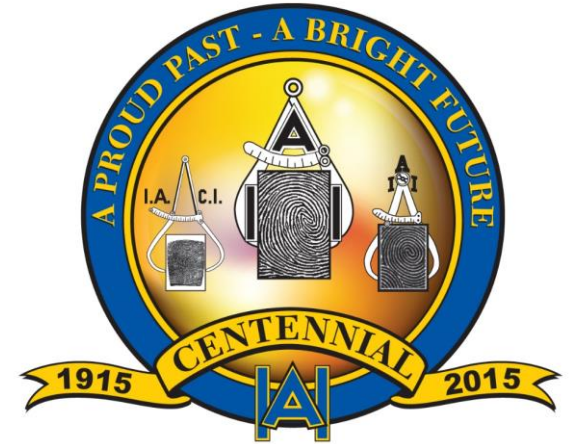




Certification



Forensic Certification Management Board

International Association for Identification

Robert J. Garrett, Director

Crime Lab Accreditation and Certification Essentials
National Clearinghouse for Science, Technology, and the Law



What is certification?

- Certification is a process whereby an individual can be tested regarding their knowledge and skills related to the accomplishment of specific tasks
- Certification requires a level of training specifically related to the discipline
- Certification requires experience in the practice of the discipline
- Certification requires the maintenance and supplement of knowledge and skills
- Certification requires periodic renewal

Certification is not....



A Guarantee

Certified persons can and do make mistakes



What does certification offer?

- A practitioner specifically trained in the discipline they practice
- A practitioner with experience applying the underlying principles and techniques of the discipline
- A practitioner who has demonstrated, to their peers, the knowledge and skill necessary to reliably conduct an examination or analysis related to their discipline
- A practitioner who follows the professional guidelines and standards related to their discipline
- A practitioner who adheres to a code of professional conduct and ethics



Which program?

- A program which is recognized by the professional community
- A program which is based on testing and evaluation, not on membership
- A program that is administratively and financially sound
- A program with a track record
- A program that adheres to accepted standards of management and participation
- A program that is accredited (if available) e.g. ISO 17024

International Association for Identification



The International Association for Identification, founded in 1915, is a professional membership organization comprised of individuals worldwide who work in the field of forensic identification. With over 7000 members from 77 countries, the IAI remains the oldest and largest forensic science/identification association in the world.

International Association for Identification



Mission:

- To associate persons who are actively engaged in the profession of forensic identification, investigation, and scientific examination of physical evidence in an organized body, so that the profession, in all of its branches, may be standardized and effectively and scientifically practiced.
- To encourage the enlargement and improvement of the science of forensic identification and crime detection.
- To encourage research in scientific crime detection.
- To keep its members apprised of the latest techniques and discoveries in forensic identification and crime detection.
- To employ the collective wisdom of the profession to advance the scientific techniques of forensic identification and crime detection.
- To provide training, education and the publication of information in all forensic science disciplines represented by the IAI.

