparing for eventual recertification. There will be an opportunity for questions and answers at the end of the presentation.

Developing Latent Prints on Thermal Paper—Regina Wike

Thermal paper can be used for a number of things, such as bus passes, plane tickets, old fax machines, and shipping labels, but it is most commonly used for receipts. Most evidence that consists of paper is processed with Ninhydrin. However, the information on thermal receipts is not printed with ink; instead, the thermal paper consists of a leuco dye which makes the information on the receipt turn dark gray or black when too much heat is applied, making any latent prints harder to see. A number of different heat and chemical methods were tested to see which developed the latent fingerprints the best and had the best overall results. The heat instruments and chemicals used were: household iron, hair drier, craft heat gun, Acetic Acid, Ninhydrin, Thermal Ninhydrin, Iodine, and 1,2-Indanedione. Overall the methods that produced the best results were Iodine, 1,2-Indanedione, and Thermal Ninhydrin.

Greg Cook Homicide Investigation—Dets. Dave Aydelotte and Greg Retherford

On July 24th, 2009, a report was received by the Union County Sheriff's Office that a child had found a human hand floating in a pond near the town of Elgin known by locals as the "Goldfish Pond." The Union County Major Crimes Taskforce was activated and a homicide investigation launched. On July 25th, the "Goldfish Pond" was drained, resulting in the discovery of a canvas backpack found to contain the unidentified victim's decapitated head and other severed hand. The resulting investigation led to the recovery of two additional victims found executed and buried in shallow graves and a nationwide manhunt for murder suspect Gregory Alvin Cook.

Documenting Bullet Defects at Shooting Scenes—Detective Don Ledbetter and Sergeant Brian Stampfl

This workshop will discuss the process of documenting bullet defects on structures for use in shooting reconstruction. Attendees will leave with a better understanding of how and why to document bullet defects to support reconstruction efforts. Even if you are not an analyst or reconstructionist, this workshop will improve your crime scene documentation. You will need a digital SLR camera, tripod and macro lens if available. (Attendees from the same agency may share equipment.) This workshop is limited to 16 participants.

Footwear Examination Introductory Workshop—Lesley Hammer

Have you considered adding footwear to your areas of expertise? If you already have training in a discipline such as latent prints, firearms or crime scenes, you already have skills and methods that can be applied to the examination of footwear evidence. This workshop will introduce the principles of examining footwear impressions by discussing the characteristics of shoes that are compared, by introducing the comparison process and by discussing case examples – this is an opportunity to see what this evidence is all about. This workshop will also discuss the additional training and experience recommended before conducting casework, and the resources that are helpful to this pursuit. Whether you are new to the field of forensics or you are an experienced expert in another discipline, this lecture can help you get started on a course toward being a

footwear evidence expert. This is the most overlooked evidence at crime scenes! There is a ton of potential evidence out there that needs local experts to encourage collection and to work the cases – come find out how to make it happen! This workshop is limited to 20 participants.

Latent Print Evidence at Fire Scenes—Mark Roberts, CLPE and Lynne Dean

Explode the myth that Latent Print Evidence does not survive the extreme environment of fire scenes. Explore the relationship between fingerprints and fire, heat, explosion, soot and water. We survey the available research on the topic, and provide practical tips on where to look for, and how to develop, latent print evidence at fire scenes. There will be some hands on exercises that demonstrate some of the principles involved and some of the development techniques available. The workshop is intended to be intermediate, not intended to be a basic crime scene class. It will focus on specific techniques applicable to heated, sooted, and wetted latent prints. However, no experience is necessary, and Investigators of all experience levels are welcome and should benefit.

Participants may get dirty. Dress accordingly, if you wish to participate in hands-on exercises. This workshop is limited to 25 participants.

Tenprint Certification Workshop—Eva Hess, CTPE, LPE and Debra Bashaw CTPE

The workshop will guide examiners through the certification requirement and application process for Tenprint Certification. Hands-on practice materials will be provided during this workshop, as well as helpful tips that will enable the examiner to approach the certification test with confidence and enhance chance for success. Attendees should bring magnifiers to this workshop.

