

Dr. John H. (Jack) Martin

1801 Highview Street, Burlington, NC 27215

(336) 213-5225 | jack.martinev@gmail.com

[LinkedIn](#) [SustainableJack.com](#)

Summary

Dr. John H. Martin is an accomplished technologist, educator, and innovator with extensive expertise in environmentally sustainable systems. Over several decades, he has developed, taught, and consulted on renewable energy and sustainable technologies globally, including work with the Peace Corps, the United Nations, USAID, and various academic institutions. He has founded companies, supported grassroots business incubators, and led projects in sustainable technology, transportation, and renewable energy. Dr. Martin is also a dedicated member of the Civil Air Patrol, with expertise in emergency services and aerospace education.

Experience**Founder/Developer**

Rural Recycling Institute, Morgantown, WV

Director

South Carolina Environmental Training Center, Sumter, SC

Economic Regeneration Program, Morgantown, WV

Consultancy has included:

- TEVA – Battery Training
- Solar Bike Design, Sol Mobil, Sun Trip California
- United Nations Industrial Development Organization – Ludhiana, India
- Enervisions Battery (now Himcen Battery)
- Greening of the Fleet, Coastal Research Institute, NC
- Organic Transit – ELF and OX Design, Durham, NC
- OutriderUSA – Alpha Project, Fletcher, NC
- FABLab Design – Two Universities, Three Community Colleges, and Three Nonprofits
- EVChallenge – NC Center for Automotive Research
- T.S. Designs – Sustainability Fellow, Burlington, NC
- Lowlander Center, Many, Louisiana
- Roosevelt Project (a joint venture of Harvard and MIT)

Educator

- Developed and taught curriculum at Appalachian State University, SKEMA, NC A&T, West Virginia University, Thomas Edison State University, Alamance Community College, and NC Clean Energy Center. Taught courses on renewable energy, sustainable technology, and aquaculture.

Radio/TV Host

Producer/Co-host of *Home Power Hour* (since 2005) – Over 750 programs available online.

Certifications

Awards

- 2024 Greater New Orleans Innovation Prize (\$50,000 for Lowlander Center solar project)
 - 2022 Outstanding Chapter East – TEVA Electric Auto Association
 - Grand Champion (124.62 mpg) – Tour de Shore, 21st Century Automotive Challenge
 - 2010 Individual Award – N.C. MobileCARE Awards
 - Volunteer Extraordinaire – N.C. Sustainable Energy Association
 - Environmental Achievement – National Sustainability Awards
 - Governor’s Environmental Leadership Award – W.V. *Make it Shine*
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Education

- **Ed.D. Technology Education Resource Management** – West Virginia University
 - **M.A. Technology Education (Solar Aquaculture)** – West Virginia University
 - **B.A. Science Education (Biology)** – Warren Wilson College
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Organizations

- United States Air Force Auxiliary (Civil Air Patrol)
 - Triad Electric Vehicles Association – Founder & President
 - American Solar Energy Society
 - International Society of Industrial Ecology
 - National Recycling Coalition
 - Sky Power for the People, Inc.
 - Lowlander Center, Many, Louisiana
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