

## Biosketch of Paul S. Anderson, PhD

Paul Anderson has a broad liberal arts education. (Augustana College, BA in biology; University of California Berkeley, MA in Geography; Australian National University, PhD in Demography (migration studies); and technical training in Remote Sensing).

He is a retired university professor of geography, having had positions in Australia, Brazil, USA, and Mozambique. (Fulbright professor twice, to Brazil and to Mozambique).

He has specialized in pyrolysis since 2001, and he has been involved with numerous activities (enumerated below).

1. An international leader for TLUD (“tee-lud”) micro-gasifier cook-stoves (protégé of Dr. Thomas B. Reed). Consultant to many, mainly as a volunteer.
  - a. Conceptual designer of the Champion TLUD-ND (modest royalty receipts for some units).
  - b. Advisor for the FabStove TLUD-FA. (Minority partner in FabStoves International)
  - c. Designer of Mwoto, Quad, Troika and Bingwa TLUD-ND stoves for various projects in Africa.
2. Co-founder and former partner in Awamu Energy Ltd, Uganda (minimal operations now).
3. Co-author of “All Biochars Are Not Created Equal....” (2009) with McLaughlin, Shields, and Reed.
4. Participant in all and co-leader of about half of over twenty week-long hands-on workshops called Stove Camps and CHAB (Combined Heat and Biochar) Camps in USA, Australia, Honduras, and Kenya.
5. Active in organizations with cookstoves and biochar foci, including co-founder of the Illinois Biochar Group.
6. Co-founder with Paul Wever and minority partner in Chip Energy, Inc., developers of
  - a. Chip Energy Biomass Furnace
  - b. Chip Energy Biomass Grill
  - c. Chip Energy Biomass Conversion Facility

7. Founder and executive director of Juntos Energy Solutions NFP, a USA-registered nonprofit focused on gasifier cookstoves and biochar.
8. Co-designer (with James S. Schoner of Bitmaxim Laboratories) of CERCS CharTrac carbon accounting system.
9. Collaborator with Gary Gilmore for the Char-to-Power (C2P) charcoal gasifier for engine power.
10. Inventor of RoCC kiln technology, with patent (pending) with collaboration by Gary Gilmore.
11. Founder and owner of Woodgas Pyrolytics, Inc. (Willing to work with others around the world.)
12. As a concerned citizen, he has additional dimensions that do not relate to biochar, cookstoves and climate. Some exposures to his socio-economic and political feelings are in two books he published in 2018. They are free as digital (.pdf) books at his other website: [www.capitalism21.org](http://www.capitalism21.org). Nehemiah Papers contains 14 topical essays. More enjoyable but equally pointed is the novella A Capitalist Carol that has a subtheme of cookstoves and climate and brings in themes from the Nehemiah Papers.
13. With experience in developing countries and as a grandfather of three who could live to 2100, he is uncomfortable about the prospects of decline, harm, and true tragedy for them and the coming generations.