**Name: Jennifer Foster Date of Last Update: 12/14/2023**

**Job Title: Forensic Scientist-4**

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| [ ]  | **Seized Drugs** |  | [ ]  | **Blood Alcohol (Toxicology – Testing)** |
| [x]  | **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:**

|  |
| --- |
| DNA-Nuclear, Body Fluid Identification, Individual Characteristic Database |

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

|  |  |  |  |
| --- | --- | --- | --- |
| Institution  | Dates Attended | Major | Degree Completed |
| Arcadia University | 2005-2007 | Forensic Science | MSFS |
| Binghamton University | 2002-2005 | Psychobiology | BS |
| Fairleigh Dickinson University | 2001-2002 | NA | NA |
|  |  |  |  |
|  |  |  |  |

**Continuing Education:**  List formal coursework, conferences, workshops, in-service and other training received applicable to past and current forensic related positions.

|  |  |  |
| --- | --- | --- |
| Course Title | Source of Training | Date(s) of Training |
| Northeast Regional Forensic Institute (NERFI) | Various instructors from NERFI; main instructor Andy Wist | Took place over a 16 week period (Completed July 2007) |
| Mixture Interpretation and Statisical Analysis Training | George Carmody and Ray Wickenheiser | April 23-27, 2007 |
| Applied Biosystems/HID Future trends in Forensic DNA technology | Applied Biosystems | August 8, 2008 |
| FBI Auditor training | Rich Guerrieri and Heather Seubert (at BODE East) | May 17-18, 2009 |
| BODE 8th Annual Advanced DNA Technical Workshop | Various speakers/presenters | May 19-21, 2009 |
| Identifiler Direct training | Timothy McMahon (from Applied Biosystems) | March 8, 2010 |
| 3rd Annual Green Mountain DNA Conference | Various speakers/presenters | July 26-28, 2010 |
| Microscopy of sperm | Kristin Denning (in house) | March 21, 2011 |
| DNA Data Interpretation and Statistics Workshop | Dr. Bruce Budowle | August 8-11, 2011 |
| Mixture interpretation workshop | Promega | October 3, 2011 |
| 22nd International Symposium on Human Identification | Various speakers/ presenters (sponsored by Promega) | October 3-6, 2011 |
| CODIS 7.0 | Computer based training | July 3-9, 2012 |
| QIAGEN Introduction to the QIASymphony and the | Dorothy Mei | August 21-22, 2012 |
| Life Technologies/Applied Biosystems Quant Duo, 7500 real time PCR and 3500xl training  | Kellie Fenesan and Melissa Kotkin | September 2012 |
| Life Technologies: 3500xl Genetic Analyzer, PowerPlex 16 System, and YFiler Validation Lectures and Data Analysis Training.  | Joanne Sgueglia and Melissa Kotkin | October 8-12, 2012 |
| Northeastern Association of Forensic Scientists 38th annual meeting | Various speakers/presenters | November 13-16, 2012 |
| True Allele Mixture Workshop (DNA Expert System Software) | Moderator-Jay Caponera | November 13, 2016 |
| Hair evaluation for DNA Analysis | Online through West Virginia University | Completed December 3, 2012 |
| Forensic Biology Identification of Biological Fluids and Hairs | In house | Completed April 15, 2013 |
| Paternity Statistics for Forensic Casework | Pamela Jarman (sponsored by Bode Technology) | May 29, 2013 |
| NIST DNA mixture interpretation webcast | Various lecturers moderator John Paul Jones  | June 10, 2013 |
| Methods of Instruction | Officer Todd Kearns | July 29-August 2, 2013 |
| Life Technologies Teachback: GlobalFiler Express | Jennifer Elliot  | February 4-5, 2014 |
| Applications of Next Generation Sequencing in Forensic DNA | Various speakers/presenters | February 18, 2014 |
| American Academy of Forensic Science 66th Annual Scientific Meeting | Various speakers/presenters | February 17-22, 2014 |
| Blood Pattern Analysis Level 1 | Ross M. Gardner and Tom | August 25-29, 2014 |
| Life Technologies: Quantifiler Trio and GlobalFiler validation lecture | Jennifer Elliot | March 3-5, 2015 |
| FBI QAS auditor training  | Online | February 12, 2016 |
| DNA Mixture Analysis (Armed Expert) | NicheVision Forensics, LLC | May 17-19, 2016 |
| Science in the courtroom: A legal, practical, and evidence based guide for the forensic scientist | Val Van Brocklin | August 15-16, 2017 |
| YSTR training | William Frank (Illinois State Police) | October 11-12, 2017 |
| YSTR teach back Y23 | Jonelle Thompson (Promega) | March 28, 2018 |
| YSTR- webinars (x3) | Various speakers/presenters | April 23-25, 2018 |
| Gordon Research Conference on Forensic Analysis of Human DNA | Various speakers/presenters | June 17-22, 2018 |
| National CODIS conference | FBI | December 2018 |
| Future trends in DNA | Peterjon McAnany, Thermo/Applied Biosystems | June 2019 |
| ANAB internal assessor training | Emma Dutton, ANAB | June 2019 |
| Promega ISHI 2020 virtual conference | Various speaker/presenters | September 14-16, 2020 |
| FBI QAS auditor training (for the July 2020 updates) | Online- | Completed 7/24/2020 |
| National CODIS Conference | Online FBI-various speakers, includes the State admin session, includes the Syaye Admin session | December 8-10, 2020 |
| ASCLD Leadership | 12 week online Leadership training culminating in a 2 days capstone  | May-August 2021 |
| 48th Annual ASCLD Symposium | Various speakers | August 22-26, 2021 |
| National CODIS Conference | Online FBI-various speakers, includes the State admin session | November 15-19, 2021 |
| RapidHIT training  | Kristen Smith (Life Technologies)  | 10/25/2022  |
| Qiagen EZ2 and QIAcube Connect training  | Carrie Mayes and Bryan Davis (Qiagen)  | 5/18/2022  |
| CODIS State Admin meeting | Online FBI | 5/17-5/19, 2022 |
| National CODIS Conference  | Online FBI-various speakers, includes the State admin session on 11/18/22 | 11/14-11/18, 2022 |
| Root Cause Analysis: Being Effective when Implementing Corrective Action and Ethics Refresher for Forensic Scientists | Anja Einseln, Seaglass Training | 5/9-5/10, 2023 |
| 2023 Annual CODIS conference and State Administrator meeting | FBI and assorted presenters | November 13-16, 2023 |
|  |  |  |

