

[REDACTED]  
Howard C. Wiig  
Energy Analyst  
Strategic Industries Division, State of Hawaii

[REDACTED] [REDACTED]  
**Education:**

BA, Field of Humanities, University of California-Berkeley, [REDACTED]  
MA, English Literature, University of Hawaii, [REDACTED]  
ABD, American Studies, University of Hawaii, [REDACTED]  
Numerous Certifications in Building Efficiencies and Lighting Efficiencies, [REDACTED]

**Work History:**

Free-lance journalist worldwide, 1960-1968  
Teaching Assistant, University of Hawaii, 1968-1971  
Legislative Aide, Hawaii State Legislature, 1972-1973  
Landlord, 1971-present  
President, *Pegasus*, 1973-1976  
Chairman of the Board, *Lord & Trigg*, 2000-Present  
Energy Analyst, State of Hawaii, 1976-Present  
President, HCW Consulting, 2004-present

**Professional Areas of Focus:**

Marine Debris Cleanup  
Daylighting  
Dark Skies  
Lighting and Human Performance  
Cool Roofs/Cool Attics  
Commercial Energy Codes  
Residential Energy Codes  
Incentives for Efficiency Measures in Buildings  
Reflective roof and wall coatings

**Affiliations:**

President, Illuminating Engineering Society-Hawaii  
Chair of the Board, *Lord & Trigg Environmental*  
Past president, Engineers and Architects of Hawaii  
Hawaii Science Bowl Executive Committee  
Past Vice President, Sierra Club-Hawaii  
Past President, Unity Church of Hawaii  
Past Vice President, Hawaii Bicycling League  
Past President, DBEDT for Business Toastmasters  
Past President, Lilioukalani Toastmasters  
President, Dark Skies International-Hawaii  
Secretary, Hawaii Speakers Association  
Board Member, State Water Conservation Task Force  
Member, Municipal Solid State Lighting Consortium, Education Committee  
Member, Humancentric Lighting Committee  
Member, Starlight Reserve Committee

**Publications:**

*Freedom or Jail for Imogene Cole*, Clean Energy Press, 1975  
"A cost Comparison of Various Methods of Retrieving Derelict Fishing Gear," in *Recent Advances in Marine Sciences and Technology*, 2004  
"Marine Pollution Prevention Produces Power," Sustainability: Mauka to Makai, Hawaii Conservation Alliance, 2006  
"Retrieving Ghostnet at Minimal Cost," PACON Abstracts, 2007  
"Cleaning Up Island Ecosystems with Plastic and Biofuel Refineries," *Hawaii Conservation Alliance Abstracts*, 2008  
"Pier 38 Partnership: A World Class Model," PACON Proceedings, 2010  
Numerous articles on lighting efficiencies and building technologies in technical and trade publications.

**Awards:**

Certificate of Recognition from Unity Church of Hawaii for extraordinary leadership, 2001.  
Certificate of Recognition from Governor Linda Lingle for extraordinary service as Aloha United Way Chair, 2003.  
"Top 50," Innovations in American Government, Kennedy School of Business, Harvard University.  
Over 50 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> place awards from running races.  
Advanced Communicator Gold, Toastmasters International  
Advanced Leader Bronze, Toastmasters International  
Numerous awards from Toastmasters International Speech Competitions.

