



Idaho State Police Forensic Services



Nicolas Craven

Forensic Scientist

Idaho State Police Forensic Services

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EDUCATION:

01/2022 – present University of Lausanne, Switzerland
Doctor of Philosophy - Forensic Science

12/2015 University of Florida - Gainesville, FL
Master of Science in Pharmacy- Forensic Science

05/2005 University of Minnesota - Minneapolis, MN
Bachelor of Arts - Anthropology and Spanish & Portuguese Studies

EXPERIENCE:

11/2023 – present Idaho State Police Forensic Services
Forensic Scientist Contractor

06/2023 – present C2 Quality Solutions
Latent Print Examiner

08/2023 – 04/2024 Amentum for ICITAP-USDOJ
Forensic Latent Print Advisor

04/2023 – present Ridgeline Forensics
Latent Print Contractor

10/2022 – 03/2023 Hillsborough County Sheriff's Office
Forensic Print Analyst Supervisor

12/2016 – 09/2022 Idaho State Police Forensic Services
Forensic Scientist II – Latent Print Section

12/2014 – 12/2016 Idaho State Police Forensic Services
Forensic Scientist I – Latent Print Section

<https://isp.idaho.gov/forensics>

EQUAL OPPORTUNITY EMPLOYER

Revised 7/27/26

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CERTIFICATIONS:

3/2020 – present	Certified Latent Print Examiner – #LP15128, International Association for Identification
10/2017 – present	Comprehensive Criminalistics – Fellow, #2757 American Board of Criminalistics
09/2018 – 09/2022	Idaho Peace Officer Standards and Training (POST) Certified Instructor

PROFESSIONAL ORGANIZATIONS; COMMITTEES; WORKING GROUPS:

11/2015 – present	Active Member - International Association for Identification
12/2015 – present	Active Member - Pacific Northwest Division of the International Association for Identification
08/2023 – present	Associate Member – Florida Division of the International Association for Identification
08/2025 – present	Associate Member – American Academy of Forensic Sciences
11/2023 – present	Voting Member – ASB Friction Ridge Consensus Body
10/2023 – present	ASTM Technical Contact for WK72441 – Standard Method for Developing Discipline Specific Methodology for ACE-V
05/2018 – 06/2021	Board Member - Pacific Northwest Division of the International Association for Identification
02/2019 – 12/2020	Proficiency Review Committee - American Board of Criminalistics
02/2016 – 06/2018	Regional Vice President (Idaho) - Pacific Northwest Division of the International Association for Identification

TESTIMONY:

State Court – Idaho 3rd and 7th Judicial Districts

CONTINUING EDUCATION; ASSOCIATION MEETINGS; CONFERENCES:

12/2014 – 11/2019	Idaho State Police Forensic Services Latent Print Examiner Training Program Meridian, ID
05/2026	“Advanced Ridgeology Science Workshop.” Sponsored by the Idaho State Police. Instructor: Kathleen Bright-Birnbaum. 40hrs.
08/2025	International Association for Identification Annual Conference. Workshop “Converting words to numbers: Quantifying the strength of forensic evidence”. Instructors: Tom Busey and Meredith Coon. 3hrs.

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08/2024	International Association for Identification Annual Conference.
08/2023	International Association for Identification Annual Conference.
05/2022	Practical Answers to Challenging Questions in the Courtroom. Sponsored by the Idaho State Police. Instructors: Glenn Langenburg, Carey Hall, and Brendan Max. 24hrs.
03/2022	ISO/IEC 17025 Internal Auditor Training. Sponsored by the Idaho State Police. Instructor: Anja Einseln. 20hrs.
09/2021	Fundamentals of Drug Crime Scene Investigations. Sponsored by the Idaho State Police. Instructor: Derek Mahlum. 40hrs.
08/2021	American Society of Crime Laboratory Directors Symposium 15hrs.
05/2021-08/2021	American Society of Crime Laboratory Directors Leadership Academy Level 1. 40hrs.
08/2021	International Association for Identification Annual Conference. Workshop "Fingertips: Comparing High Distal Impressions." Instructor: John T. Stimac. 4hrs.
06/2020	"Beyond the Discriminating Power of Friction Ridge Arrangements." Instructor: Glenn Langenburg. 4hrs.
09/2019	"Intermediate Bloodstain Pattern Analysis." Sponsored by the Idaho State Police. Instructor: Craig C. Moore. 40 hrs.
08/2019	NWAFS/PNWDIAI Joint Conference. Workshop "Making Sense of the PCAST Statistics." Glenn Langenburg. 3hrs. Workshop "Practical Answers to Challenging Questions." Glenn Langenburg and Carey Hall. 3hrs.
06/2019	"Instructor Development." Sponsored by the Idaho State Police. 40 hrs.
06/2019	"Analysis of Distortion in Latent Prints." Sponsored by the Idaho State Police. Instructor: Alice White. 24hrs.
05/2019	"Exclusionology: Research and Exercises." Sponsored by the Idaho State Police. Instructor: Eric Ray. 24hrs.

