

DAVID J COWAN
CURRICULUM VITAE

Education	BS, Civil Engineering , Florida Atlantic University, Boca Raton, Florida, Graduation 2014 AS, Environmental Science , Palm Beach State College, Lake Worth, Florida, 2007
Certifications and Licensures	State of Florida Energy Rater State of Florida Mold Assessor LEED AP-2008 LEED for Homes Green Rater EPA Accredited Asbestos Inspector, Project Supervisor Sampling and Microscopic Evaluation of Airborne Asbestos Dust (NIOSH 582), AHERA Accredited Asbestos Inspector -2008
Current Professional Experience	Econeering LLC. 2010 to present Technical Director , Environmental Design / Consulting firm focused on, indoor air quality, environmental issues in buildings, forensic investigations, materials and systems evaluation, design and construction contracts, failure analysis of building systems and materials, energy analyses, solar design and life-cycle cost analyses. Providing mechanical evaluation services including specialized services in indoor air quality, humidity control and forensic analysis of HVAC systems. Specific services provided relate to indoor air, material or system failures, interior design, sustainable design and on-site analytical services.
Previous Experience	Morse Zehnter Associates 2007 to 2012 Project Manager , Performs environmental site assessments at industrial and commercial facilities including site visits, data evaluation and report generation. Directs project administrator abatement contractor supervision, coordinates collection and analysis of air, soil, water and building material samples. Provides consulting for indoor air quality studies, asbestos inspections, and mechanical ventilation assessments for residential, commercial, hospitals, and school facilities. Other services include: research work for corporate environmental issues, emergency response in catastrophic events, industrial hygiene studies. Building science and forensic investigations in structures for moisture intrusion. Remediation design, sampling, oversight, and monitoring.
Society Memberships	TBP (Engineering Honor Society) PTK (Associate Degree Honor Society) American Society of Civil Engineers Building Energy Assessment Professionals
Current & Past Appointments	Tau Beta Pi, Engineering Honor Society - Vice President, Florida Epsilon (2012-2013)

Publications

Cowan, David. Non-Peer Reviewed, Web Published, "A study of the location of CO2 generated sources and their effects on ambient CO2 levels around in schools in South Florida" 2007.http://www.palmbeachstate.edu/Documents/Environmental_Science/InternProj-DavidCowan.pdf