International Association for Identification



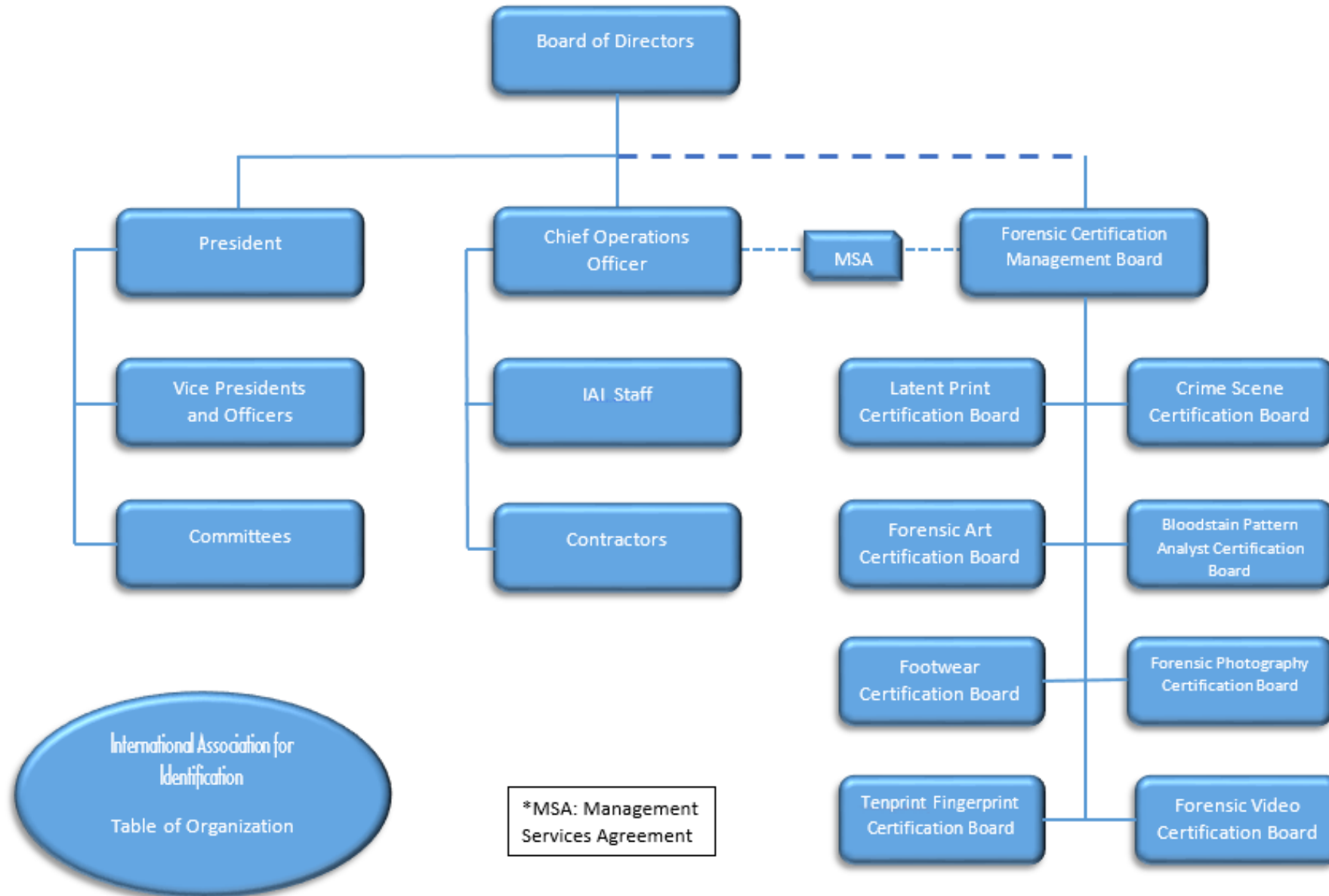
- The IAI has managed certification programs for over 40 years
 - Its first program was in latent fingerprint identification, established in 1977
 - Since then, certifications have been added in the disciplines of:
 - Crime Scene Investigation
 - Footwear Impression
 - Forensic Art
 - Forensic Photography & Imaging
 - Forensic Video
 - Bloodstain Pattern Analysis
 - Tenprint Identification
- There are currently over 3000 practitioners participating in IAI certification programs worldwide

International Association for Identification



IAI Certification Programs

Each program consists of a rigorous educational process, a certification procedure, and re-certification requirements. Each is administered by a certification board comprised of experts in the discipline. All programs operate under the supervision of the Forensic Certification Management Board (FCMB), a sub-division of the International Association for Identification, to ensure compliance with international accreditation standards.



