

Norman J. Rodríguez-Iglesias

412 Bainbridge St., Unit F
Philadelphia, PA 19147

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QUALIFICATIONS

Skilled environmental biotechnologist with strong background in microbiology, chemistry, and chemical engineering, as well as professional experience in project management, planning and program analysis, facilitation and training, continuous process improvement-lean, exercise design and evaluation, enforcement, wastewater and drinking water infrastructure, quality assurance and field quality assurance programs, field sampling, laboratory protocol validation, water security, threat assessment, emergency readiness, response capability enhancement, inter-agency coordination, risk communication and continuity of operations. Excellent computer skills, complemented by a solid academic and professional experience in public speaking and scientific writing. Works effectively as a member of a team and independently. Professional Continuity Practitioner Certification.

EDUCATION

University of Idaho, Moscow, Idaho 83844

Graduate School, Environmental Sciences
26 credits total

University of Puerto Rico, Mayagüez, Puerto Rico 00680

Bachelor of Science in Industrial Biotechnology, May 2001

Academy of the Immaculate Conception, Mayagüez, Puerto Rico 00680

High School Diploma, May 1995

EXPERIENCE

Life Scientist, Environmental Protection Agency, 1650 Arch St; Philadelphia, PA 19103 (01/17-present)

Environmental Assessment and Innovation Division – Immediate Office

GS-13

Salary: \$109,929

Supervisor: John Forren

- **Region 3 Field Operations – Quality Assurance Field Activities Procedures (QAFAP)** – Lead the management and implementation of the QAFAP across all organizations.
 - Coordinate and manage Regional Field Document Control System and record management needs
 - Maintain and review all field related Standard Operating Procedures (SOPs)
 - Coordinate regional field operations training and record system
 - Manage communications and reporting regarding the Region 3 Field Operations Management System (RFOMS) and QAFAP at regional and national levels
 - Lead Divisional Field Activities Coordination Team (FACT) meetings and activities
 - Represent Region 3 on national calls and workgroups
 - Coordinate internal and external assessments of the RFOMS to ensure compliance with QAFAP
- **Response Support Corps**
 - Hurricane Maria Response – Community Involvement Coordinator (CIC)/Group Supervisor PR North Branch (16 days), CIC PR West Branch (28 days).
 - Led initial site assessment and selection of collection pads for characterization and separation of household hazardous waste (HHW).
 - Led communications and coordination with federal and state counterparts as well as negotiation with local officials regarding access agreements and effective strategy for collection and separation of HHW.
 - Scheduled collection events and informational meetings, provided interviews and disseminated

- response information.
- Coordinated and determined priorities, methods and resource requirements for the effective clean-up of a University of Puerto Rico marine sciences laboratory affected by the hurricane.
- Developed a tracking system for response activities per municipality, instrumental in evaluating progress and determining outcomes and future needs.
- **Acting Regional Quality Manager (12/17-02/18)**
 - Review internal and external Quality Management Plans (QMP) and Quality Assurance Project Plans (QAPPs)
 - Initial assessment of laboratory fraud investigation
 - Enterprise Quality Management System Workgroup – Develop national Quality Assurance (QA) database
- **Philadelphia Federal Executive Board (FEB)**
 - Liberty Down 18 Continuity Exercise – Planning for functional devolution exercise.
 - Liberty Down 17 Continuity Exercise – Planned and facilitated exercise.
 - Devolution Workshop – Served in expert panel for devolution.
- **Continuity of Operations (COOP) Emergency Relocation Group (ERG) Chesapeake Bay Program Table Top Exercise (TTX) – Facilitator (01/2018)**
- **Region 3 National Disaster Recovery Framework (NDRF) Workgroup** – Assisted in the development of the EPA Region 3 Plan and coordination with federal and state counterparts. Disaster Recovery Coordinator. Actively participate in this regional workgroup and provide advice and recommendations.