Comparison of Plantar Friction Ridge Impressions—Jon Stimac

Due to their infrequent submission into forensic laboratories, friction ridge impressions recovered at the scene of a crime that originate from the foot/sole (plantar) can challenge even the most tenured comparison analyst. Additionally, it is very likely that, if you have never received formal training specific to analyzing and comparing plantar impressions, you may have misinterpreted a plantar impression as coming from a palm or a finger! Even if the interpretation, analysis and comparison are not problematic, what are the subsequent legal aspects? This 4-hour condensed version of the 16-hour RS&A course is designed to provide the participant with the biological fundamentals, legal admissibility scenarios, source recognition, and practical comparison experience with plantar friction ridge impressions.

Numerous practical exercises supplemented by a lecture and discussion are among the techniques used to provide the attendee with a tangible comparison experience with plantar impressions. The attendee will leave the workshop with valued experience and an increased knowledge of associated philosophies and methodologies.

Participants must bring their own print magnifier(s). This workshop is limited to 20 participants.

Laser Photography—Everything Is Cooler with Lasers—Detective Don Ledbetter and Sergeant Brian Stampfl

This workshop will discuss and demonstrate the process of using lasers to document bullet paths and produce compelling photographs. Attendees will have the opportunity to experiment with several different techniques, using a variety of lasers. You will need a digital SLR camera and tripod. (Attendees from the same agency may share equipment.) This workshop is limited to 16 participants.

Evolution of Tenprint Identification—Deneen Flowers & Ben Murciego

This 4-hour workshop is designed to assist professionals currently employed in tenprint identification in gaining a better understanding of our discipline's background and the ways that it continues to evolve. Tenprint Examiners will also acquire some helpful tips/guidelines for establishing a solid working foundation for their agency. There will be exercises and discussion on the issues being presented. This workshop is limited to 30

participants.

Fingerprint Comparison 101 for CSIs—Mike Campbell

Trying to connect a suspect to a crime or eliminate them from further consideration is the reason agencies process so many crime scenes. Among all of the potential physical evidence that can be collected, latent prints do the job of establishing “links” to possible suspects better than any other physical evidence because of their unique ability to be searched through an AFIS system against millions of possibilities. Once searched, the prints can allow the examiner to quickly identify potential suspects or eliminate them and protect the innocent. Prints work quickly and efficiently and provide absolute answers. But not all latent prints are created equal, and as a crime scene tech, investigator or supervisor it could be less frustrating for you if you knew more about the prints you recover and submit. If you have ever felt that the prints you have worked so hard to collect don’t receive proper consideration and are unfairly labeled “No Value,” come and see for yourself what needs to be found in those little fragments of latent print. While this workshop will not make a fingerprint examiner out of you, it will give you a much better understanding of what an examiner needs to see in the prints that are submitted. You should improve your chances of a match by understanding this evidence better while learning how to work as a team with your examiners at the same time. Participants do not need to have any previous training in fingerprint identification to benefit from this workshop and supervisors are definitely encouraged to participate in this workshop to help facilitate and coordinate the work between the examiners and your unit.

This workshop is designed for crime scene technicians, detectives/investigators and their supervisors as well as medical examiner investigators, attorneys and others associated with crime scene investigations. Many facets of this important field will be presented during the workshop. New Tenprint or Latent Print examiners and those who want a “refresher” will also learn a thing or two while having the opportunity to better understand the work done by the CSI experts who attend this workshop with them.

Participants will become familiar with fingerprint pattern recognition, ridge flow clues and other “class characteristics” that can be found in a fingerprint. Hands-on exercises during the workshop will let everyone see how to use the unique “characteristics or identifiers” utilized by examiners to search and identify fingerprints. Exposure to the new and “proper” terminology or language of prints will help everyone present to better understand what a “print of value is” and what “AFIS quality” means and allow lines of communication between the CSI’s, investigators, attorneys and examiners to exist in a meaningful way.

You won’t be able to just sit and listen as there will be many hands-on exercises that everyone can participate and learn from. Join us and expand your knowledge of one of the most dynamic and powerful fields in forensics. You can’t help but take something useful back to work with you. This workshop is limited to 22 participants.

Identification of Animal vs. Human Skeletal Remains—Earline Huckins-Olson

This course is designed as a general examination of animal and human bones that can be commonly mistaken for each other. As a first responder, Law Enforcement will benefit from a better understanding of human versus animal skeletons when they are presented with a bone or bones or when they receive a call regarding what appear to be human skeletal remains. In addition, the effects of certain types of elements such as heat, cold, water, scavengers and human activity will be examined giving those attending an idea of the changes that may occur therefore creating a taphonomic profile. The sequence of consumption by scavengers and predators will also be discussed. A collection of both human and animal bones will be used for comparison. Those attending the workshop will be given an overall guide of variances to look for when examining the bones. This workshop is limited to 20 participants.

