Dr. Garrett Duncan

Specialties and interests include - Currently, I am the Director of SkyCool Systems, Inc. a company that invented a film used to passively cool mechanical systems (HVAC/R) and keep commercial building interiors comfortable while significantly reducing electricity, thus less fossil fuels burnt - cleaner planet. <https://www.skycoolsystems.com/technology/>

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| [Technology - SkyCool Systems](https://www.skycoolsystems.com/technology/)Our patented technology turns the sky into a renewable resource for cooling by rejecting heat into the cold universe.[www.skycoolsystems.com](http://www.skycoolsystems.com) |

I have built (project manager) hundreds of MWs of renewable PV (solar) at the utility generation scale, including switchyards and substations. I worked as a social scientist and recreation planner for several Bay Area consulting companies and did many federal, state, and utility research projects and studies. I worked for the USDI BLM as a Wilderness Ranger (trail work, visitor management) and Maintenance Worker on Historical elements such as lighthouses. I owned and operated a commercial construction company (built hundreds of projects around Sacramento), did fine woodworking (Oakland Museum/Smithsonian), and was an auto mechanic and home builder in CA and AK.

I live in Davis with my wife, two sons, and German Shephard dog. My wife is a Waldorf preschool teacher, and both our sons went through K-12 at Waldorf schools. I have taught anatomy-physiology and various aspects of natural resources at Los Rios CC and CSUS and guest lectured at CSUEB (geography-earth science-ecology), Cal Poly Humboldt (visitor management), and UC Davis (geography and ecology). I earned a Ph.D. from UC Davis in Geography with emphasis in ecological sciences and my MS from Cal Poly Humboldt was in natural resource sciences.

I have been a Liverpool FC supporter since 1974 (played soccer most of my life), gardener, writer, 1970s BMX bicycle collector, car builder (latest is 1965 Ford Mustang), and in general try a lot of new things like learning the bass guitar, kayaking, airbrushing.

My passion for teaching is getting young people to really think critically about natural resources and energy.