Program Analyst, Environmental Protection Agency, 1650 Arch St; Philadelphia, PA 19103 (12/10-08/17)

Office of Policy and Management/Planning and Analysis Branch

GS-13

Salary: \$102,291

Supervisor: Alizabeth Olhasso

- **Region 3 Continuity of Operations (COOP) Manager** - Managed the COOP program for all Region 3 facilities and maintained all plans. Developed annual COOP program plan and corrective action plan. Conducted annual evaluation of the COOP Program. Served as Agency liaison/representative to the FEB Philadelphia Emergency Preparedness & Security Workgroup. Intra and Inter-Agency coordination and communication. Managed the Everbridge Notification System. Coordinated and served as lead planner for COOP exercises at regional and national levels. Planned and provided annual COOP training. Led the EPA Region 3 COOP Council and provided expert advice and recommendations to state and federal agencies and EPA's Regional Incident Coordination Team, Senior Management and Headquarters on continuity and preparedness.
 - Professional Continuity Practitioner Certification
 - EPA Region 3 Crisis Management Team – Team comprised of Regional Front Office and COOP Manager
 - EPA Region 3 Continuity Council Lead – Lead for Council with representatives from every organization
 - FEB Philadelphia Emergency Preparedness & Security Workgroup – EPA representative to the FEB
 - National Workgroup Emergency Contact Information System (ECIS) – COOP expert and user needs
- **Regional Incident Coordination Team (RICT)** - Represented the Office of Policy & Management and provided updates and assistance regarding continuity and response.
- **Response Support Corps**
 - Presidential Inauguration IMT – Deputy Logistics Section Chief, planning phase (01/2013)
 - ICS 300/400 certified trainer
 - ICS Key Leadership Position (KLP) – Logistics Section Chief
- **Region 3 National Disaster Recovery Framework (NDRF) Workgroup** – Assisted in the development of the EPA Region 3 Plan and coordination with federal and state counterparts. Disaster Recovery Coordinator.
- **Looming Threat 16 COOP Devolution TTX** – Lead planner and facilitator (May 2016)
- **World Meeting of Families and Papal Visit 2015 Planning Team** – Coordinated logistics to continue EPA Region 3 operations and preparedness efforts for this National Level event.
- **R3 Lean Community of Practitioners (CoP)** – Advocated, facilitated, and implemented a Continuous Process Improvement culture in the Region.
 - Region 3 Onboarding mini-lean project – Process improvement for onboarding in Region 3.
- **Region 3 Pre-Boarding Coordinator** – Produced forms for on-boarding new hires, tracked all logistics, maintained communications with all stakeholders, and produced status reports.

- **Planning and Analysis / Project Management** – Provided expert advice and recommendations to Senior Management based on gathering information, discussing sensitive issues, and analyzing management perspectives. Analyzed environmental and policy issues for various statutes; including CERCLA/SARA, OPA, NCP, CWA, CAA, RCRA; and developed solutions as requested by Senior Management or programs. Supported Regional and National special projects and workgroups.
- Region 3 Regional Climate Network – Represented the Office of Policy & Management and assisted/coordinated events, meetings and products as delineated by the annual plan and in support of the Administration’s priority to “Address Climate Change.”
- Region 3 Workforce Development, Diversity and Inclusion Workgroup (03/2013-03/2015) – Special council selected to enhance and improve current efforts in workforce development and diversity by developing projects and programs that allow for increased efficiency and transparency.
 - Succession Planning: A Recommended Approach for EPA Region 3 – Assisted in the research and development of the report.
- Regional Quality Council – Quality Assurance Coordinator, Office of Policy and Management
 - Quality Assurance Annual Report and Work Plan – Provided input and drafted of the annual QAARWP
 - Quality Program Assistance Visit – Participated in the regional quality assessment process (07/2015)
- Region 3 Special Emphasis Program Manager – Hispanic Employment Program (2010-2013)
 - Managed the Hispanic Employment Program (HEP) in Region 3 and coordinated with other HEP Managers in the Regions and Headquarters. Leading recruitment, outreach strategies, and cultural events to enhance the visibility and participation of Hispanics in the government.
- Region 3 Multilingual Coordinator – Co-led Beyond Translation Initiative
 - Beyond Translation Forum 2013 – Lead planner and facilitator (05/2013)
 - Beyond Translation Speaker Series 2012 – Lead planner (04/2012)
 - Beyond Translation Forum 2011 – Lead planner and facilitator (11/2011)
 - Beyond Translation Forum 2010 – Lead planner and facilitator (04/2010)
- Resource Extraction Task Force – Provided strategic planning and accountability support to the team. (2010)