Understanding Probability, Statistics, and Their Application to Impression Evidence—Henry Swofford

Latent print examiners routinely express opinions of source attribution as qualitative statements. While these conclusions are based on assessments of highly discriminating features within the evidence, they are largely based on heuristic reasoning and subjective in nature. Without reporting some measure of reliability or uncertainty associated with these types of conclusions, courts have no objective way to assess the weight of the evidence. As a result, examiners are facing increasing pressure to develop quantifiable means of expressing the discriminating strength of their conclusions. While supportive of the shifting paradigm, examiners are still left with questions on how to best accomplish this task.

This workshop will provide participants with (1) a foundational understanding of probability and statistics as they relate to general interpretation and decision making, (2) the application of likelihood ratios to finger-print evidence (what they are, how they are calculated, and what they mean to the examiner and the courts), and (3) an overview of emerging research involving the use of Automated Fingerprint Identification Systems (AFIS) as a means of generating likelihood ratios for fingerprint evidence.

CSI: The Complete Car Search—Jim Luthy and Mitch Nesson

Whether finding evidence of a crime or placing someone inside a vehicle, a car search can make a significant impact on the outcome of an investigation. This one-day workshop will cover strategies in approaching a car search and techniques for detecting, documenting, and collecting various types of evidence – from trace evidence, fingerprints and DNA to firearms, documents, and illegal drugs. The course will also cover documenting bullet impacts in vehicles. Crime scene technicians, police officers, and detectives will all benefit from the course.

This workshop will be limited to 20 participants.

Tenprint Search and Comparison Techniques—Jon Stimac

Condensed from the 40-hour RS&A intermediate-level course, this 8-hour workshop is designed to assist Tenprint/AFIS professionals who are presently searching and comparing inked friction ridge impressions, yet feel they could increase their skills and knowledge through participation in a formalized workshop.

Numerous practical exercises supplemented by lectures and discussion are among the techniques used to enhance the students understanding of the identification methodology. From determining useful target areas to the friction ridge characteristics used to individualize (Levels II and III), each step of this workshop will enable the student to effectively analyze, search, and compare inked friction ridge impressions.

This workshop-version focuses primarily on the use of several different practical exercises, each designed as a step-by-step process to increase the student's application of the identification methodology. In turn, this makes for a more efficient and accurate analyst. Additionally, this workshop complements the International Association for Identification's Friction Ridge Skin Identification Training Manual (supplementing the goal and objectives of the Supervised Comparison Training, Sections B: Tenprint Comparisons and C: Comparison of High Quality/Clarity Latent Print Impressions).

The objective of this course is to provide each participant with an increased understanding of the friction ridge science with emphasis on analyzing, searching, and comparing inked fingerprint impressions.

Participants must bring their own print magnifier(s). This workshop is limited to 20 participants.

An Introduction to Forensic Entomology—Earline Huckins-Olson

This course is designed to introduce individuals to the relevance of insects during an investigation, the techniques used to collect and preserve those insects, and to the future application of this science. Having a more comprehensive understanding of forensic entomology may benefit Law Enforcement and Search and Rescue personnel during investigations and may encourage students to become more involved in learning more about this discipline. The focus of the workshop is to give those attending a basic platform of knowledge about the types of insects found at scenes, the conditions that may affect what type of insects are found, and the information that can be derived from them such as postmortem interval, location of trauma, if the body has been moved, and the presence of drugs in the body. Those attending will have the opportunity to identify Diptera (flies) at various life stages and to learn about collection and preservation of the samples. This workshop is limited to 20 participants.

