



organic think

consultation. education. photography.

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OBJECTIVE

As an experienced green builder, educator and biologist, my personal and professional goals support educational efforts for the betterment and proliferation of the sustainable building movement. I am seeking projects for our company that entail green building education, consultation, design and/or oversight.

EXPERIENCE

GREEN BUILDING CONSULTANT ORGANIC THINK INC

ORGANICTHINK.COM

ASHEVILLE, NC 2005-PRESENT

Green building consultant. Organic Think Inc specializes in conveying pragmatic green building approaches and solving challenging issues, as well editorial photography. Clients include the USGBC, Extreme Makeover: Home Edition, GreenBuildingAdvisor.com and the Clinton Climate Initiative.

GREEN BUILDER ECOBUILDERS

THEECOBUILDERS.COM

ASHEVILLE, NC 2000-2009

Licensed general contractor and co-owner. We focused on infill green renovation and new construction. 100% of EcoBuilders new construction projects were third party green and Energy Star certified. Three time Parade of Homes Award winner. Projects have been featured in Newsweek, New York Times, This Old House Magazine, Southern Living, Fine HomeBuilding, HGTVPro, and Extreme Makeover: Home Edition.

HIGH SCHOOL EDUCATOR TUSCOLA HIGH SCHOOL

WAYNESVILLE, NC 1996-2002

Taught science courses including AP Biology, and established AP Environmental Science program. Discovery, scientific method and experiential teaching styles dominated my classroom.

NATURE EDUCATION TOUR GUIDE ECOADVENTURE TOURS

ASHEVILLE, NC 1996-2002

Coordinated and led tours to locations such as the Everglades, the Florida Keys, Charleston, Savannah, and Asheville. Focused on experiential education, ecology, and environmental science.

ECOLOGY RESEARCH INSTRUCTOR UPWARD BOUND

CULLOWHEE, NC 1998-2001

Facilitated high school student research groups for residential summer program. Research focused on mountain ecology and salamander natural history.

EDUCATION & CREDENTIALS

UNIVERSITY OF NORTH CAROLINA AT ASHEVILLE BA BIOLOGY, EDUCATION MINOR, 1996

North Carolina Teaching Fellow. Classwork emphasis on vertebrate ecology and salamander natural history.

GREEN ASSOCIATE, LEED ACCREDITED PROFESSIONAL® HOMES AND LEED AP GREEN BUILDING CERTIFICATION INSTITUTE, 2009-PRESENT

A LEED credential provides employers, policymakers, and other stakeholders with assurances of an individual's current level of competence and is the mark of the most qualified, educated, and influential green building professionals in the marketplace (gbci.org).

LEED FOR HOMES INTERNATIONAL GREEN RATER AND LEED AP HOMES US GREEN BUILDING COUNCIL

Licensed and managed by the Education and Research Department of USGBC, LEED Faculty delivers all of USGBC's curriculum (usgbc.org).

LICENSED LEED® FACULTY™ US GREEN BUILDING COUNCIL 2009-2011

Licensed and managed by the Education and Research Department of USGBC, LEED Faculty delivers all of USGBC's curriculum (usgbc.org).

USGBC LEED ENERGY AND ATMOSPHERE TECHNICAL ADVISORY GROUP COMMITTEE MEMBER USGBC 2010-PRESENT

Participation in the group helping to create the next iteration of the LEED rating system Energy and Atmosphere section.

RESNET HERS (HOME ENERGY RATING SYSTEM) RATER, TRAINER AND QUALITY ASSURANCE DESIGNEE RESNET (RESIDENTIAL ENERGY SERVICES NETWORK), 2009-PRESENT

Trained and certified by an accredited Home Energy Rating Provider to inspect and evaluate a home's energy features, prepare a home energy rating and make recommendations for improvements that will save the homeowner energy and money (natresnet.org). QAD's perform Quality Assurance oversight of raters and HERS class trainers. 83% pass rate for HERS test.

RESNET TRAINING + EDUCATION COMMITTEE (RESIDENTIAL ENERGY SERVICES NETWORK), PRESENT

Member of the RESNET committee involved in issuing interpretations on Chapter Two of the national rating standards, maintenance of the national rater test, approval of all RESNET education programs, and maintenance of RESNET rater certification categories. Chairman of Subcommittee charged with the creation of an exam covering knowledge of Combustion Appliance testing and assessment and development of project Scope of Work. The exam includes computer modeled rater/testing simulation.

HVAC DESIGN AND TRAINING (USING ACCA MANUAL J, D, + S), PRESENT

Train in right sizing HVAC systems and appropriate distribution systems in residential heating and cooling. Proficient in the use of Elite Software's RHVAC and Drawing Board.