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09/2018 "Latent Print Orientation and Search Clues."
Northwest Association of Forensic Scientists Conference
Instructor: Cynthia Zeller. 8hrs.

07/2018 "Forensic Archaeology: Mock Burial Excavation"
Idaho State University.
Instructor: Amy Michael. 4 hrs.

05/2018 "Basic Bloodstain Pattern Recognition."
Sponsored by the Idaho State Police.
Instructor: Craig C. Moore. 40 hrs.

05/2018 Western States Joint Conference of the International Association for
Identification.
Workshop "Friction Ridge Deposition Workshop-Distortion."
Instructor: Julie Fulton. 4hrs.

09/2017 "Advanced Ridgeology Science Workshop."
Sponsored by the Idaho State Police.
Instructor: Kathleen Bright-Birnbaum. 40hrs.

08/2017 "Understanding Exclusion and Sufficiency Decisions."
Sponsored by the Idaho State Police.
Instructor: John Black. 36hrs.

07/2017 "Crime Scene Photography."
Sponsored by the Idaho State Police.
Instructor: Vance Liebelt. 40hrs.

06/2017 "Basic Clandestine Laboratory Safety Training."
Network Environmental Systems, Inc.
Instructor: Brian Escamilla. 32hrs.

12/2016 "Crucial Conversations."
Sponsored by the Idaho State Police.
Instructor: Kathryn Hampton. 16hrs.

11/2016 "Workshop on Statistics and Applied Mathematics in Forensic Science."
Sponsored by the National Institute of Justice.
Instructor: Cedric Neumann. 20hrs.

10/2016 "Foundations of Forensic Photography."
Texas A&M Engineering Extension Service. 16hrs.

09/2016 "Ethics and Bias in Forensic Science."
Northwest Association of Forensic Scientists Conference.
Instructor: Carolyn Gannett. 8hrs.

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- 02/2016 “Essential Ridgeology Concepts.”
Sponsored by the Barnstable County Sheriff’s Office.
Instructor: John Black. 40 hrs.
- 12/2015 “Advanced Digital Processing of Evidentiary Photography.”
Sponsored by the Idaho State Police.
Instructor: David Witzke. 24 hrs.
- 07/2015 “Foundations of Fingerprint Comparison.”
Texas A&M Engineering Extension Service. 16hrs.
- 06/2015 “Courtroom Presentation of Evidence”
Sponsored by the Idaho State Police.
Instructor: Raymond Davis. 20 hrs.
- 05/2015 “Palm Print Comparison Techniques.”
Sponsored by the Ada County Sheriff’s Office.
Instructor: Brian Dew. 24 hrs.
- 04/2015 “Finding Latent Print Evidence with Chemistry and Light.”
Sponsored by the Sandy City Police Department.
Instructor: Brian Dalrymple. 32 hrs.
- 03/2015 “Ethics in Forensic Science.”
West Virginia University Continuing and Professional Education.
Instructor: Robin Bowen.
- 06/2007 “Specialist Course in Forensic Anthropology”
University Complutense of Madrid (Spain).
300 hrs.

TEACHING; PRESENTATIONS:

- 11/2016 – present Idaho POST Fingerprint course hands-on practicals
- 06/2026 Pacific Northwest Division of the International Association for
Identification Annual Conference
Workshop “Screening Strategies for Latent Prints during Processing”. 4hrs.
Workshop “Anatomy and Physiology for LPEs”. 4hrs.
Workshop “Utilization of Expanded GYRO Annotation Process in
Photoshop”. 3hrs.
- 08/2025 International Association for Identification Annual Conference
Workshop “Screening Strategies for Latent Prints during Processing”. 4hrs.
Workshop “Anatomy and Physiology for LPEs”. 4hrs.
Presentation “Pacific Northwest Division IAI 2023 Special Research
Project (SRP) Update - Recognizing Distortions.”