Standardization of Latent Print “Suitability” Decisions – A Bayesian Approach (Presentation followed by a Panel Discussion)—Henry Swofford with Julie Brownfield and Lorene Moore

Latent print examiners are routinely faced with the challenge of making determinations of “value” or “suitability” during the Analysis phase of latent print examination. In the United States, there is no formal criterion for basing “suitability” determinations other than the subjective opinion of the examiner. This determination is based on the knowledge and experience of the examiner rather than an empirically derived, quantitative threshold. Accordingly, determinations of suitability are subject to intra- and inter-examiner variability. In an effort to reduce such variations and standardize determinations of suitability, clear and transparent guidance should be developed so that examiners may make suitability decisions in a more informed and transparent manner based on robust and empirically developed criteria. This lecture will evaluate the applicability of utilizing a Bayesian approach for quantifying and standardizing suitability decisions. By incorporating friction ridge clarity and quantity, an overall numeric “quality” score can be generated which can then be used to derive a likelihood ratio. This likelihood ratio is based on the probabilities that other competent latent print examiners will consider a print with such a quality score as “suitable” versus “not suitable”. The likelihood ratio can then be used as an empirical basis for examiners when making “suitability” determinations. Using Bayes’ theorem, the likelihood ratio can be further extended to a posterior probability of “suitability” by assuming equal prior odds. Whether in the likelihood ratio form or posterior probability, such information will provide a more robust and standardized approach for dealing with “suitability” determinations, which is rooted in empirically derived data versus the vaguely defined and subjective approach of examiner opinion.

The panel discussion will be open to any current issues participants would like to discuss, including suitability, mitigation of errors, erroneous exclusions, documentation, etc.

Three Strikes Hearings: A Tenprint Examiner’s Experience—Alan Christensen, CTPE

Washington, Montana, and 26 other states have “three strikes” laws for repeat offenders. This lecture will discuss how these laws came about, some of the legal issues involved, and the presenter’s own experiences testifying as a tenprint witness in three strikes cases, with some lessons as to what to expect in court.

Expeditionary Forensics in Afghanistan—Sharon Brazalovich

This presentation will discuss the role a Latent Print Examiner has in performing expeditionary forensics in Afghanistan. In particular: What disciplines are being utilized overseas, general lab locations in-country, life as a government contractor and how to get involved in a deployed position as a latent print examiner.

Fourth Amendment, FISA, and Fingerprints—Brandon Mayfield

Perhaps no erroneous identification is more famous than that of the one involving Mr. Brandon Mayfield. On March 11, 2004, a series of explosions rocked the Madrid Commuter Train Systems. 191 people were killed and 1,800 people were injured. A fingerprint found on a bag containing detonating devices was initially identified by the FBI and an outside expert as belonging to Mr. Mayfield. Mr. Mayfield was held for over two weeks before being released after Spanish authorities correctly identified the print to Algerian National Ouhane Daoud. Mr. Mayfield will discuss the details of how it all unfolded including the wrongful identification, his surveillance and arrest. A question and answer session will follow the presentation. This is a rare opportunity to have a discussion with someone personally affected by errors within the forensic profession and is sure to serve as a humble reminder of the vigilance required to reach accurate conclusions in casework and peer review.

Speaker biographies

Dave Aydelotte is a 16-year member of the Oregon State Police and 7-year detective within the Major Crime Section of the OSP Criminal Investigation Division working out of Baker City in rural eastern Oregon. He was a parole agent for the Utah Department of Corrections for 3 years working as an armed babysitter for convicted felons prior to being hired by the Oregon State Police. His cases are typically death investigations of all types, sex crimes, and public official investigations. Dave holds a Bachelor's degree in sociology (with emphasis in deviant behavior) awarded by Brigham Young University. He is also a 15-year firearms instructor with the Oregon State Police.

Debra Bashaw has been a Tenprint Examiner with the King County Regional AFIS program and a Certified Tenprint examiner since 2011.

Sharon Brazalovich is a Latent Print Examiner with the Seattle Police Department. Sharon started her career in forensics as a criminalist at the Boston Police Department, working both crime scenes and in the lab. Between Boston and Seattle she deployed for a year working in a forensic lab in Afghanistan.

Michael J. Campbell, Captain of Police, is a 28-year veteran of the City of Milwaukee Police Department having retired as the Commanding Officer of their 55-member Identification Division. Upon retirement Mike accepted a position as the Training Coordinator for Ron Smith and Associates, Inc., a forensic training and consulting company based in Collinsville, MS. He now helps provide a variety of forensic classes throughout the US and other countries for RS&A. He has represented the forensic community on numerous committees, panels and boards and taught hundreds of classes, workshops and in-service programs over the last 20 years.

Alan Christensen is a lead Tenprint Examiner with King County, where he has worked since 1986. He is a Certified Tenprint Examiner and has taught classes in Fingerprint Classification and Tenprint Certification Preparation at previous PNWDIAI conferences.