Program Analyst, Environmental Protection Agency, 1650 Arch St; Philadelphia, PA 19103 (05/08-12/10)

Office of Policy and Management/Planning and Analysis Branch

GS-12

Salary: \$80,748

Supervisor: Catherine Mastropieri

- Region 3 Continuity of Operations (COOP) – Back-up Planner
 - Professional Continuity Practitioner Certification
 - Liberty Down '09 exercise planner
 - Liberty RadEx Tier II National Exercise – Finance Section planner and controller
- Regional Quality Council – Quality Assurance Coordinator, Office of Policy and Management
 - Quality Assurance Annual Report and Workplan 2009/2010 – Provided input and assisted in the drafting of the annual QAARWP
 - Quality Program Assistance Visit – Participated in the regional quality assessment process (11/2009)
- ICS 300/400 certified trainer
- ICS Key Leadership Position (KLP) training – Logistics Section Chief
- Response Support Corps
- Regional Incident Coordination Team (RICT)
- Regional Homeland Security Workgroup
- Resource Extraction Task Force – Strategic Planning
- Planning contact for Water Protection Division
- Region 3 Multilingual Coordinator – Beyond Translation Initiative
 - Beyond Translation Forum 2010 – Lead planner and facilitator
- State planning/partnering (PPA/PPG) – Virginia (2008-2009)
- Environmental Management System Regional Team
- Regional priority and project planning
- Annual commitment system (ACS), bidding process, annual planning and review process

Life Scientist, Environmental Protection Agency, 901 N. 5th St; Kansas City, KS 66101 (01/08-05/08)

Environmental Services Division/Immediate Office of the Division Director

GS-12

Salary: \$67,493

Supervisor: Karen Flournoy

- Lead – Homeland Security Response Capability Enhancement Group. Represented Region 7 in all National groups related to homeland security research, policies and regulations.
 - Liaison to National Homeland Security Research Center (NHSRC), Homeland Security Laboratory Response Work Group (HSLRWG), State Laboratories and various National groups.
 - Standard Analytical Methods (SAM 1.0 through 3.1) – National Development Team Member
 - Project Manager – Managed a team of chemists and contractors to develop the Standard Analytical Protocol (SAP) for metal/loid compounds of concern by ICP validation study in collaboration with NHSRC/RCE and in support of Homeland Security Presidential Directive (HSPD) 9. Activities included:
 - Development of project plans and/or schedules to appropriately outline milestones and completion dates.
 - Development of statements of work and management of daily activities of contractor support as contracting officer representative (COR)
 - Reviewed and evaluated project/contractor work scope, performance, funding and cost-effectiveness.
 - Prepared QAPPs and health and safety (H&S) Standard Operating Procedures (SOPs)
 - Participated in the development of environmental policies and regulations concerning Homeland Security research, sampling & field instrumentation, and analytical methodology.
 - Environmental Response Laboratory Network (ERLN) – National planning and integration team
 - Coordination of Drinking Water Lab. Response Plan – Developed and coordinated implementation of the plan with State laboratories and federal counterparts
 - Laboratory Strategic Planning – Inorganics Section Physical and Operational Implementation Plan development. Developed plan with budget analysis for ultra clean/low concentration metal analysis laboratory.
 - Member of Water Emergency Response Team (WERT) –Developed and completed supporting documentation for sampling kits and sampling kits.
 - Assessment and preparation of screening facilities and equipment for sample receipt
- Data management/transfer enhancement team
- ENSV COOP Coordinator
- Assisted in preparation and maintenance of R7 Emergency Response Screening Tables

Life Scientist, Environmental Protection Agency, 901 N. 5th St; Kansas City, KS 66101 (09/06-01/08)

Environmental Services Division/Immediate Office of the Division Director (Detail)

