**Name: Charles Foster Date of Last Update: 2/28/2024**

**Job Title: Forensic Science Laboratory Administrator 1 (Assistant Chief)**

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **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:**

|  |
| --- |
|  |

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

|  |  |  |  |
| --- | --- | --- | --- |
| Institution | Dates Attended | Major | Degree Completed |
| University of Alaska | 1996-2000 | Chemistry | B.S. |
| Michigan State University | 2000-2002 | Forensic Science/Chemistry | 2 years graduate study |
| University of Florida | 2005-2008 | Forensic Toxicology | M.S. |

**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 |
| Root Cause Analysis | Seaglass Training | 2023 |
| 49th Annual ASCLD Symposium | American Society of Crime Laboratory Directors | 2022 |
| Leadership Academy (Level 2) | American Society of Crime Laboratory Directors | 2022 |
| SAP Crystal Reports Training – Basic and Intermediate | JusticeTrax, Inc. | 2022 |
| Minimizing Bias and Enhancing Forensic Decision Making | Dror, Itiel | 2021 |
| Annual User Group Meeting | JusticeTrax, Inc. | 2020 |
| Forensic ISO/IEC 17025:2017 Internal Auditor Training | ANSI National Accreditation Board (ANAB) | 2019 |
| 46th Annual ASCLD Symposium | American Society of Crime Laboratory Directors | 2019 |
| Leadership Academy | American Society of Crime Laboratory Directors | 2019 |
| Science in the Courtroom | Val Van Brocklin | 2017 |
| Assessor Training Course for Testing Laboratories | ASCLD/LAB | 2016 |
| Academy for Supervisors | State of Alaska Dept. of Administration | 2016 |
| Lighten Your Analytical Workload | Thermo Scientific | 2015 |
| 66th Annual Scientific Meeting | American Academy of Forensic Sciences | 2014 |
| Novel Psychoactive Substances (NPS): Pharmacology, Toxicology, Psychiatry, and Case Reports | American Academy of Forensic Sciences | 2014 |
| Designer Drug Detection in Forensic Toxicology: From Basics to Brilliant! | American Academy of Forensic Sciences | 2014 |
| Annual Conference | International Association of Chemical Testing | 2012 |
| Measurement Confidence | International Association of Chemical Testing | 2012 |
| LC-MS: Tips, Troubleshooting and Techniques | Joint Meeting of SOFT & TIAFT | 2011 |
| Pairing Clinical & Postmortem Toxicology Findings for Interpretation Purposes | Joint Meeting of SOFT & TIAFT | 2011 |
| ICP-MS for Metals and Elements Testing in Toxicology | Joint Meeting of SOFT & TIAFT | 2011 |
| DataMaster DMT Factory Training | National Patent Analytical Systems, Inc. | 2011 |
| The Robert F. Borkenstein Course on Alcohol and Highway Safety: Testing, Research, and Litigation | Indiana University, Center for Studies of Law in Action | 2011 |
| DataMaster DMT Theory of Operation, Supervisory Functions, and Maintenance and Repair | National Patent Analytical Systems, Inc. | 2010 |
| Breath Test Supervisor Certification | Alaska Scientific Crime Detection Laboratory | 2010 |
| ASCLD/LAB International Preparation Course | ASCLD/LAB | 2007 |
| Techniques of Ion Trap GC/MS | Varian, Inc. | 2006 |
| Toxi-Lab® Training | Varian, Inc. | 2006 |
| Practical Chromatography Techniques Applied to Solid Phase Extraction | Varian, Inc. | 2005 |
| Analysis of Samples from Clandestine Methamphetamine Laboratories | American Academy of Forensic Sciences | 2005 |
| Practical Chromatographic Mechanisms Applied to Solid Phase Extraction | American Academy of Forensic Sciences | 2005 |
| Basic Fire Debris Analysis School | Pinellas County Forensic Laboratory | 2004 |
| Forensic Chemists Seminar | Drug Enforcement Administration | 2003 |
| Forensic Expert Witness Training in a Daubert Environment | Southern Association of Forensic Scientists | 2002 |
| Narcotic Identification Class | ODV, Inc. | 2002 |