Lynne Dean has been a Latent Fingerprint Examiner with the King County Sheriff's Office, Latent Print Unit, King County Regional AFIS, for over 25 years. She has processed crime scenes for over 31 years. Lynne is also an adjunct instructor for a community college, in the State of Washington, for a Fingerprint Science Class.

Deneen Flowers is a Tenprint Examiner with the King County Sheriff's Office, King County Regional AFIS, Tenprint Unit for 5 years. Before that she worked in the Jail ID unit for 5 years making that a total of 10 years with the Sheriff's Office. Deneen is a Certified Tenprint Examiner and has an Associates in Arts degree with an emphasis in criminal justice and forensics. Deneen served in the U.S. Army as a Military Police Officer.

Lesley Hammer is a Certified Footwear Examiner and a Certified Senior Crime Scene Analyst with the IAI, as well as a Certified Diplomate with the American Board of Criminalists. Ms. Hammer served the State of Alaska Crime Laboratory as a Forensic Scientist for 15 years, conducting casework in, then supervising, the areas of crime scenes, footwear and tire examination and latent prints. She is currently a private footwear and tire track examiner. She holds a BA in Environmental Science and a MS in Forensics from the University of Strathclyde in Glasgow, Scotland. She is the past Chair of the Scientific Working Group on Shoe and Tire Tread Evidence (SWGTTREAD) and has published several footwear evidence articles.

Eva Hess is a Latent Print Examiner for the King County Regional AFIS Program in Seattle, Washington. Prior to accepting this promotion in 2013, she spent over eight years as Tenprint Examiner. She achieved IAI Tenprint Certification in 2010 and was appointed to the Tenprint Certification Board in 2012. Eva has instructed several courses on preparing for certification exam.

Earline J. Huckins-Olson is a Deputy Medical Death Investigator with the Spokane County Medical Examiner's Office in Spokane, Washington. Prior to her employment with the Medical Examiner's office, Ms. Huckins-Olson graduated from Eastern Washington University with degrees in Anthropology and Criminal Justice. As an undergraduate, she served as a teaching assistant to Dr. Sarah Keller on the subjects of Forensic Anthropology and Physical Anthropology. She presented her computer program, "A Computer Guide to Comparative Osteology: Traits of Continuous Variation and the Human Skull," at the University of Maryland Ronald E. McNair Research Symposium and at the Eastern Washington Annual Student Research and - Creative Works Symposium. For the past eight years she has been a guest lecturer at various workshops on the following topics: Forensic Entomology, Post-Cranial Anatomy, Aging and Osteology, and Sex Determination of the Human Skeleton.

Det. Don Ledbetter is an IAI-Certified Senior Crime Scene Analyst in the Seattle Police Department's Crime Scene Investigations Unit. He has 24 years' experience as a detective and was one of the founding members of Seattle's CSI Unit. Since his assignment to CSI, he has been the lead crime scene detective at more than 20 officer-involved shootings. Det. Ledbetter has taught classes and workshops for the Washington State Criminal Justice Training Center, the Washington Homicide Investigators Association, and the Seattle Field Office of the FBI. He is an alumnus of the National Forensic Academy and holds a Bachelor's Degree in Engineering.

Jim Luthy is a Certified Latent Print Examiner assigned to the Washington State Patrol Crime Laboratory. He has been involved in fingerprint work for more than 17 years. He is a primary investigator for the WSP Crime Scene Response Team and has been called to more than 200 scenes throughout the state. Jim and his wife Tammie have five children and will have had their third grandchild by this year's conference.

Brandon Mayfield A former Patriot Missile Platoon Leader, US Army, Brandon Mayfield is a graduate of Portland State University (1992) and Washburn University School of Law (1999). Mr. Mayfield has been a member of the Oregon State Bar since 2000 and is licensed to practice in federal courts and the 9th Circuit Court of Appeals. He is currently practicing in the areas of civil litigation, civil rights, appeals, personal injury, and contracts. He has written and lectured on a number of subjects including, profiling of Muslims, implementation of the war on terror, and fingerprint forensics.

Mitch Nesson is a Forensic Scientist and full-time crime scene responder with the Washington State Patrol Crime Laboratory. He has been employed with the State Patrol for over 17 years working as a chemist and crime scene investigator. He has been responding to crime scenes for nearly 12 years and has responded to over 180 crime scenes ranging from assaults to homicides.