GS-12

Salary: \$67,493

Supervisor: Cheryl Crisler

- Lead – Homeland Security Response Capability Enhancement Group. Represented Region 7 in all National groups related to homeland security research, policies and regulations.
 - Liaison to National Homeland Security Research Center (NHSRC), Homeland Security Laboratory Response Work Group (HSLRWG), State Laboratories and various National groups
 - Standard Analytical Methods (SAM 1.0 through 3.1) – National Development Team Member
 - Project Manager – Managed a team of chemists and contractors to develop the Standard Analytical Protocol (SAP) for metal/loid compounds of concern by ICP validation study in collaboration with NHSRC/RCE and in support of Homeland Security Presidential Directive (HSPD) 9. Activities included:
 - Development of project plans and/or schedules to appropriately outline milestones and completion dates.
 - Development of statements of work and management of daily activities of contractor support as contracting officer representative (COR)
 - Reviewed and evaluated project/contractor work scope, performance, funding and cost-effectiveness.
 - Prepared QAPPs and health and safety (H&S) SOPs
- Developed and coordinated the Drinking Water Lab Response Plan
- Prepared screening facilities and equipment for sample receipt
- Prepared WERT sampling kits

- Completed supporting documentation for Water Emergency Response Team (WERT) kits
- Completed ENSVs HS-Response Capability Enhancement Implementation Plan
- **NPDES Compliance/Enforcement Inspector** – Clean Water Act (Wastewater Facilities, Industrial Facilities, Stormwater) and multimedia (RCRA, Oil, CAA) assessments.
 - Prepared reports, produced notices of violations, participated in the determination of fines, and responded to public complaints for environmental concerns.
 - Performed compliance evaluation inspections (CEIs), compliance sampling inspections (CSIs), investigations, case development in coordination with the Enforcement Office and Regional Counsel, and compliance assistance.
 - Sectors include: domestic wastewater (wastewater treatment plants and lagoon systems), industrial (e.g. food, ethanol, electroplating), stormwater (both industrial and construction).
- Data management/transfer enhancement team
- ENSV COOP Coordinator

Life Scientist, Environmental Protection Agency, 901 N. 5th St; Kansas City, KS 66101 (07/06-09/06)

Environmental Services Division/Immediate Office of the Division Director (Detail)

GS-11

Salary: \$51,972

Supervisor: Cheryl Crisler

- Homeland Security liaison/coordinator for special projects/research to the Division
- Drinking water security – Support to HQ (ORD/NHSRC/TCAD) in EPA's Contamination Warning System-Consumer Complaint Systems
 - **NPDES Compliance/Enforcement Inspector** – Clean Water Act (Wastewater Facilities, Industrial Facilities, Stormwater) and multimedia (RCRA, Oil, CAA) assessments. Prepared reports, produced notices of violations, participated in the determination of fines, and responded to public complaints for environmental concerns.
 - Performed compliance evaluation inspections (CEIs), compliance sampling inspections (CSIs), investigations, case development in coordination with the Enforcement Office and Regional Counsel, and compliance assistance.
 - Sectors include: domestic wastewater (wastewater treatment plants and lagoon systems), industrial (e.g. food, ethanol, electroplating), stormwater (both industrial and construction).

Life Scientist, Environmental Protection Agency, 901 N. 5th St; Kansas City, KS 66101 (05/06-07/06)

Environmental Services Division/Environmental Monitoring and Water Compliance Branch

GS-11

Salary: \$51,972

Supervisor: John Houlihan

- **NPDES Compliance/Enforcement Inspector** – Clean Water Act (Wastewater Facilities, Industrial Facilities, Stormwater) and multimedia (RCRA, Oil, CAA) assessments.
 - Prepared reports, produced notices of violations, participated in the determination of fines, and responded to public complaints for environmental concerns.
 - Performed compliance evaluation inspections (CEIs), compliance sampling inspections (CSIs), investigations, case development in coordination with the Enforcement Office and Regional Counsel, and compliance assistance.
 - Sectors include: domestic wastewater (wastewater treatment plants and lagoon systems), industrial (e.g. food, ethanol, electroplating), stormwater (both industrial and construction).
- Drinking Water security – Support to HQ (ORD/NHSRC/TCAD) in WaterSentinel Program-Consumer Complaint Systems
- EIP Program