PROJECTS

HEAL ARKANSAS PROGRAM - A PROJECT OF THE WILLIAM J. CLINTON FOUNDATION CURRICULUM DEVELOPMENT, TRAINING, HERS TRAINING, QUALITY ASSURANCE SERVICES, DATA ANALYSIS, PRESENT

Development of a customized weatherization, energy efficiency and green building curriculum for a Clinton Foundation project funded by the Department of Energy. Trained the HEAL staff trainers for the Americorps and Vista volunteers. Specifically instructed them on teaching scopes of work, retrofit strategies, jobsite management and building science.

YOUTHBUILD USA CURRICULUM DEVELOPMENT, TRAINING TRAINERS, FIELD QUALITY ASSURANCE, PRESENT

Development of a customized weatherization, energy efficiency and green building curriculum for the United Way of Long Island United. Also involved in their DOE Weatherization Innovation Pilot Project as a trainer, quality assurance specialist and consultant. Site training for staff from 6 sites around the country. Covering pedagogy and weatherization, green building, energy auditing and green jobs technical content.

MATHIS CONSULTING ENERGY CODE TRAINING, PRESENT

Training Building Inspectors on the North Carolina Energy Code through the North Carolina Building Inspector's Association across the state of North Carolina.

LEED FOR HOMES GREEN RATER LEED PROJECT CERTIFICATION, PRESENT

Oversight of verification, communication and documentation for the LEED for Homes registration and certification process. Currently working as the green rater for the certification of five dormitories at Elon University, Elon, NC.

USGBC LEED FOR HOMES V4 REFERENCE GUIDE DEVELOPMENT AUTHOR, 2011-2012

Responsible for writing reference material for several LEED for Homes credits for the next version of the LEED for Homes Rating System for the USGBC.

USGBC CURRICULUM DEVELOPMENT REGREEN RESIDENTIAL RENOVATION GUIDELINES COURSE, 2009

Collaborative effort to create a course for USGBC rolled out at GreenBuild, November 2009 in Phoenix.

Train the Trainer Trained USGBC LEED® Faculty™ on effective REGREEN course delivery.

USGBC CURRICULUM DEVELOPMENT GREEN HOMES 251, LEED FOR HOMES CREDIT REVIEW, 2010

Collaborative effort to create a course for USGBC to be rolled out at January 2011 in San Diego.

NOLA100 EDUCATIONAL CONSULTANT, NEW ORLEANS, LA, 2008

Green Building Consultant.

Train the Trainer Worked with staff to develop practical scopes of work and delivered technical resources and trained trainers on building science and effective field techniques.

EXTREME MAKEOVER HOME EDITION CONSULTANT, WESTWEGO, LA, 2008

Green Building Consultant. www.extremeneworleans.com

LEED FOR HOMES PROJECT CONSULTANT & BUILDER, PLATINUM CERTIFIED WESTWEGO, LA, 2008

Extreme Makeover: Home Edition television show, ABC

LEED FOR HOMES PROJECT BUILDER, GOLD CERTIFIED MARSHALL, NC, 2008

2008 North Carolina Southern Living Idea House

LEED FOR HOMES PROJECT GREEN RATER, PLATINUM CERTIFIED, ELON, NC, 2011-2012 6 DORMITORIES AT ELON UNIVERSITY.

LEED FOR HOMES PROJECT GREEN RATER, CERTIFIED WASHINGTON, CT, 2011

Private residence.

15 NORTH CAROLINA HEALTHY BUILT AND ENERGY STAR HOMES BUILDER, ASHEVILLE, NC, 2002-2009

Custom and speculative new construction projects in the Asheville, NC area.

PUBLICATIONS

GREENBUILDINGADVISOR.COM BUSINESS ADVISOR BLOG, VIDEO & PODCASTS
WWW.GREENBUILDINGADVISOR.COM/BLOGS/DEPT/THINK-SPOT
2008 - 2011

SOUTHERN LIVING 2008 NORTH CAROLINA IDEA HOUSE
August 2008

FINE HOMEBUILDING A REMODELER'S GUIDE TO WASTE MANAGEMENT
July 2010

FINE HOMEBUILDING INSTALLING AND FLASHING WINDOWS CORRECTLY
July 2008

FINE HOMEBUILDING DEANS OF GREEN BLOG
blogs.taunton.com/fh-greenblog 2008 - 2009

NEWSWEEK NOT JUST FOR TREEHUGGERS
March 2008

SIERRA CLUB ONLINE NEWSLETTER TRENDSETTER ROB MOODY
July 2007

HOME ENERGY MAGAZINE HOMEGROWN GREEN BUILDING
July/August 2007 Issue

NEW YORK TIMES WHEN BUILDING 'GREEN,' IT'S STILL TOUGH TO FIND A BUILDER
October 2006

THIS OLD HOUSE MAGAZINE RED, YELLOW, BLUE + GREEN
October 2006

THIS OLD HOUSE MAGAZINE CONSTRUCTION WITH A CONSCIENCE
July/August 2006

REFERENCES

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