

Volunteer Programs Manager Students for International Change Arusha, Tanzania 07/05 – 12/06

- Managed operational aspects of volunteers conducting HIV/AIDS education campaigns in rural villages.
- Supervised sixty volunteers per year, thirty Tanzanian counterparts and subsidiary staff.
- Responsible for program design, execution and evaluation.
- Position involved extensive liasoning with Tanzanian government officials and local leaders.
- Managed maintenance and repair for three Land Rover TDis.

Research Assistant Univ. of Arizona, School of Natural Resources Tucson, AZ (USA) 06/04-05/05

- Led wilderness outings to trap, identify, and selectively tag target fish population.
- Collected data on target species reproductive health via dissection.
- Maintained captive population of 2000 fish

Trip Leader/Wilderness Educator Univ. of Arizona Outdoor Adventures Tucson, AZ (USA) 01/04 – 08/08

- Designed and conducted classes on sustainable wilderness skills.
- Supervised program staff and ensured student safety during ~10 expeditions per year.
- Instructor for wilderness backpacking, rock climbing, leave-no-trace practices, sea kayaking, caving, white-water rafting, and glacier and crevasse travel.

Tactical Aircraft Maintenance Crew Chief United States Air Force (USA, Europe, Middle East) 12/97 - 01/03

- Maintained full combat preparedness of assigned jet
- Participated in routine chemical/biological/nuclear/standard warfare training
- Provided Italian/English translation of classified material

HONORS & AWARDS

- Science Foundation Arizona Graduate Research Fellow, 2010
- Amazon Partnership for International Research & Education Fellow (NSF), 2009
- Distinguished Undergraduate Research Award, University of Arizona, 2008
- Air Force Commendation Medal, Dec 2002, Aviano, Italy
- United States Air Force Airman Leadership School Distinguished Graduate, Nov 2002, Aviano Italy
- USAF Student Leadership School Distinguished Graduate, March 1998, Sheppard Air Force Base, Texas

PUBLICATIONS

Barron-Gafford, G.A., Rascher, U., Bronstein, J.L., Davidowitz, G., **Chaszar, B.** and Huxman, T.E., 2012. **Herbivory of wild *Manduca sexta* causes fast down-regulation of photosynthetic efficiency in *Datura wrightii*: an early signaling cascade visualized by chlorophyll fluorescence.** *Photosynthesis research*, 113(1-3), pp.249-260.

Zeppel, M.J., Lewis, J.D., **Chaszar, B.**, Smith, R.A., Medlyn, B.E., Huxman, T.E. and Tissue, D.T., 2012. **Nocturnal stomatal conductance responses to rising [CO₂], temperature and drought.** *New Phytologist*, 193(4), pp.929-938.

Duan, H., **Chaszar, B.**, Lewis, J.D., Smith, R.A., Huxman, T.E., Tissue, D.T., 2018, **CO₂ and temperature effects on morphological and physiological traits affecting risk of drought-induced mortality.** *Tree Physiology*, 38(8), pp 1138-1151

PROFESSIONAL REFERENCES AVAILABLE UPON REQUEST