Life Scientist, Environmental Protection Agency, 901 N. 5th St; Kansas City, KS 66101 (01/06-05/06)

Water, Wetlands, and Pesticides Division/Drinking Water Management Branch (Detail)

GS-11

Salary: \$51,972

Supervisor: Mary Mindrup

- **Drinking water security** – Support to HQ (ORD/NHSRC/TCAD) in WaterSentinel Program-Consumer Complaint Systems
- Standard Monitoring Framework for Region 7 Tribal Community Water Systems

Life Scientist, Environmental Protection Agency, 901 N. 5th St; Kansas City, KS 66101 (09/05-01/06)
Environmental Services Division/Environmental Monitoring and Water Compliance Branch
GS-11 Salary: \$50,831

Supervisor: John Houlihan

- NPDES Compliance Inspector (Wastewater Facilities, Industrial Facilities, Stormwater)
- Drinking Water security – Support to HQ (ORD/NHSRC/TCAD) in WaterSentinel Program-Consumer Complaint Surveillance Systems
- EIP Program
 - EIP Mid-Cycle Conference and Training – Organization Committee

Life Scientist, Environmental Protection Agency, 26 W. Martin Luther King Dr; Cincinnati, OH 45268
(06/05-09/05)
Office of Research and Development/National Homeland Security Research Center/Threat and Consequence Assessment Division
GS-9 Salary: \$42,011

Supervisor: Cindy Sonich-Mullin

- WaterSentinel Program – Integration of Water Utilities Consumer Complaints Management Systems to the WaterSentinel Model
- Consumer Complaints Management Systems Audits

Life Scientist, Environmental Protection Agency, 901 N. 5th St; Kansas City, KS 66101 (09/04-06/05)
Environmental Services Division/Environmental Monitoring and Water Compliance Branch
GS-9 Salary: \$42,011

Supervisor: John Houlihan

- FIFRA Inspection – Assistance to native Spanish speakers' pesticide applicators and health and safety violations investigation.
- NPDES Compliance Inspector (wastewater facilities, industrial facilities, stormwater)
- Selected to participate in ORD's Regional Research Partnership Program
- EPA Intern Program (EIP) – Class 7

Environmental Scientist, CSA Group, Inc., Badajoz St. 305; San Juan, PR 00923 (04/03-08/04)
40 hours/week Salary: \$29,300

Supervisor: Ruben Rivera, MSc.

Tel. 787-467-4504

- Field Manager-Receiving Water Sampling Leader (Ocean Monitoring) – 301(h) compliance projects
- Logistics and planning lead for environmental and field operations
- Part of interdisciplinary group working in 301(h) waiver studies in Puerto Rico
- Computer aided data analysis and generation of compliance reports

Environmental Microbiology Laboratory Technician, University of Puerto Rico; Mayagüez, PR 00680
(08/02-04/03)

40 hours/week Salary: \$15,000

Supervisor: Arturo Massol, PhD.

Tel. 787-505-6876

- Prepared experimental protocols and detailed procedures (SOPs) for metal concentration analysis by atomic absorption
- Responsible for: laboratory equipment and organization, material selection, and ordering
- Hazardous waste and chemical handling
- Supervised undergraduate students in molecular microbial ecology projects
- Conducted research in bioremediation (bioreactors), phytoremediation of toxic metals, and molecular biology approaches for microbial communities' studies.

Teaching Assistant, University of Idaho; Moscow, ID 83844 (08/01-05/02)

30 hours/week Salary: \$15,000

Supervisor: Consetta Helmick, PhD.