**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 |
| Drug Chemistry | 2002 to Present | 36 |
| Toxicology - Testing | 2005 to Present | 45 |
| Toxicology - Calibration | 2010 to Present | 25 |

**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 |
| American Society of Crime Laboratory Directors | 2023 to Present | Standards and Accreditation Initiatives Committee Member |
| American Society of Crime Laboratory Directors | 2020 to Present | Member |
| National Forensic Science Academy – A Program of RTI International | 2019 to Present | Certified Forensic Manager - I |
| Alaska Marijuana Control Board Testing Working Group | 2017-2018 |  |
| ANSI National Accreditation Board (ANAB) | 2016-Present | Technical Assessor |
| Permit to Conduct Blood Alcohol Analysis – Florida Department of Law Enforcement | 2006-2008 |  |
| Fellow of the American Board of Criminalistics (Drug Chemistry) | 2006-2008 |  |
| Certificate in Forensic Toxicology, University of Florida | 2006 |  |
| Associate Member of the American Academy of Forensic Sciences | 2004-2008 |  |

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Job Title** | Assistant Chief, Forensic Laboratories | **Tenure** | 10/1/2019 - Present |
| **Employer** | State of Alaska Scientific Crime Detection Laboratory | | |
| Provide a brief description of principal duties: | | | |
| Coordinating and managing the forensic activities of the Alaska Scientific Crime Detection Laboratory directly and through subordinate supervisors. Responsibilities include supervising forensic discipline supervisors, supervising research, and development projects, and ensuring quality control. Laboratory Information Management System (LIMS) Administrator, Training Coordinator. | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Job Title** | Forensic Scientist III & IV | **Tenure** | 09/2010 – 10/1/2019 |
| **Employer** | State of Alaska Scientific Crime Detection Laboratory | | |
| Provide a brief description of principal duties: | | | |
| Forensic Scientist IV (04/2016 – 10/1/2019): Supervise Forensic Technician and Forensic Scientist I/II/III assigned to the Chemistry Discipline. Manage cases submitted to the Chemistry Discipline. Perform scientific analyses as described for Forensic Scientist III position listed below. Oversee State of Alaska breath alcohol program as the Scientific Director.  Forensic Scientist III (09/2010 - 04/2016): Perform quantitative analyses on blood and beverage samples for ethanol. Certify, calibrate, and perform other maintenance activities on evidentiary breath alcohol instruments. Instruct law enforcement personnel breath alcohol certification courses. Perform qualitative analyses on suspected controlled substances. Testify in court as an expert witness on laboratory results, policies, and procedures. | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Job Title** | Air Quality Technician | **Tenure** | 09/2008-09-2010 |
| **Employer** | Fairbanks North Star Borough | | |
| Provide a brief description of principal duties: | | | |
| Installation and retrieval of PM2.5 field samples. Data retrieval, quality control checks, and periodic maintenance of air quality instrumentation. Field installation of newly acquired air quality instrumentation. Reviewed EPA quality control documentation to ensure laboratory compliance. | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Job Title** | Forensic Toxicologist I & II | **Tenure** | 10/2005-07-2008 |
| **Employer** | Pinellas County Forensic Laboratory | | |
| Provide a brief description of principal duties: | | | |
| Performed qualitative and quantitative analyses on postmortem and human performance biological samples. Testified in court as an expert witness on laboratory results, policies, and procedures. Oversaw toxicology case analyses and routed/ordered tests as needed. Served as Instrument Coordinator. Assisted in the evaluation and validation of new procedures for possible implementation. Assisted in training and acted as mentor for new and current employees and interns. | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Job Title** | Forensic Chemist I & II | **Tenure** | 05/2002-07-2008 |
| **Employer** |  | | |
| Provide a brief description of principal duties: | | | |
| Performed routine and complex analysis on suspected controlled substances. Testified in court as an expert witness on laboratory results, policies, and procedures. Conducted peer review of casework. Provided forensic science presentations to the general public. Provided technical training and assistance to local law enforcement personnel. Served as Drug Standard Coordinator. | | | |

**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.

|  |
| --- |
|  |