

CATHY A. RICHMOND

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Cell: (919)608-2838

PROJECT ASSIGNMENT

Environmental Scientist

YEARS OF APPLICABLE EXPERIENCE

11 Years

EDUCATIONAL BACKGROUND

- | | |
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| 1970 | B.S., Health & Physical Education
Kent State University, Kent, Ohio |
| 2004 | Harvard University School of Public Health, <i>Fungal Spore Identification</i>
Boston, Massachusetts |
| 2005 | Emory University, Rollins School of Public Health, <i>Medical Mycology:
Laboratory Identification of Pathogenic Molds</i>
Atlanta, Georgia |

SUMMARY OF PROFESSIONAL CERTIFICATIONS AND AFFILIATIONS

- 1991, Emergency Medical Technician Certification, Community College of Allegheny County, Pittsburgh, Pennsylvania
- Member-Pan-American Aerobiology Association

PROFESSIONAL EXPERIENCE

2007 to present **President, LRC Indoor Testing & Research, Inc.
Environmental Consultant**

Duties and responsibilities: Conduct environmental surveys, perform field and laboratory assessments. Responsible for client need assessments, cost proposals, performing and reporting investigations, client billing. Conduct analysis of spore trap air samples and other direct analysis.

2007 to present

**Duke University Medical Center, Division of Infectious Diseases
Laboratory Analyst**

Duties and responsibilities: Analyze non-viable air samples for fungal contaminants.

2003 to 2007

**Restoration Sciences, LLC
Environmental Scientist**

Duties and responsibilities: Analyze samples for Environmental Microbiology Performance Analytical Testing Program (EMPAT). Analyze bioaerosols and other environmental samples for fungal contaminants. Conduct analysis of non-viable and viable air and surface samples. Conduct assays for fungi and bacteria. Conduct laboratory maintenance, inventory of supplies, and tracking (including follow up with clients regarding samples). Prepares and maintains reagents for use in the analysis of non-viable samples.

Conducts Indoor Air Quality investigations, prepares reports and conducts research. Direct involvement in research project for a cleaning product that involved the collection of samples pre and post remediation, sample preparation and analysis, assist in the research and preparation of data.

2002 to 2003

**Applied Environmental, Incorporated
Health Research Services Division
Environmental Health Technician**

Duties and responsibilities: Assists with data management and reporting for the Environmental Microbiology Performance Analytical Testing Program (EMPAT), a novel environmental microbiology laboratory proficiency and accreditation program, for the American Industrial Hygiene Association (AIHA). Direct involvement on research study investigating the relationship between antibiotic and antibacterial resistance in human skin bacteria isolated from individuals in the home environment, relative to frequent use of topical antibacterial bath soaps and body washing products. Involves participant recruitment and enrollment, home visits collecting skin bacteria samples, sample processing and antibiotic and antibacterial resistance testing of bacterial isolates, data organization, analysis, and management. Provides assistance with indoor environment investigations and analyzes bioaerosols and other environmental samples (water, dust, etc.) for bacterial and fungal contaminants.

2001 to 2003

**Aerobiology Laboratory Associates, Incorporated
Laboratory Analyst**

Duties and responsibilities: Performs indoor air quality surveys and analysis of biocontaminant samples: water, air, dust, and bulk. Analyze bioaerosols and other

environmental samples for fungal contaminants. Assists with the analysis of non-viable spore trap samples and other directs. Conducts assays for fungi and bacteria. Assists with laboratory maintenance, inventory of supplies, and sample tracking (including follow up with clients regarding sample receiving problems). Prepares and maintains reagents for use in the analysis of non-viable samples. Assists in preparation of reports, literature searches, and annotated bibliographies.

1998 to 2002 **Wake County School System**
Teacher

1991 to 1994 **McCandless Franklin Park Ambulance Authority**
EMT, CPR Instructor, 911 Dispatcher

CONTINUING EDUCATION

Preventing Improper Environmental Laboratory Practices, Advanced Systems, Inc., Consolidated Laboratory Services, Richmond, Virginia, May 2007.

Intermediate Fungal Identification, Natural Link Mold Laboratory, Sparks, Nevada, Dr. Sean Abbott, April 2005.

Mold Infestation Conference, American Society of Professional Education, January 2003.

Microbial Remediation: Design and Abatement. Medical University of South Carolina, College of Health Professions Program in Environmental Health Sciences, October 2002.

The Construction Industry's Newest Nightmare: How Mold, Mildew and Other Environmental Issues Can Destroy Your Bottom Line, Safran Law Offices, June 2002