Latent Print Certification (est. 1977)



Scope of Certification

A Certified Latent Print Examiner will demonstrate an in-depth knowledge and understanding of friction skin physiology and morphology, terminology, detection, recovery, photography, preservation, enhancement, analysis, comparison, documentation and reporting of latent print evidence. Applicants for certification are primarily employed in the field of Forensic Science with duties to include the examination and comparison of latent print evidence, as well as providing expert testimony when necessary.

Crime Scene Certification (est. 1990)



Scope of Certification

- Certified Crime Scene Investigator, Certified Crime Scene Analysts and Certified Senior Crime Scene Analysts are individuals who respond to crime scenes as a portion of their full-time job duties in order to identify, document, collect and preserve physical evidence.
- **The Certified Crime Scene Investigator Certification** is aimed at the beginning crime scene investigator to assist in the basic methodology of completing a thorough crime scene investigation.
- **The Certified Crime Scene Analyst Certification** is aimed at the crime scene investigator that has progressed through the beginning stages of crime scene investigation and progressing to the limited analysis of selected evidence.



Crime Scene Certification (cont'd)

- **The Certified Senior Crime Scene Analyst Certification** is aimed at the senior level crime scene investigator that is responsible for every aspect of the crime scene including advanced analysis of the evidence at the scene or collected from the scene. The senior level crime scene investigator may also be responsible for the reconstruction of certain aspects of the crime scene or providing the means for a competent reconstruction to be conducted.
- **Certified Crime Scene Reconstructionists** are individuals who may respond to crime scenes as a portion of their full-time job duties but generally work with the investigative products of others to conduct crime scene reconstructions based upon shooting reconstruction, bloodstain pattern analysis and crime scene analysis.

Forensic Artist (est. 1995)



Scope of Certification

The field of forensic art includes composite art, age progression, and facial reconstruction; it relies heavily on artistic abilities. The forensic artist's primary tools are drawing, sculpting and or digital imagery. This dictates that there is an underlying artistic skill set required for the creation of all forensic images. Additionally, there are scientific concepts related to facial anatomy, human memory, witness interviewing and victim psychology as well as certain terminologies and definitions which are fundamental knowledge for the forensic artist.

Bloodstain Pattern Analyst (est. 1996)



Scope of Certification

- Bloodstain pattern analysis is based on the sciences of biology, mathematics and physics. It's important that the bloodstain pattern analyst understand these sciences and the role they play in determining how blood reacts when acted upon by forces creating the bloodshed.
- Bloodstain pattern analysis is defined as the analysis of the size, shape, distribution and appearance of bloodstains and bloodstain patterns, as a means of determining the types of activities and mechanisms that may have produced them, which in some cases may permit the reconstruction of events involving bloodshed.

Footwear Examiner (est. 1997)



Scope of Certification

- A Certified Footwear Examiner demonstrates an in-depth knowledge and understanding of terminology, detection, recovery, photography, preservation, enhancement, analysis, comparison, manufacturing processes, documentation and reporting of footwear impression evidence. Candidates for certification are primarily employed in the field of Forensic Science with duties to include the examination of footwear impression evidence.

Forensic Photography & Imaging (est. 2000)



Scope of Certification

- Forensic photography & imaging includes the photographic recording of crime scenes, accident scenes, items of evidence such as pattern and impression evidence, and other items that may be relevant in criminal and civil litigation matters for the purposes of documentation, comparison, further analysis or enhancement, and/or visual reconstruction. It also includes the archiving and maintenance of digital images and photographs, image processing, and preparation of images for printing or electronic display.

Tenprint Certification (est. 2002)



Scope of Certification

- The Certified Tenprint Examiner should be knowledgeable of the generally accepted guidelines and standards (both historically and current) within the Tenprint discipline. Additionally, the Certified Tenprint Examiner should:
- Be able to compare friction ridge impressions of known to unknown subjects and arrive at a conclusion based on current objectively accepted methodology.
- Demonstrate an in-depth understanding (knowledge) of tenprint examinations, the history, foundation and scientific methodology used in Friction Ridge Science and the current topics and/or scientific studies within the tenprint discipline.
- Be able to recognize (interpret) friction ridge impressions including the specific pattern type and the corresponding tracing or ridge count. Additionally, the examiner should be able to demonstrate that they are capable of accurately recording a complete tenprint record.