Tel. 208-885-7477

- Taught and supervised biology laboratory course (BIO 100L) for two semesters with perfect attendance
- Supervised two groups of 30 students, promoting group work
- Prepared solutions, media and other materials needed for the scheduled activities

Research for doctoral dissertation, University of Idaho; Moscow, ID 83844 (08/01-05/02)

Supervisor: Eva Top, PhD. Tel. 208-885-5015

- Isolation and characterization of bacteria with specific catabolic genes for the degradation of 4-CB and 3-CB from pristine arctic permafrost soils

Undergraduate research, University of Puerto Rico; Mayagüez, PR 00680 (01/01-05/01)

Supervisor: Arturo Massol, PhD. Tel. 787-265-5425

- Isolation and characterization of denitrifying diesel degrading bacteria

Copper leaching into rivers of Bosque del Pueblo, Adjuntas, PR; Mayagüez, PR 00680 (09/00-03/01)

Supervisor: Arturo Massol, PhD. Tel. 787-265-5425

- Isolation of sulfide oxidizing bacteria, which are responsible for copper leaching from mineral deposits

Undergraduate research, Michigan State University; East Lansing, MI 48824 (06/00-08/00)

Supervisor: Clayton Rugh, PhD. Tel. 517-432-6159

- Evaluation of various plant species for the phytoremediation of PCBs and PAHs contaminated soils
- Set-up of laboratory and installation of equipment

Undergraduate research, University of Puerto Rico; Mayagüez, PR 00681 (01/98-05/00)

Supervisor: Arturo Massol, PhD. Tel. 787-265-5425

- Gained experience in general microbiology procedures, aseptic techniques, sample handling, and analysis
- Worked in the bioremediation of diesel polluted soil and groundwater using a novel anaerobic/aerobic process
- Formulation of an environmentally safe lipid degrading bacterial solution

PROFESSIONAL PRESENTATIONS AND TRAINING FACILITATION

- FEB Devolution Workshop – Expert panel (01/2018)
- Liberty Down 18 Continuity Exercise – Planning for functional devolution exercise (09/2017-present)
- COOP ERG Chesapeake Bay Program TTX – Facilitator (01/2018)
- Liberty Down 17 Continuity Exercise – Planning and facilitation of exercise (03/2017)
- Looming Threat 16 COOP Devolution TTX – Lead planner and facilitator (06/2016)
- E551 Devolution Planning Workshop – Instructor (12/2015)
- COOP Emergency Relocation Group Training – Lead Trainer (03/2013)
- ICS 300 / 400 – Provided training to EPA Region 3 personnel (12/2011)
- Beyond Translation Initiative – Forum Planning and Facilitation (2010-2014)
- Beyond Translation Initiative – EPA Region 3. Enid Chiu and Norman Rodriguez. Poster Exhibit. EPA Community Involvement Conference, Arlington, VA (07/2011)
- *Potential effects of natural gas drilling: A case study of the Marcellus Shale*. Amy Bergdale, Norman Rodriguez, Kate Schofield, Amina Pollard, Laurie Alexander. Poster exhibit NABS and ASLO Conferences. (06/2010)
- ICS 300 / 400 – Provided training to State of Pennsylvania emergency response personnel (01/2010)
- ICS 300 / 400 – Provided training to EPA Region 3 personnel (06/2009)
- *Standard Analytical Protocol (SAP) for Metal Based Compounds Using Inductively Coupled Plasma Methods – Validation Approach*. N.J. Rodriguez. NHSRC/Response Capability Enhancement Team Meeting – Lab. Support. Las Vegas, NV. Oral Presentation (2007)
- *Public Health Surveillance and Consumer Complaint Surveillance: A WaterSentinel Perspective*. N.J. Rodriguez, K. Clayton. NHSRC Customer Outreach Session with Region 7. Kansas City, KS. Oral Presentation (2006)
- *Bioremediation of Diesel Polluted Soil and Groundwater Under Denitrifying Conditions*. N.J. Rodriguez, C. Rodríguez, E. Díaz, R. Álvarez, and A. Massol-Deyá. Seventh International In Situ and On-Site Bioremediation Symposium. Orlando, FL. Poster Presentation (2003)
- *Selective Bioaugmentation of Diesel Contaminated Soil and Groundwater*. I. Nieves, N.J. Rodriguez, R. Álvarez, and A. Massol-Deyá. Seventh International In Situ and On-Site Bioremediation Symposium. Orlando, FL. Poster Presentation (2003)
- *Bioremediation of Diesel Fuel Polluted Groundwater through Denitrification*. N.J. Rodriguez, E. Díaz, R.

