

Raymond F. Wronkiewicz

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## Education

### **Highest Education Level: Master of Science**

- Governors State University, University Park, Illinois
  - 42 Sem. hrs. graduate Environmental Biology
- Aurora University, Aurora, Illinois
  - MS Management Information Systems
- University of Ibadan, Ibadan, Nigeria
  - 2 years education in the School of Veterinary Medicine and Animal Science
- Aurora University, Aurora, Illinois
  - BA Biology, Concentrations: Conservation/A&P, Minor in Chemistry

## Papers

- *A Temperature Gradient Apparatus for Investigating the Effects of Gradients of Constant and Continuously Changing Alternating Temperatures on Seed Germination.* P. Gunther; and R. Wronkiewicz. Governors State University. Illinois State Academy of Science 07 Annual Meeting, April 21, 2007

## Professional Overview

- **Managed and supervised analytical laboratories and field operations:**
  - Up to 32-member laboratories with a \$1.4 million operation budget and signing authority up to \$1,000.
  - I was listed on IEMA site licenses as a User of Radioactive Material
  - Certified Quality Manager/Organizational Excellence, Issued 2/2013, ASQ Credential ID 16430
  - Certified Auditor, Issued 6/2012 ASQ Credential ID [REDACTED]
  - Record and documentation control in regulated environments.
  - FIFO control of chemical receipts.
- **Certified Prescribed Burn Manager**, Illinois Department of Natural Resources, Issued Apr 2023, Credential ID [REDACTED] **Certified Brush Pile Burn Boss**, Chicago Wilderness Alliance, Issued May 2020
  - Certified S-190/S-130 Wildfire Firefighting, Issued Jun 1997.
  - S-290 Intermediate Wildland Fire Behavior, et al.

- **NPS Operational Leadership Trail Safe program**, Issued Jun 2010.
  - Human factors risk mitigation through the implement a safety-first mindset and apply all established health, safety, security, and environment (HSSE) standards during all office and field operations.
- **Licensed Commercial Pesticide Operator**, Illinois Department of Agriculture, Issued Jan 2021, Credential ID [REDACTED]
  - Trained and experience with Integrated Pest Management programs.
  - Trained and experience with Chemical Hygiene Plans (CHP) OSHA 29 CFR 1910.1450 Occupational Exposure to Hazardous Chemicals in Laboratories standard.
- **Natural areas field crew leader**: Carry-out tasks related to invasive and aggressive species identification and control (herbaciding, cutting/mowing and brush/tree removal), native seed collection, native seeding/planting and prescribed burning.
  - Equipment and tool operations, including the use of tractor mowers/skid loaders with various attachments, light and heavy-duty trucks and trailers, DR Brush mowers, chainsaws/brush saws, herbicide sprayers and ATVs / UTVs.
  - Equipment and tool general maintenance.
  - Effectively communicate workplans to department leaders and field assignments to staff.
  - Train and mentor park district restoration staff to develop skills while conducting field tasks such as plant identification, invasive species control methods, ecological restoration techniques, and natural area assessments.
  - Perform field quality control and help innovate field operations to meet high standards for safety, compliance, and quality.
- **Liaison for Federal, State and County conservation agencies**.
  - Identified a Federal/State listed endangered plant growing on FVPD property and coordinate the FVPD's ongoing roll with USF&W national recovery efforts.
  - Identified state and county listed rare plants on FVPD property and coordinate the district's roll in local recovery efforts.
- **Liaison for area college resources**.
  - Recruit local college faculty resources in the FVPD's roll in Federal recovery efforts for a Federal/State listed endangered plant growing on FVPD property.

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- o Recruit local college students for part time/intern positions with the FVPD for Natural Areas restoration efforts.
- **Environmental Research Technician:** Professional hands-on experience with biological, chemical and physical analysis of Midwestern land and water sites.
  - o Familiar with wildlife population censuses (Petersen, Schnabel, Jolly-Seber, Michigan Deer Pellet, Home Range, Quadrat, Line Transect, etc.), and issues of habitat fragmentation and wildlife population survival.
  - o Familiar with seed banks and invasive species.
  - o Developed, modified and validated analytical/survey procedures.
  - o Experienced reading soil survey maps, historical records and other documentation to determine pre-settlement wildlife habitats.
  - o Developed workplans, and issue work requests for effective delivery of ecosystem research projects.
- **Supported members on regional planning commissions:**
  - o Conduct ecological site assessments and assist project managers and environmental scientists to develop site planning documents, proposals, cost estimates, and project-specific safety plans.
- **College level teaching experience in Environmental Biology.**

**Experience:**

**Natural Areas Technician:** 6/2020 to Present (Part Time), Horticulture/Greenhouse, Fox Valley Park District, Aurora, Illinois.

**Campus Supervisor:** 12/2019 to 8/2020 (Seasonal), Naperville North High School, Naperville Community Unit School District 203, Naperville, IL.

**Quality Manager:** 8/2015 to 11/2019 (retired). Quality Control Department, CCL Healthcare, Batavia, Illinois.

**Senior Field Corrective Actions Associate:** 10/07 to 6/2015, Corporate Quality/Global Field Surveillance/ Field Corrective Actions, Baxter Healthcare, Round Lake, Illinois.

**Quality Engineer/Quality Assurance Supervisor:** 12/05 to 10/07, QA Department, Bard Brachytherapy, Inc., C.R. Bard, Carol Stream, Illinois.

**Laboratory Supervisor, et.al:** 7/93 to 9/05, GE Healthcare (DBA Amersham Healthcare & Med+Phisics Inc.), Arlington Heights, Illinois.

**Adjunct Instructor, Environmental Biology:** 1/00 to 12/02, Division of Health and Life Sciences, Waubonsee Community College, Sugar Grove, Illinois.

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**Analytical Chemist:** 3/92 to 7/93, Technical Operations Department, Alberto-Culver Company, Melrose Park, Illinois.

**Environmental Chemist:** 1/91 to 3/92 (contracted), Lab Support, Inc., Chicago, Illinois.

**Manager, Analytical Chemistry Laboratory:** 3/88 to 9/90, QC Department, Fujisawa Pharmaceuticals /LyphoMed Inc., Melrose Park, Illinois.

**Supervisor, Quality Control Laboratory:** 1/87 to 3/88, QC Department, Cloud Corporation /Proctor and Gamble, Inc., Des Plaines, Illinois.

**Analytical Chemistry Technician:** 3/82 to 1/87, Chemical Development, The NutraSweet Co., G.D. Searle, Inc., University Park, Illinois.

**Environmental Research Technician:** 6/79 to 3/82, Environmental Research Division, Geophysical Sciences, Texas Instruments, Inc., West Chicago, Illinois.

**Assistant to the Chief of Intergovernmental Affairs/Administrative Intern:** 1/77 to 8/77, Planning Department, City of Bellevue, Bellevue, Washington

**Administrative Intern:** 2/76 to 1/77, Parks Department, City of Mercer Island, Mercer Island, Washington.

### **References**

Available on request