

Julian Powell
109 West Lake Drive
Mountain Park, GA 30075
404-551-5174
julian@zentech.org

PROFESSIONAL EXPERIENCE

1981-1995: Worked as a chemical engineer in the electronics manufacturing industry. Areas of focus included air and water pollution control systems, hazardous waste management, quality control, and extensive worldwide customer-support.

1995-present: Formed Zentech to address the need for safe disposal of toxic obsolete electronic equipment, or "e-waste". Developed a business plan that safely recycled 50 tons/year of obsolete electronics for businesses and consumers. Conducted training seminar for State of Georgia EPD Hazardous Waste Division and advised the Computer Disposal and Recycling Council and Pollution Prevention Assistance Division regarding e-waste issues. Earned recognition as e-waste recycling pioneer in Circuits Assembly Magazine, the Atlanta Business Chronicle, and the Atlanta Journal-Constitution.

Designed and built solar electric power system out of 100% recycled equipment, taking Zentech's 3000 sq ft warehouse off the grid for approximately 10 months as the first 100% solar powered business in Georgia. Also provided energy consulting services ranging from a solar powered 25,000 sq ft mansion to a wind power project in Costa Rica. Hosted visitors for the American Solar Energy Society's annual Solar Tour in October 2005.

Developed grant application for City of Mountain Park, Georgia's energy efficiency grant from American Recovery and Reinvestment Act.

VOLUNTEER/ACTIVIST WORK

Extensive self-study of energy issues including renewable and non-renewable fuels, developing expertise in:

- coal gasification/liquefaction technology
- wind power technology
- biofuels for transportation and electric power generation
- nuclear power, including detailed knowledge of nuclear fuel cycle.
- energy storage systems
- energy efficiency/conservation
- electric power grid management

Attended Wind Power Conference in 2006 sponsored by Georgia Wind Working Group.

Toured operating pressurized water nuclear power plant in 2008 and attended on-site seminar on advanced boiling water reactor design by GE-Hitachi Nuclear. Served on the Chattahoochee Basin Advisory Council of the Metropolitan North Georgia Water Planning District since 2002.

Appointed to the Technical Coordinating Committee of the Metropolitan North Georgia Water Planning District by the City of Mountain Park in 2008.

Former advocate for the Green Party, elected as Treasurer of the Fulton County Green Party, Development Director of the Georgia Green Party and Delegate to Georgia Green Party Annual Convention.

Organized campaign events for 2004 Green Party Presidential Campaign

In 2005 took exploratory steps for campaign for Public Service Commissioner of Georgia as Green Party nominee.

Volunteered for US Forest Service in 1995 as assistant hydrologist restoring logged areas in Northern Idaho for watershed and habitat protection.

PUBLICATIONS

Co-authored four papers on optical quality control instruments.

SKILLS

Strong organizational and management skills

Solid written and verbal communication skills

Ability to disseminate highly technical concepts in compelling terms

Methodical project planning and implementations skills

Extensive international work experience in Singapore, Korea, Israel, Taiwan, Japan, Hong Kong, Malaysia, Thailand and Germany.

EDUCATION

Bachelor of Science in Chemical Engineering
University of New Hampshire, 1983

Certified by State of New Hampshire Hazardous Waste Division in Resource Conservation and Recovery Act (RCRA), 1983

PERSONAL

Born in Wales, UK, naturalized citizen of the United States