Álvarez, and A. Massol-Deyá. National Conference on Undergraduate Research. Lexington, KY. Oral Presentation (2001)

- *Bioremediation of Diesel Polluted Groundwater through Denitrification*. N.J. Rodríguez, E. Díaz, R. Álvarez, and A. Massol-Deyá. National Minority Research Symposium. Washington D.C. Poster Presentation (2000)

PROFESSIONAL PUBLICATIONS

Bioremediation of Diesel Polluted Soil and Groundwater Under Denitrifying Conditions. N.J. Rodríguez, C. Rodríguez, E. Díaz, R. Álvarez, and A. Massol-Deyá. **Proceedings of the Seventh Annual International In Situ and On-Site Bioremediation Symposium**. Orlando, Florida. June 2-5, 2003.

Selective Bioaugmentation of Diesel Contaminated Soil and Groundwater. I. Nieves, N.J. Rodríguez, R. Álvarez, and A. Massol-Deyá. **Proceedings of the Seventh Annual International In Situ and On-Site Bioremediation Symposium**. Orlando, Florida. June 2-5, 2003.

SKILLS

- **Program Management:** More than ten years' experience in program management and leading change, and management of complex operations.
- **Communications and interpersonal skills:** Certified trainer/facilitator and risk communicator. More than ten years of experience leading teams, providing training, planning and logistics of complex events, both professional and personal, through involvement with non-profit organizations and fitness training/coaching.
- **Field techniques:** Physical-chemical parameters, CTD and Hydrolab multiprobe analyses (deep sea), deep sea sediment sampling, ISCO composite sampling, wastewater sampling, drinking water sampling, drinking water facilities assessments, stormwater assessments, air sampling, soil core sampling, ecological assessments, compounds of concern sampling.
- **Laboratory techniques:** Excellent aseptic techniques, autoclave sterilization, physical-chemical parameters monitoring. Culture media preparation, environmental sample collection, granulation techniques, bacterial culturing and enumeration. Nutrient analysis by HACH, Total Petroleum Hydrocarbons (TPH), Tandem Mass Spectrometry, Atomic Absorption, **Portable GC/MS**.
- **Molecular biology laboratory techniques:** Nucleic acid purification, PCR, repPCR, agarose gel electrophoresis.
- **Computer experience:** MS Office, Adobe Photoshop, MS Project, database management, web research.
- **Fully bilingual** (Spanish / English), excellent oral and written communication. Native Spanish speaker.

CERTIFICATIONS, TRAINING, AND EXERCISES

- COOP ERG Chesapeake Bay Program TTX – Facilitator (01/2018)
- Liberty Down 17 – Planner/Controller (04/17)
- Introduction to Supervision – Graduate School USA (12/2016)
- First Aid CPR/AED (07/2016)
- FEMA Cybersecurity Workshop (08/2016)
- First Aid/AED Certified (07/2016)
- Looming Threat 16 - Lead Planner/Controller (06/16)
- Liberty Down 16 – Planner/Controller (05/16)
- E551 Devolution Planning Workshop – Instructor (12/2015)
- Liberty Down 15 – Planner/Controller (06/15)
- Ghost Town 15 – Lead Planner/Controller (06/15)
- Lean Six Sigma – Green Belt training (11/14)
- Appalachian Drought Full-Scale Response Exercise, West Virginia – Controller (10/14)
- Vigilant Guard 14 – COOP Planning / Controller (05/2014)
- Superfund 101 (01/2014)

