



Curriculum Vitae

William H. Spates III
Florida Licenses CRC1330224, MRSA1506

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Introduction

With over 35 years experience in the operation, maintenance, testing and design of environmental systems, Mr. Spates is well qualified for the investigation of building-related environmental issues. He has conducted thousands of commercial and residential inspections, has consulted with clients on construction and remodeling strategies to create healthy homes and offices, and currently teaches indoor environmental testing techniques and microbial building remediation to restoration contractors, public health officials and other professionals throughout the country. His firm offers environmental consulting and testing services for indoor environments as well as seminars on building-related environmental health issues through his business, Indoor Environmental Technologies, Inc.

Education

Intermediate Fungal Spore Identification 2003

Aerobiology Instruction and Research Harvard School of Public Health

Microscopic Identification of Non-Biological Particles 2000

McCrone Research Institute, PAAA

Mycology of the Air, Pan American Aerobiology Association 1999

Arizona State University

Course Work -- Scanning Electron Microscopy, Microbiology 1998

Doctorate level class, University of South Florida, Bayborough Campus

Identification of Environmental Fungi, Aerobiology 1997

New York State University, Syracuse, New York

Course Work -- Biological Sciences, Microbiology 1995

St. Petersburg College, Clearwater Campus

Identification of Bioaerosols, Miles Laboratories Aerobiology 1994

Western Oregon State College

Course Work -- Electrical Engineering & Chemistry 1969-1970

University of Oklahoma

Professional Background

President, Indoor Environmental Technologies, Inc. 1992 to Present

Environmental Inspections specializing in mitigation plans relating to problems in the areas of air quality, microbial, moisture control, building science, building envelope failure, chemical and pesticide exposure risk evaluations and electromagnetic field interference controls.

Director of the Department of Environmental Inspections, International Institute for Building Biology and Ecology, 1994 to 2003

Instructor and consultant for seminars in building biology, building science, electromagnetic field testing, and the investigation of building-related environmental health conditions.

Instructor for Restoration Consultants, Sacramento California, 2000 to 2004

Teaches IICRC and IAQA certification courses for water damage and environmental microbial restoration throughout the country. Focus on effective remediation and pollutant control to prevent cross contamination and create a safe work environment.

Instructor for Contractor's Institute, Hudson Florida, 2003 to present

Teaches certification courses for water damage and environmental microbial restoration within Florida. Focus on indoor environmental awareness during construction, construction detail awareness related to building envelope integrity and effective remediation and pollutant control during repairs.

Contributor, IICRCS500-99 & S520 2003 *Standard and Reference Guides for Professional Water and Mold Damage Restoration*, Institute of Inspection, Cleaning and Restoration Certification (www.iicrc.org)

Biological Contamination of Indoor Environments Seminar 1995

Mid-Atlantic Environmental Resource Center with the EPA and US Public Health Service, FEOH Region III

How Buildings Work / Understanding Moisture Control in Buildings CMHC 2001**Hot and Humid Indoor Environments Conference 2002**

National Institute of Building Sciences, American Industrial Hygiene Association, Building Owners and Managers Association

Water Damage Remediation of Indoor Environments 2000

The Water Loss Institute and the Association of Specialists in Cleaning and Restoration (ASCR)

Aerobiology and Electro-Biology Seminars 1994

Baubiologie Maes und Partner, Nuess and Munich, Germany

Tenth Annual Westford Symposium on Building Science 2006

Building Science Corporation

Current Certifications

Licensed Florida Residential Building Contractor CRC 1330224

Licensed Florida Mold Assessor MRSA 1506

Certified Indoor Air Quality Professional (CIAQP) AEE

Certified Indoor Environmental Consultant (CIEC) ACAC

Residential Indoor Air Quality Certification 1994 NEHA

Certified Bau-Biologie Environmental Inspector (BBEI) 1993

Building Biology Environmental Consultant (BBEC) Institute for Bau-Biologie and Ecology (IBE)

Applied Microbial Remediation Technician (AMRT) IICRC

Merchant Marine Officer, Retired

Professional Associations

Member, The International Facility Managers Association (IFMA)

Member The Association of Energy Engineers (AEE)

Member, Pan American Aerobiology Association (PAAA)

Member, American Industrial Hygiene Association (AIHA)

Member, National Environmental Health Association (NEHA)

Member, National Electromagnetic Field Testers Association (NEFTA)

Member, Indoor Air Quality Association (IAQA)

Member, American Conference of Governmental Industrial Hygienists (ACGIH)

Member, Institute for Cleaning and Restoration Certification (IICRC)

Member, Institute for Bau-Biologie and Ecology (IBE)

Affiliate Member, American Society of Home Inspectors (ASHI)

Articles & Papers

- **Do You Qualify To Be An Expert Witness:** IE Connections 11-2009
- **Evolution of Chinese Drywall Inspections and Findings Based on Laboratory Data and FDOH Guidelines and the Need to Incorporate New and Productive Inspection Techniques:** Tampa Symposium on Corrosive Drywall 11-2009
- **IESO Need for Standard Operating Procedures for Infra-red Inspections of Water-damaged Buildings:** IE Connections 3-2009
- **Rapidly Renewable Materials and Their Durability in Construction:** IE Connections 2-2009
- **High Volume Air Exchange for Mold Remediation:** IE Connections 8-2008
- **Cold Attic Syndrome and Moisture Problems in Energy Efficient Homes:** IE Connections 2-2008