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

|  |  |  |
| --- | --- | --- |
| Discipline or Category of Testimony | Period of Time in Which Testimony Occurred | Approximate Number of Times Testified |
| Forensic Biology (in Alaska) | 2011-2018 | >50 |
| Forensic DNA (in Massachusetts) | 2007-2010 | >10 |
|  |  |  |
|  |  |  |

**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.

|  |  |  |
| --- | --- | --- |
| Organization | Period of Membership | Offices or Positions Held/Dates |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

**Employment History:** List all scientific or technical positions held, particularly those related to forensic science. **List current position first.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Job Title** | Forensic Scientist IV Forensic Biology | **Tenure** | 10/18-current |
| **Employer** | Alaska Scientific Crime Detection Laboratory |
| Provide a brief description of principal duties: |
| Supervise the Forensic Biology discipline of the laboratory. Perform scientific techniques in the identification of body fluids ( i.e., blood and semen) and analyze evidence to generate DNA profiles, interpret DNA profiles, prepare written reports and perform technical and administrative reviews. Assist with internal audits and ensure compliance with ANAB and FBI QAS requirements.  Provide expert witness testimony. |

|  |  |  |  |
| --- | --- | --- | --- |
| **Job Title** | Forensic Scientist III Forensic Biology | **Tenure** | 10/10-10/18 |
| **Employer** | Alaska Scientific Crime Detection Laboratory |
| Provide a brief description of principal duties: |
| Perform biological/DNA screening and DNA analysis on forensic casework. Perform scientific techniques in the identification of body fluids ( i.e., blood and semen) and analyze evidence to generate DNA profiles, interpret DNA profiles, prepare written reports and perform technical and administrative reviews. Provide expert witness testimony. |

|  |  |  |  |
| --- | --- | --- | --- |
| **Job Title** | Chemist II DNA | **Tenure** | 09/07-10/10 |
| **Employer** | Massachusetts State Police Crime Laboratory |
| Provide a brief description of principal duties: |
| Perform DNA analysis on forensic casework. Perform autosomal and Y-STR DNA analysis. |

|  |  |  |  |
| --- | --- | --- | --- |
| **Job Title** | Chemist I DNA | **Tenure** | 12/06-09/07 |
| **Employer** | Massachusetts State Police Crime Laboratory |
| Provide a brief description of principal duties: |
| Training for DNA analysis on forensic casework. |

|  |  |  |  |
| --- | --- | --- | --- |
| **Job Title** |  | **Tenure** |  |
| **Employer** |  |
| Provide a brief description of principal duties: |
|  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Job Title** |  | **Tenure** |  |
| **Employer** |  |
| Provide a brief description of principal duties: |
|  |

**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.

|  |
| --- |
|  |