Forensic Video (est. 2011)



Scope of Certification

- A certified Forensic Video Examiner demonstrates knowledge, skills and abilities related to the examination, comparison or evaluation of video in legal matters. Parameters of this certification program include, but are not limited to:
 - Demonstrated knowledge of relevant video and image science concepts and technologies.
 - Understanding and adherence to discipline accepted methods of collection, preservation and processing of multimedia evidence.
 - Ongoing development of skills, knowledge and abilities related to the Video Analysis Discipline through continuing education.



Complaints

- Complaints generally fall in to two categories:
 - Violations of conduct and/or ethical standards
 - Technical errors
- Complaints are formally processed and evaluated by a professional review board
- Complaints that are sustained by a review board may result in:
 - private reprimand, public written reprimand, suspension or revocation of certification

International Association for Identification



Effective January 1, 2016, the fee structure for IAI certification is:

- IAI Members:
 - Initial certification: \$300 (US)
 - Recertification: \$300 (US)
 - Re-testing: \$300 (US)
- Non-Members:
 - Initial certification: \$400 (US)
 - Recertification: \$400 (US)
 - Re-testing: \$400 (US)

* Fees cover the entire 5 year certification period



Sample of other Certifying Bodies

- American Board of Criminalistics (ABC)
- Association of Firearm and Tool Mark Examiners (AFTE)
- American Board of Pathology (ABP)
- American Board of Forensic Odontology (ABFO)
- National Association of Forensic Counselors (NAFC)
- American Board of Forensic Anthropology (ABFA)
- American Board of Forensic Document Examiners (ABFDE)
- American Board of Medicolegal Death Investigators (ABMDI)
- Board of Forensic Document Examiners (BFDE)
- American Board of Forensic Toxicology (ABFT)
- International Board of Forensic Engineering Sciences (IBFE)

International Association for Identification



Accreditation

From 2010 through March of 2016, seven of the IAI programs were accredited by the Forensic Specialties Accreditation Board (FSAB).

However, due to inconsistencies in the interpretation and application of FSAB standards and the IAI's expansion of its non-US divisions, the IAI Board of Directors decided at its January 2016 meeting to abandon its participation with FSAB and redirect resources toward ISO17024 accreditation. IAI Certification Boards have completed a gap analysis and restructured the program and management system for compliance. Target: Application for filing for accreditation : early 2018.

Contact and further information



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[Certifications](#) ▾

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[Training](#) ▾

[Resources](#) ▾

Latent Print Certification

[Latent Print Certification home page](#)

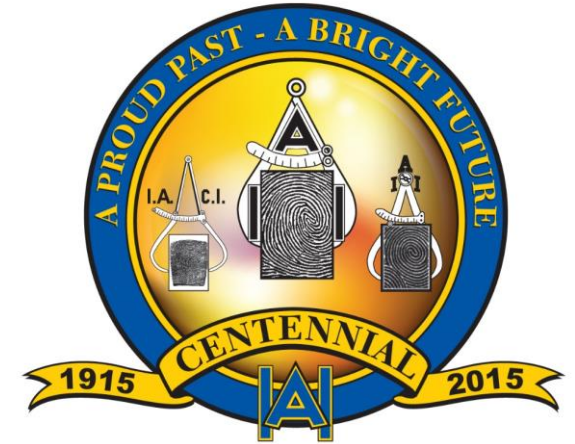
Who Is Certified? Rosters of I.A.I. Certified Latent Print Examiners

- [Alphabetical Listing](#)
- [Location Listing](#)





Thank you



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International Association for Identification

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