

## CURRICULUM VITAE 2024

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**Alice E. Danas**

alicedanas@firearmsexperts.com

### WORK HISTORY

June 2019 – Present

#### **G&G Firearms Experts, Inc.**

Firearm Examiner, Ballistician & Gunshot Residue Technician

Corporate: 406 Mason Road, Milford NH 03055

Laboratory: 164 Andover Street, Lowell MA 01852

- Firearm Examiner, Comparison Microscopy Consultation:
  - Firearm & Toolmark Identification, Firearms Examination, Cartridge Case & Bullet Comparison. Consultant: Greg A. Danas
- Assisting examinations regarding firearms, ballistics, and gunshot residue (GSR) analysis under the tutelage of Greg A. Danas. Administrative handling of casework. Assisted as a technician in over 150 criminal/civil cases.
- Assessing physical evidence at crime scenes.
- Training in identifying and comparing ballistics evidence by conducting comparison microscopy of projectiles/fragments, cartridge casings, and cartridges.
- Consultation with attorneys.
- Apprentice gunsmith via on-workbench training – A.G. Guns Lowell, MA 01852.
- GSR examiner apprentice – New England Analytical + G&G Firearms Experts, Inc.
- Gather/return evidence from the Boston Police Department and surrounding police departments since 2022. Participate in firearm examinations via videography and photography at the Boston Police Department and surrounding police departments since 2022.
- Participate in firearm examinations via videography and photography at the Massachusetts State Police Crime Laboratory (MSPCL) since 2023.
- Performed a technical/ballistics review at the Maine State Police Forensic/Ballistics Laboratory using MSP Leica comparison microscope – 2022.

January 2023 – Present

**A&E Firearms Experts, Inc.**

President

Forensic Firearm Consulting Services

Specialist in Forensic Gunshot Residue Analysis

Staff: Alice E. Danas, Greg A. Danas, Elaine A. Danas

Corporate: 406 Mason Road, Milford NH 03055

Laboratory: 164 Andover Street Floor 3, Lowell MA 01852

- Ballistics/toolmark services performed on Leica FS C comparison microscopes
- Scanning Electron Microscopy conducted on JOEL/JSM 5900 SEM/Oxford Instruments X-MAX SSDs hardware/AZTEC GSR to meet ASTM E1588 guidelines

June 2020 – August 2020

**MustangBio**

Intern

377 Plantation Street, Worcester MA 01605

DEGREE EDUCATION

August 2018 – May 2022

**B.A. – Biotechnology and Molecular Biology**

**Light the Way Scholar Certificate**

Assumption University

500 Salisbury Street, Worcester MA 01609

CONTINUING EDUCATION TRAINING/CLASSES

**AZTEC EDS**

**Oxford Instruments America, Inc.**

300 Baker Avenue, Suite 150

Concord, MA 01742

Alfredo Gonzalez

02/27/24 - 02/28/24

**Courtroom Testimony for the Forensic Science Professional**

Tri-Tech Forensics Training

Rhode Island State Crime Laboratory, Kingston, RI 02881

Shelly Haight

01/22/24 - 01/24/24

**Effective Preparation for Evidentiary Hearings**

Nichols Forensic Science Consulting, Online Course

Ronald Nichols

01/13/2024

**Differentiating Toolmarks Made by Different Tools I - Consecutive Matching Striations**

Nichols Forensic Science Consulting, Online Course

Ronald Nichols

06/22/2023

**Scanning Electron Microscopy (SEM) Certification**

Hooke College of Applied Sciences, Online Course

Craig S. Schwandt, Douglas C. Meier

09/29/2022

**Inspection Microscopy Virtual Workshop**

Leica Microsystems

Bob Cowden, Advanced Workflow Specialist, Leica Microsystems

08/04/2021

**PA3 - Particle Analysis in SEM with JEOL SEM/EDS**

JEOL USA, Inc. Webinar

08/03/2021

**Traceable Microscopy Virtual Workshop**

Leica Microsystems

Nick Baker, Advanced Workflow Specialist, Bob Cowden, Advanced Workflow Specialist

08/03/2021

**Tutorial: SEM and EDS Basic Theory**

JEOL USA, Inc. Webinar

David C. Edwards, Sr. Applications Specialist

08/03/2020

CONTINUING EDUCATION MEMBERSHIPS/CERTIFICATIONS

**New England Division of the International Association for Identification – Associate Member**

01/24/24

**Southwestern Association of Forensic Scientists, Inc. – Active Member**

12/12/2023

**International Association for Identification – Active Member**

10/13/2023

**Glock Armorer**

25 Green Street, Ipswich MA 01938

05/02/2023

**Smith & Wesson M&P 2.0 Pistol Armorer**

Brattleboro Fire Department, Brattleboro VT 05301

03/07/2023

**Sig Sauer P320 Armorer**

Sig Sauer Academy, Epping NH 03801

11/18/2022

PRESENTATIONS

**Seminar – CPCS Essex Defenders Unit**

Essex County CPCS Headquarters, Salem, MA 01970

09/27/2023

**Seminar – CPCS Roxbury Defenders Unit**

10 Malcolm X Boulevard, Boston, MA 02119

03/30/2023

**MCLE – Guns, Drugs & Money 2019**

Boston, MA

Assisted in the preparation of Mr. Danas' presentation.

2019

Note: G&G Firearms Experts, Inc. offers monthly forensic firearm workshops for counsel at its forensic ballistic laboratory in Lowell, MA. Education is offered to all Massachusetts Committee for Public Counsel Service (CPCS) attorneys and the State of New Hampshire Public Defender Offices.

TOURS

**Hi-Point Firearms/Manufacturing & Development Orientation**

1015 Springmill Road, Mansfield OH 44906

Hi-Point President: Joe Strasell

02/28/2023