**Name: Jessica Miyaoka Date of Last Update: 5/21/2024**

**Job Title: Forensic Scientist III**

**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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| Body Fluid Identification, DNA-Nuclear |

**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 Anchorage | 2007-2011 | Biological Sciences  (minor in Japanese) | Bachelor of Science |
| University of Alaska Anchorage | 2007-2009 | General Studies | Associate of Arts |

**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 |
| DNA Evidence Identification, Collection, and Preservation for Law Enforcement training class | NIJ/University of Tennessee | 13 July –  14 July 2011 |
| Intermediate Forensic Digital Image Processing training class | David Witzke/Foray Technologies | 26 July –  27 July 2011 |
| Statistics Workshop | Dr. Bruce Budowle | 8 August –  11 August 2011 |
| Documenting and Collecting Snow Impression Evidence | Jim Wolfe | 26 January 2012 |
| ABC's of Forensic Biology | Cheryl Duda, Stacey Johnson, Kristin Vaona | 16 February 2012 |
| CODIS 7.0 CBT | CODIS Computer Based Training Modules | 19 July –  23 July 2012 |
| Qiagen instrument training for use of the Qiasymphony and Qiagility | Dorothy Mei | 21 August –  23 August 2012 |
| Applied Biosystems/Life Technologies training for use of the 3500xl and 7500 instruments | Kelly Fenesan, Melissa Kotkin | 18 September –  20 September 2012 |
| Applied Biosystems/Life Technologies teach-back for the validation of the 3500xl genetic analyzer, PowerPlex 16 kit, and Y-filer kit and data analysis training | Joanne Sgueglia, Melissa Kotkin | 8 October –  12 October 2012 |
| Paternity Statistics for Forensic Casework course | Pamela Jarman, Bode Technology | 29 May 2013 |
| DNA Mixture Interpretation Workshop & Webcast | moderated by John Paul Jones, NIST | 10 June 2013 |
| Hair Evaluation for DNA Analysis | West Virginia University | 21 Nov –  13 Dec 2013 |
| Life Technologies teach-back for the validation of the Global Filer Express kit | Jennifer Elliott | 4 Feb – 5 Feb 2014  (7 hours) |
| Forensic Biology Identification of Body Fluids and Hairs Training Completed | In-house | Completed  18 Mar 2014 |
| Blood Stain Pattern Analysis I | Ross Gardner and Tom Griffin, Bevel Gardner & Associates | 25-29 Aug 2014  (45 hours) |
| DNA Screening Training Completed | In-house | Completed  25 Nov 2014 |
| Life Technologies/ThermoFisher teach-back for the validation of Quantifiler Trio and Global Filer kits | Jennifer Elliott | 3 Mar – 5 Mar 2015 |
| Armed Expert software training for DNA mixture analysis | NicheVision Forensics | 17 May –  19 May 2016  (24 hours) |
| Science in the Courtroom – A Legal, Practical & Evidence-Based Guide for the Forensic Specialist | Val Van Brocklin | 16 Aug –  17 Aug 2017 |
| Y-STR Training | William Frank – Illinois Police Department DNA Technical Manager | 11 Oct –  12 Oct 2017 |
| Promega teach-back for validation of Power Plex Y23 Kit | Jonelle Thompson | 28 Mar 2018 |
| DNA analysis Training Completed | In-house | Completed  10 Sep 2018 |
| ISO/IEC 17025 Internal Auditor Training | Emma Dutton, ANAB | 17 Jun 2019 –  20 Jun 2019 |
| Y-screen assay, Data Collection v. 4 software overview | Peterjon McAnany, Thermo Fisher Scientific | 26 Jun 2019 |
| Methods of Instruction | Gregory Stocker | 3 Sep 2019 –  9 Sep 2019 |
| International Symposium for Human Identification (virtual conference – general session, Rapid DNA workshop, and Probabilistic Genotyping workshop | Promega | 14 Sep 2020 –  17 Sep 2020 |
| 2021 Annual CODIS Conference | FBI | 16 Nov 2021 – 18 Nov 2021 |
| 2022 American Academy of Forensic Sciences Conference | AAFS (in person in Seattle) | 22 Feb 2022 – 25 Feb 2022 |
| Qiagen Training – EZ2 and Qiacube Connect | Carrie Mayes and Bryan Davis | 18 May 2022 |
| ThermoFisher Training – RapidHit ID System | Kristen Smith | 25 Oct 2022 |
| Online Webinars for Probabilistic Genotyping | Forensic Technology Center of Excellence | 15-16 Nov 2023 |
| STRmix Training Workshop | Jo-Anne Bright, Laura Russell, and Kevin Cheng | 8-11 April 2024 |

**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 |
| Biological Screening | May 2015, August 2016 | 1-Palmer  1-Fairbanks |
| DNA Screening | February 2016, November 2016, February 2017, June 2017 (x3), August 2017, March 2018, April 2018, June 2018, July 2018, March 2019, June 2019, February 2020. July 2021, January 2023, January 2024 | 4-Fairbanks  5-Anchorage  1-Kotzebue  2-Bethel  3-Kodiak  1-Ketchikan 1-Barrow |
| Forensic Biology | February 2019, October 2019, December 2019, January 2020, January 2021, May 2022, June 2022. July 2022, August 2022, September 2022, July 2023 (x2), September 2023, October 2023, November 2023. January 2024, March 2024, April 2024, May 2024 | 7-Anchorage  1-Kenai  3- Bethel  2-Fairbanks  1-Petersburg  1-Naknek  2-Kotzebue  1-Juneau  1-Palmer |

**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 |
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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 III - DNA | **Tenure** | November 2018 – current |
| **Employer** | Alaska Department of Public Safety, Scientific Crime Detection Laboratory | | |
| Provide a brief description of principal duties: | | | |
| Biologically screen and analyze submitted evidence for body fluids and DNA, generate and analyze DNA profiles | | | |

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| **Job Title** | Forensic Scientist II - DNA | **Tenure** | January 2015 – November 2018 |
| **Employer** | Alaska Department of Public Safety, Scientific Crime Detection Laboratory | | |
| Provide a brief description of principal duties: | | | |
| Biologically screen and analyze submitted evidence for body fluids and DNA. | | | |

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| **Job Title** | Forensic Scientist I - DNA | **Tenure** | October 2013 – January 2015 |
| **Employer** | Alaska Department of Public Safety, Scientific Crime Detection Laboratory | | |
| Provide a brief description of principal duties: | | | |
| Biologically screen submitted evidence for the presence of body fluids and DNA | | | |

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| **Job Title** | Forensic Technician I | **Tenure** | June 2011 – October 2013 |
| **Employer** | Alaska Department of Public Safety, Scientific Crime Detection Laboratory | | |
| Provide a brief description of principal duties: | | | |
| Forensic biology laboratory support (ex. reagent preparation, instrument maintenance, etc.) | | | |

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| **Job Title** | Summer Intern | **Tenure** | May 2010 - August 2010 |
| **Employer** | Alyeska Pipeline Service Company | | |
| Provide a brief description of principal duties: | | | |
| Quality assurance assistance, data review, report creation, data entry | | | |

**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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