Greg Retherford is a 15-year veteran of the Oregon State Police, having spent 10 years assigned to the Uniform Patrol Division and 5 years as a Major Crimes Detective assigned to the Criminal Investigation Division, stationed in La Grande. Greg's duties primarily involve the investigation of person crimes such as serious assaults, sex crimes and homicide. Greg has attended the Oregon State Detectives Academy, the Oregon State Police Regional Forensic Academy, and the Southern Police Institutes – School of Homicide Investigation. Prior to his employment with the Oregon State Police, Greg earned a degree in discomfort (with emphasis in adversity) awarded by the United States Marine Corps.

Mark Roberts, CLPE has been a Certified Latent Print Examiner with the King County Sheriff's Office, Latent Print Unit, King County Regional AFIS, for 6 years. He has an interest in the application of latent print field work to difficult environments, as is the case with fire scenes.

Sgt. Brian Stampfl is the supervisor of the Seattle Police Department's CSI Unit. He is an IAI-Certified Senior Crime Scene Analyst and a graduate of the National Forensic Academy. Sgt. Stampfl has 22 years in law enforcement, 14 years as a detective, and is one of the founding members of Seattle's CSI Unit. He is an adjunct faculty member of Seattle University, where he teaches a course in Crime Scene and Death Investigation.

Jon Stimac is both a Certified Latent Print Examiner and a "Distinguished Member" of the IAI, while also serving as Editor for the IAI's bimonthly publication, IDentification News. He is a member of the NIJ-sponsored Scientific Working Group on Friction Ridge Analysis (SWGFAST) and has had several research projects pertaining to latent friction ridge development published in the Journal of Forensic Identification, Fingerprint Whorld, and divisional IAI newsletters. More recently, he has instructed numerous comparison courses on both latent print and tenprint analysis throughout the United States and in Argentina.

Henry Swofford received his Bachelor of Science degree in Biology with a minor in Chemistry from Georgia State University in 2008 and his MS in Forensic Science from the University of Florida in 2013 as a Department of Defense (DoD) Science, Mathematics, and Research for Transformation fellow. Between 2003 and 2008, he worked as a laboratory technician in the Headquarters crime laboratory of the Georgia Bureau of Investigation. In 2008 he joined the U.S. Army Criminal Investigation Laboratory as a Physical Scientist/Latent Print Examiner and assumed the responsibilities as Research Coordinator for the Latent Print Branch in 2010. He is responsible for applying chemical, biological, and related compatible research to problems in forensic science in support of the DoD mission concerning forensic and biometric capabilities and how they aid the warfighter. Over his career, he has authored multiple articles and given over seventy professional presentations throughout the United States and International community related to forensic science methods and applications. He is certified by the International Association for Identification as a Latent Print Examiner, Footwear Examiner, and a Crime Scene Investigator. He is a member of the Editorial Board for the Journal of Forensic Identification, serves on the IAI Forensic Identification Standards Committee, and is a U.S. delegate for the International Fingerprint Research Group. He is an active member of the IAI, the American Academy of Forensic Sciences, and the Georgia State Division of the IAI.

Regina Wike earned her B.S. from Eastern Washington University with a major in Chemistry/Biochemistry: With a Forensic Science Option. She completed an internship with the Spokane County Sheriff's Office Forensic Unit. During the course of her internship, she researched the best methods to develop latent fingerprints on thermal paper utilizing new and tried methods.

**PACIFIC NORTHWEST DIVISION
INTERNATIONAL ASSOCIATION FOR IDENTIFICATION
2014 TRAINING SEMINAR JUNE 10 - 13 – COEUR D'ALENE, ID**

FULL REGISTRATION: Includes Tuesday– Friday attendance including workshops, all lunches, President’s Reception, and Banquet Dinner

	MEMBER REG	NON-MEMBER REG	FULL-TIME STUDENT REG
Registration	\$250.00 <input type="checkbox"/>	\$325.00 <input type="checkbox"/>	\$125.00 <input type="checkbox"/>

DAILY REGISTRATION: Tuesday – Thursday includes lunch

FULL DAY – MEMBERS \$100.00 NON-MEMBERS – \$125.00

TUE WED THU FRI Total Cost:

SOCIAL EVENTS

	QTY	COST
Extra President’s Reception \$35.00	<input style="width: 40px;" type="text"/>	<input style="width: 100px;" type="text"/>
Extra Banquet \$50.00	<input style="width: 40px;" type="text"/>	<input style="width: 100px;" type="text"/>
Extra Lunch \$35.00 TUE <input type="checkbox"/> WED <input type="checkbox"/> THU <input type="checkbox"/>	<input style="width: 40px;" type="text"/>	<input style="width: 100px;" type="text"/>
Wednesday Night Social \$20.00	<input style="width: 40px;" type="text"/>	<input style="width: 100px;" type="text"/>
Total Cost:		<input style="width: 100px;" type="text"/>

BANQUET MEAL CHOICE: Chicken Beef Veggie

Special Meal Restrictions: _____

Attendee:			
Agency:			
Address:			
City:	State:	Zip:	
Phone:	Fax:		
Email:			

Make checks payable to PNWD-IAI and mail, email or fax completed registration form to:

Lorene Moore, PNWD-IAI Treasurer
7505 34th Ave SW Seattle, WA 98126
(206) 979-6848 cell (206) 205-7898 fax

WEDNESDAY WORKSHOPS Each workshop Includes lunch – Please select choice(s)

NOTE: Workshops are filled on a first-come, first-serve basis, so register early!

Tenprint Certification Workshop: 8:00 – 12:00 – max 20 participants.....

Eva Hess & Debra Shaw – King County SO

Documenting Bullet Defects at Shooting Scenes: 8:00 – 12:00 - max 16 participants.....

Det. Donald Ledbetter & Sgt. Brian Stampfl – Seattle PD

Latent Print Evidence at Fire Scenes: 8:00 – 12:00 – max 25 participants.....

Mark Roberts & Lynne Dean – King County SO

Footwear Examination Introductory Workshop: 8:00 – 12:00 – max 20 participants

Lesley Hammer – Hammer Forensics

Evolution of Tenprint Identification: 1:00 – 5:00 – max 30 participants.....

Deneen Flowers & Ben Murciego – King County SO

Laser Photography – Everything is Cooler with Lasers: 1:00 - 5:00 – max 16 participants.....

Det. Donald Ledbetter & Sgt. Brian Stampfl – Seattle PD

Comparison of Plantar Friction Ridge Impressions: 1:00 – 5:00 – max 20 participants.....

Jon Stimac – Ron Smith & Associates.

Fingerprint Comparison 101 for CSI’s: 1:00 – 5:00 – max 22 participants.....

Mike Campbell – Ron Smith & Associates

THURSDAY WORKSHOPS Each workshop Includes lunch – Please select choice(s)

Understanding Probability, Statistics, & Their Application to Impression Evidence: 8:00 – 11:45.....

Henry Swofford – U.S. Army Criminal Investigation Laboratory

Identification of Animal vs Human Skeletal Remains: 8:00 – 11:45 – max 20 participants.....

Earline Huckins-Olson – Spokane County Medical Examiner’s Office

CSI – The Complete Car Search: 8:00 – 4:30 – max 20 participants.....

Jim Luthy & Mitch Nesson – Washington State Patrol

Tenprint Search & Comparison Techniques: 8:00 – 4:30 – max 20 participants.....

Jon Stimac – Ron Smith & Associates

An Introduction to Forensic Entomology: 12:45 – 4:30 – max 20 participants.....

Earline Huckins-Olson – Spokane County Medical Examiner’s Office

Standardization of Latent Print “Suitability” Decisions – A Bayesian Approach (Presentation followed by a Panel Discussion): 12:45 – 4:30

Henry Swofford, – U.S. Army Criminal Investigation Laboratory, Julie Brownfield – Spokane County SO,
& Lorene Moore – King County SO

THURSDAY CERTIFICATION TESTING

If you would like to test for a discipline other than those listed below please note which discipline so arrangements for a proctor can be made in advance.

- Tenprint Certification 7:30 – 12:30.....
- Latent Print Certification 8:00 – 5:00.....
- Crime Scene Certification 8:00 – 2:00.....
-

- Tuesday – General Lecture – Includes Lunch 8:00–5:00**
- Wednesday – Workshops – Includes Lunch 8:00–5:00**
- Thursday – Workshops – Includes Lunch 8:00–4:30**
- Thursday – Certification Testing – 7:30–5:00**
- Thursday – General Business Meeting – 4:30–5:30**
- Friday – General Lecture – 8:00–12:00**
-

Wednesday Night Social Event:
Lake Coeur d’Alene Dinner Cruise 5:30 – 8:00
Cost: \$20 which includes Hors d’oeuvres