- FEMA Continuity Exercise Design Course (09/2013)
- FEB Liberty Down 13 TTX – GSA Senior Controller (08/2013)
- Regions’ 3, 4, and 5 COOP Modified Devolution Exercise 2013 – Lead Planner/Master Controller (05/2013)
- COOP Emergency Relocation Group Training – Lead Trainer (03/2013)
- Presidential Inauguration IMT – Deputy Logistics Section Chief, planning phase (01/2013)
- ESC COOP 12 – Lead Planner/Master Controller (12/2012)
- FEMA Reconstitution Planning Workshop (11/2012)
- FEB Liberty Down 12 TTX – Facilitator/controller (08/2012)
- FPS Personal Safety and Active Shooter Training (07/2012)
- COOP/ER 12 – Lead Planner/Master Controller (05/2012)
- E551 Devolution Planning Workshop TtT (02/2012)
- Charm Challenge ’11 COOP Table Top Exercise - Lead Planner (09/2011)
- Eagle Horizon ’11 COOP Exercise – Facilitator (06/2011)
- Liberty Down ’11 COOP Functional Exercise - Lead Planner (04/2011)
- Resilient Accord - Cyber-Security Workshop (12/2010)
- Top Secret Clearance (held from 2011-2017)
- Professional Continuity Practitioner Certification (07/2010)
- E548 COOP Managers TtT Course (06/2010)
- Liberty RadEx Tier II National Exercise – Finance Section planner and controller (04/2010)
- EPA 450 – ICS Logistics Section Chief (08/09)
- Liberty Down 2009 COOP exercise (05/09)
- ICS 300, 400 TtT – Certified instructor (04/09)
- HSEEP TtT (03/09)
- NIMS 700, 800 (03/09)
- Building Design for Homeland Security for COOP TtT (02/09)
- E550 COOP Planners Workshop TtT (11/08)
- Creating a Performance Culture – FEB Workshop (09/08)
- Risk Communication (03/08)
- Critical Dialogue (09/07)
- Collaboration and Partnerships Training (08/07)
- ICS-100, 200, 300, 400 (07/07)
- Sanitary Survey Training (07/07)
- Getting Work Done Through Projects (06/07)
- Getting Work Done Through Change (05/07)
- Basic Radiation Safety (03/07)
- Risk and Crisis Communication – Message Mapping (02/07)
- Biothreats Response (02/07)
- Emerging Response Tools for Chemical and Biological Agents (02/07)
- Field and Laboratory Quality Control (01/07)
- Emergency Response to Threats of Intentional Contamination of Public Water Supplies (12/06)
- Data Quality Assessment (11/06)
- Systematic Planning and Quality Assurance Project Plans (11/06)
- Contract Officer Representative (10/06)
- Environmental Management Systems (10/06)
- NPDES Advanced Technical Training (02/06)
- Community Involvement training (02/06)
- Technical Writing (02/06)
- Project Officer for Grants and Cooperative Agreements (12/05)
- Intensive Course in Biosurveillance (08/05)
- HAZWOPER (29 CFR 1910.120) (08/05)
- Basic Inspector training (06/05)
- Facilitation training (05/05)
- Project Management/Microsoft Project (04/05)
- Media Skills training (02/05)

- Team Skills and Emotional Intelligence training (02/05)

AWARDS AND RECOGNITIONS

- Region 3 Bronze Medal – National Disaster Recovery Framework (2016)
- EPA Administrator High Five for High Performing Organization - Onboarding Lean Project, Optimizing Business Processes and Practices (2015)
- Region 3 Bronze Medal – WDDI initial development and startup (2014)
- Region 3 Superior Accomplishment Recognition Award (2008-2017)
- Region 3 Equal Employment Opportunity Award (2010)
- Region 7 Bronze Medal – Scientific Achievement Award (2009)
- Region 7 Superior Accomplishment Recognition Award – PARS outstanding rating (2008)
- Region 7 Superior Accomplishment Recognition Award – Coordination of Homeland Security Response Capability Enhancement Group (2008)
- Successful completion of EPA Intern Program (EIP)
- Region 7 Equal Employment Opportunity Award – Recruitment (2006)
- Region 7 Team Award – Stormwater Inspection Team (2005)
- CSA Group Team Spirit Award (2004)
- HHMI-RETO Scholar, LS-AMP Scholar

MEMBERSHIPS

- EPA Region 3 Employee Association Board, American Society for Microbiology, American Chemical Society, Caribbean Society for Biotechnology, Executive Committee – Friends of Children Crisis Treatment Center of Philadelphia (CCTC), CCTC Run for the Kids Team (Coach), Casa Pueblo Community Based Organization, American Trail Runners Association.