

Sarah K. Voeller

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Education

North Carolina State University, Raleigh, NC

Graduate Certificate in GIS

December 2015

Master of Arts in Anthropology

July 2015

University of Central Florida, Orlando, FL

Bachelor of Arts in Anthropology

May 2011

Archaeological Field School, James Madison's Montpelier, VA

July, 2011

Chronological Employment

Durham Police Department

September 2016- December 2022

Crime Scene Investigator

- Document crime scenes with written notes, photography, videography, measurements and sketches
- Process crime scenes using techniques not limited to latent fingerprint processing, DNA collection, comparative photography, trajectory analysis, documentation of blood evidence, ALS and casting of footwear and tool marks
- Record the chain of custody and process, package and submit evidence
- Process victims and suspects by taking photos, fingerprints and collecting trace evidence
- Report findings through written narratives and courtroom testimony

Crime Scene Investigator- Trainer

April 2019- February 2020

- Train new employees: instruct on basic crime scene investigation, supervise work on crime scenes and in lab, review and approve reports, create weekly progress report and discuss personally with trainee

Firearms Cross Training

April 2021-December 2022

- Conduct functionality tests and test fires of firearms evidence
- Triage cartridge case evidence to be submitted into NIBIN
- Enter cartridge case evidence into NIBIN

Acting Specialist

September 2022-December 2022

- Supervise a squad of Crime Scene Investigators. This includes reviewing reports, evaluating work, advising on proper forensic and unit policies and procedures, and coordinating with law enforcement staff

Stantec Consulting Services Inc.

GIS and Archaeological Technician

August 2015 – August 2016

- Research project locations at the Office of State Archaeology
- Create field maps
- Conduct spatial analysis
- Create graphics for reports and proposals
- Conduct archaeological field work

North Carolina State University

August 2015 – December 2015

Adjunct Professor: Introduction to Forensic Anthropology

William Peace University

August 2015 – December 2015

Adjunct Professor: Introduction to Forensic Science

North Carolina State University

Forensics Laboratory Assistant

January 2015 - August 2015

- Assisted with casework by taking inventory, taking x-rays, measuring skeletal elements and estimating the biological profile with traditional Forensic methods as well as 3D-ID and FORDISC computer programs
- Macerate human and animal material

- Responded to two crime scenes to assist in locating and exhuming human remains with Forensic Anthropologist Ann Ross
- Taught forensic anthropology laboratory and field methods at CSI Summer Camp

Teaching Assistant: Forensic Anthropology Laboratory and Field Methods

Month of May 2015

- Taught students to use total station
- Presented lecture material
- Planned classroom activities

Research Assistant “*A Multi-Modal Method for Determining the Postmortem Interval in Juvenile Remains and Assessing Skeletal Health*”

August 2014 - May 2015

- Acquired bone density of subjects using a Hologic Dual-energy X-ray absorptiometry (DXA) scanner
- Collected decomposition data applying knowledge of existing standards
- Created 3D map of research site in Google SketchUp

Teaching Assistant: Physical Anthropology

January 2014 - May 2014

- Presented lecture material to a class of 80 students
- Graded student homework and tests
- Created classroom activities and test questions
- Assisted students with course material during office hours

Certifications

IAI International Association for Identification
Certified Crime Scene Investigator

June 2019-Present

Awards

Durham Police Department, Employee of the Month

June 2022

Memberships

IAI International Association for Identification

October 2018- Present

AAFS American Academy of Forensic Sciences

March 2019-Present

Florida Emergency Mortuary Operations Response System (FEMORS), Evidence Specialist

July 2022-Present

Conference Presentations

SAA Society for American Archaeology “Using GIS to Reassociate Commingled Remains”

April 2015

Publications

M. Steyn, S. Voeller, D. Botha, A. Ross

“Cribra Orbitalia: Prevalence in Contemporary Populations.” *Clinical Anatomy*

September 2016

Book Chapter Manuscript:

S. Voeller

Chapter 8: “The use of GIS for cases of commingling”, S.Voeller

A. Ross, J. Byrd, “Methodological and Technological Advances in Forensic Science: Application and Case Studies”

Specialized Training

Courses

Child Death Investigation (16 hrs.) **October 2016**

Metallic Evidence Detection at Crime Scenes (4 hrs.) **October 2016**

Staged Crime Scenes: Crime Scene Clues to Suspect Misdirection of the Investigation (4 hrs.) **October 2016**

Basic Crime scene Investigation (80 hrs.) **October 2016**

Death Investigation (40 hrs.) **November 2017**

Shooting Reconstruction (40 hrs.) **March 2018**

Basic Bloodstain Pattern Analysis (40 hrs.) **April 2018**

Blood Enhancement Techniques (3 hrs.) **July 2018**
Basic Latent Print Comparison (36 hrs.) **March 2019**
Gunshot Wounds and Forensic Evidence (40 hrs.) **April 2019**
Suicide Investigation (16 hrs.) **November 2020**
Documentation and Bloodstain Pattern Analysis (24 hrs.) **April 2021**
Training and Competency Testing Requirements for IBIS Data Acquisition/Triage (16 hrs.) **July 2021**
(FEMA) IS 100 Introduction to Incident Command Systems (3 hrs.) **August 2022**
(FEMA) IS 200 Incident Command System for Single Resources and Initial Action Incidents (3 hrs.) **August 2022**
(FEMA) IS 700 National Incident Management System (NIMS), An Introduction (3 hrs.) **September 2022**
(FEMA) IS 800 National Response Framework, An Introduction (3 hrs.) **September 2022**

Court Room Testimony

Crime Scene Investigation

Superior Court; September 25, 2019

Superior Court; November 30 and December 1, 2021

Superior Court; February 1, 2022