**Name: Stuart Spaulding “Ty” Date of Last Update: 7/1/2025**

**Job Title: Forensic Scientist- Biology**

**Indicate all disciplines in which you currently perform testing or calibration work:**

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|  | **Seized Drugs** |  |  | **Blood Alcohol (Toxicology – Testing)** |
|  | **Biology** |  |  | **Firearms/Toolmarks** |
|  | **Latent Prints (Friction Ridge)** |  |  | **Crime Scene** |
|  | **Breath Alcohol (Toxicology - Calibration)** |  |  | **Impressions (Footwear)** |

**For each discipline checked in the table above, list all categories in which you perform work:**

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| Biology and evidence |

**Education:** List all higher academic institutions attended (list high school only if no college degree has been attained)**.**

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| Institution | Dates Attended | Major | Degree Completed |
| University of Alaska, Graduate School | 2014-2017 | Biology, Master of Sciences | Coursework completed/Thesis Incomplete |
| University of Alaska | 2008-2010 | Biology | Yes |
| Lane Community College | 2005-2007 | General Education | No |
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**Continuing Education:**  List formal coursework, conferences, workshops, in-service and other training received applicable to past and current forensic related positions.

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| Course Title | Source of Training | Date(s) of Training |
| 2025 HIDS Conference | Multiple Experts | 5/12/25-5/13/25 |
| 2024 Daubert Expert Witness Testimony Training | Ben McGough | 6/4/24-6/5/24 |
| Probabilistic Genotyping Software and Output | Received by STRmix vendors | 4/8/22024-4/11/2024 |
| Elements of DNA Profile Interpretation & Probabilistic Genotyping | Forensic Technology Center of Excellence | 12/4/2023-12/5/2023 |
| Forensic Biology Tech training | State of Alaska Crime Detection Laboratory | 8/19/2023-Current |
| Latent Print Suitability (16) Hours | Delta Forensics | 06/01/2023 |
| Root Cause Analysis | Seaglass Training | 05/09/2023 |
| Ethics | Seaglass Training | 05/09/2023 |
| Latent Print Processing Training | State of Alaska Crime Detection Laboratory | September 19, 2022-January 23, 2023 |
| Advanced Crime Scene Processing (Training) | State of Alaska Crime Detection Laboratory | September 19-20, 2022 |

**Testimony:** Complete the information below for testimony provided.

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| Discipline or Category of Testimony | Period of Time in Which Testimony Occurred | Approximate Number of Times Testified |
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**Professional Affiliations:** List professional organizations of which you are or have been a member. Indicate any offices or other positions held and the date(s) of these activities.

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| Organization | Period of Membership | Offices or Positions Held/Dates |
| International Association of Identification | 1.5 years | N/A |
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**Employment History:** List all scientific or technical positions held, particularly those related to forensic science. **List current position first.**

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| **Job Title** | Forensic Scientist 1/2 | **Tenure** | 3/21/2024-current |
| **Employer** | Alaska State Crime Lab | | |
| Provide a brief description of principal duties: In training to eventually identify and test stains for the presence of blood and semen, collect and retain stains and potential trace evidence, and perform analytical techniques to generate DNA profiles. | | | |
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| **Job Title** | Forensic Technician | **Tenure** | 8/21/2023-3/21/2024 |
| **Employer** | Alaska Department of Public Safety, Scientific Crime Detection Laboratory | | |
| Provide a brief description of principal duties: perform evidence inventory management and scientific support to the Forensic Biology discipline at the Alaska Scientific Crime Detection Laboratory. | | | |
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| **Job Title** | Forensic Scientist I | **Tenure** | 9/19/2022-8/21/2023 |
| **Employer** | Alaska Department of Public Safety, Scientific Crime Detection Laboratory | | |
| Provide a brief description of principal duties: Analyzing evidence for latent prints, writing reports of findings, mixing chemicals and general laboratory upkeep. | | | |
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| **Job Title** | QA/QC Technician/Brewery Biologist | **Tenure** | 2017-2022 |
| **Employer** | Midnight Sun Brewing Company | | |
| Provide a brief description of principal duties: As the QA/QC technician and brewery scientist, I provided guidance in detecting critical control points of oxygen and microbial contamination leading up to the packaging of beer and identified species types of microbial infection in any beer produced prior to distribution. | | | |
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| **Job Title** |  | **Tenure** |  |
| **Employer** |  | | |
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| **Job Title** |  | **Tenure** |  |
| **Employer** |  | | |
| Provide a brief description of principal duties: | | | |
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| **Job Title** |  | **Tenure** |  |
| **Employer** |  | | |
| Provide a brief description of principal duties: | | | |
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**Other Qualifications:** List below all personal certifications identifying the issuing organization and the dates; all scientific publications and/or presentations you have authored or co-authored, research in which you are or have been involved, academic or other teaching positions you have held, and any other information which you consider relevant to your qualifications.

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