



Idaho State Police Forensic Services



Amber Gerheart

Forensic Scientist II
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EDUCATION

- 2020 Michigan State University – East Lansing, MI
Master of Science – Forensic Science
- 2018 University of Missouri – Columbia, MO
Bachelor of Science – Chemistry

EXPERIENCE

- October 2022 – Present
Idaho State Police Forensic Services
Forensic Scientist II
Duties: Blood and urine toxicology analysis, controlled substance analysis,
provide expert testimony
- October 2020 – October 2022
Idaho State Police Forensic Services
Forensic Scientist I
Duties: Blood and urine toxicology analysis, controlled substance analysis,
provide expert testimony
- January 2020 – May 2020
Michigan State University
Honors Biology Teaching Assistant
Duties: Instructed cellular and molecular biology laboratory for
undergraduate students
- August 2018 – December 2019
Michigan State University
Chemistry Teaching Assistant
Duties: Instructed general chemistry laboratory for undergraduate students

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

EQUAL OPPORTUNITY EMPLOYER

Revised 2/22/23

Amber Gerheart

May 2019 – August 2019

Michigan State Police Forensic Science Division
Sterling Heights Laboratory Intern
Duties: Assisted with casework in controlled substances, validated TruNarc™ Handheld Narcotics Analyzer (Raman spectroscopy), visited other Michigan State Police laboratories

March 2017 – August 2018

University of Missouri Research Reactor
Student Researcher
Duties: Conducted physiology and metabolism analyses on radiological plant material, synthesized radiotracers for plant studies

December 2015 – January 2016

St. Charles County Police Department
Crime Lab and Forensics Intern

TESTIMONY

Ada County, ID
Bonneville County, ID
Twin Falls City, ID
Canyon County, ID

PROFESSIONAL ORGANIZATIONS; COMMITTEES; CERTIFICATIONS

January 2023 – Present American Board of Criminalistics, Certificant
October 2022 – January 2023 American Board of Criminalistics, Affiliate
February 2021 – Present American Academy of Forensic Sciences, Trainee Affiliate
April 2019 – February 2021 American Academy of Forensic Sciences, Student Affiliate
May 2019 – May 2020 Midwestern Association of Forensic Scientists, Student Member

CONTINUING EDUCATION; ASSOCIATION MEETINGS; CONFERENCES

February 2023 American Academy of Forensic Sciences 75th Annual Conference
Taming the Wild West of Workflows for Opioids: Emerging and Controversial Drug Threats Workshop
Reefer Madness: The History of Tetrahydrocannabinol (THC) Psychosis and Modern Adverse Events Workshop
Orlando, Florida

February 2023 She Can STEM
Forensic Scientist Presentation
Pocatello, Idaho

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February 2023 Basic Bloodstain Pattern Recognition Course
See More Forensics, Craig Moore
Meridian, Idaho

January 2023 Crime Scene Investigations Workshop
TriTech Forensics, Sharon Plotkin
Meridian, Idaho

March 2022 ISO 17025 Internal Auditor Training
Anja Einseln
Live Webinar

June 2021 Idaho Girl's State
Virtual Tour and Presentation
Pocatello, Idaho

March 2020 Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy
Poster Presentation
Chicago, Illinois

February 2020 American Academy of Forensic Sciences 72nd Annual Conference
Anaheim, California

November 2019 Northeastern Association of Forensic Scientists 45th Annual Conference
SWGDRUG: Supplemental Document 6 (SD-6) and Statistical Sampling
Calculator Tool Workshop
Lancaster, Pennsylvania

October 2019 Midwestern Association of Forensic Scientists 48th Annual Conference
Poster Presentation
Louisville, Kentucky

August 2019 Implicit Bias Training
Michigan State Police
Sterling Heights, Michigan

February 2019 American Academy of Forensic Sciences 71st Annual Conference
Baltimore, Maryland

April 2018 Missouri Life Sciences Week
Poster Presentation
Columbia, Missouri

February 2018 MU DuPont Pioneer Plant Research Symposium
Poster Presentation
Columbia, Missouri

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RESEARCH; PUBLICATIONS

Gerheart, A. Comparison of Multivariate Statistical Models for Classification of Fentanyl Analogs [Master's Thesis]; Michigan State University, East Lansing 2020.

Housh, A. B.; Matthes, M. S.; **Gerheart, A.**; Wilder, S. L.; Kil, K.-E.; Schueller, M.; Guthrie, J. M.; Mcsteen, P.; Ferrieri, R. Assessment of a ¹⁸F-Phenylboronic Acid Radiotracer for Imaging Boron in Maize. *International Journal of Molecular Sciences* 2020, 21 (3), 976.

Scott, S.; Housh, A.; Powell, G.; Anstaett, A.; **Gerheart, A.**; Benoit, M.; Wilder, S.; Schueller, M.; Ferrieri, R. Crop Yield, Ferritin and Fe(II) Boosted by *Azospirillum Brasilense* (HM053) in Corn. *Agronomy* 2020, 10 (3), 394.

Housh, A.; Powell, G.; Anstaett, A.; **Gerheart, A.**; Benoit, M.; Waller, A.; Powell, A.; Guthrie, J. M.; Higgins, B.; Wilder, S.; Schueller, M.; Ferrieri, R. Functional mutants of *Azospirillum brasilense* elicit beneficial physiological and metabolic responses in *Zea mays* contributing to increased host iron assimilation. *Multidisciplinary Journal of Microbial Ecology* 2021.

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