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08/2024	International Association for Identification Annual Conference Workshop "Screening Strategies for Latent Prints during Processing". 6hrs. Workshop "Anatomy and Physiology for LPEs". 4hrs. Presentation "Evaluation of the RECOVER LFT system: Experiments on Semi-Controlled and Pseudo-operational Samples."
02/2024	Region 3 of the Florida Division of the International Association for Identification at the Sarasota County Sheriff's Office Workshop "Screening Strategies for Latent Prints during Processing". 4hrs
08/2023	International Association for Identification Annual Conference Workshop "Screening Strategies for Latent Prints during Processing". 4hrs.
09/2022	College of Southern Idaho Law Enforcement Program. Idaho POST Fingerprint Course
06/2022	Pacific Northwest Division of the International Association for Identification Annual Conference "RECOVER LFT Validation"
11/2021	College of Southern Idaho Law Enforcement Program Idaho POST Fingerprint Course
10/2021	ISP ATC Fingerprint Course
08/2021	International Association for Identification Annual Conference "A Quantitative Assessment of Open Fields in Friction Ridge Skin" "RECOVER LFT Validation"
07/2021	Idaho POST Fingerprint Course
09/2020	College of Southern Idaho Law Enforcement Program Idaho POST Fingerprint Course
07/2020	Idaho POST Fingerprint Course
11/2019	Idaho POST Fingerprint Course
10/2019	College of Southern Idaho Law Enforcement Program Idaho POST Fingerprint Course
08/2019	NWAFS/PNWDIAI Joint Conference "A Case of Identical Latent Print Depositions." "A Preliminary Study on the Effects of Various Wavelengths on Burnt Skeletal Remains."
06/2019	ISP I-LEAD Program Fingerprint Course
03/2019	ISP ATC Fingerprint Course

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02/2019	College of Southern Idaho Law Enforcement Program. Idaho POST Fingerprint Course
10/2018	College of Southern Idaho Law Enforcement Program Idaho POST Fingerprint Course
09/2018	ISP ATC Fingerprint Course
06/2018	Idaho POST Fingerprint Course
05/2018	Western States Joint Conference of the International Association for Identification “Stature Estimation from Palmprints in Two Idaho Sample Sets.”
03/2018	College of Southern Idaho Law Enforcement Program. Idaho POST Fingerprint Course
10/2017	Idaho POST Fingerprint Course
03/2017	Idaho POST Fingerprint Course
11/2016	Idaho POST Fingerprint Course
09/2016	Northwest Association of Forensic Scientists Conference General Session. “Evaluating Three Amino Acid Based Methods for Latent Print Processing of Thermal Paper.”

RESEARCH; VALIDATIONS:

05/2023-05/2024	Latent Print Distortion Recognition. Special Research Project 2023 PNWDIAI Conference.
02/2020-Present	ISPFS Latent Print Unit Foster&Freeman RECOVER LFT Validation.
08/2019	Study on Effects of Various Wavelengths on Burnt Skeletal Remains. Special Research Project at 2019 NWAFFS/PWNDIAI Joint Conference.
07/2016-12/2016	ISPFS Latent Print Unit Thermal Paper Validation.

PUBLICATIONS:

Craven, N; Youngling, H; Walthall, T. Evaluation of the RECOVER LFT System:
Semi-Controlled and Pseudo Operational Experiments. *J For Ident.* **2025**, 75 (4), 352-
392.

Craven, N; Youngling, H; Walthall, T. Evaluation of the RECOVER LFT System:
Experiments on Metal Plates. *J For Ident.* **2023**, 73 (4), 357-391.

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Craven, N; Richards, M; Carney, J. A Preliminary Study on the Effects of Various Wavelengths on Burnt Skeletal Remains. *Crime Scene*. **2020**, 45 (1), 9-16. Also printed in *The Examiner* Spring 2020 from PNWDIAI.

Craven, N. A Case of Identical Latent Print Depositions. *J For Ident*. **2019**, 69 (3), 261-270.

Craven, N. Stature Estimation from Palmprints in an Idaho Sample. *J For Ident*. **2019**, 69 (3), 339-354.

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