

Robert F. Granzow

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EDUCATION

- Ph.D., Industrial and Systems Engineering,
Auburn University, Auburn, Alabama, Anticipated 2018.
- M.S., Industrial and Systems Engineering,
Auburn University, Auburn, Alabama, 2016.
- B.S., Occupational Safety and Environmental Health,
Millersville University of Pennsylvania, Millersville, Pennsylvania, 2014.

DESIGNATIONS AND CERTIFICATIONS

- Associate Ergonomics Professional (AEP, #2160),
Board of Certification in Professional Ergonomics.
- Graduate Safety Practitioner (GSP, #2409),
Board of Certified Safety Professionals.

PROFSSIONAL AND ACADEMIC POSITIONS

- Auburn University - Graduate Research and Teaching Assistant.
Auburn, AL. 2014 - present.
- Boeing Company - Ergonomics Intern.
Charleston, SC. May - August 2016.
- Caterpillar, Inc. - Safety and Industrial Hygiene Intern.
Peoria, IL. May - August 2015.
- PPL Corporation - Safety Operations Intern.
Allentown, PA. January - May 2014.
- West-Rock Company - Safety and Environmental Health Intern.
Syracuse, NY. May - August 2013.

SUBMITTED AND WORKING PAPERS

1. **Granzow, R.F.**, Schall Jr., M.C., Smidt, M.F., Chen, H., Fethke, N.B., Huangfu, R. (Submitted). Characterizing Exposure to Physical Risk Factors among Reforestation Hand Planters in the Southeastern United States. *Applied Ergonomics*.

CONFERENCE PROCEEDINGS

1. Huangfu, R., **Granzow, R.F.** (Submitted). Creating a Tool for Querying United States Bureau of Labor Statistics Data. *Proceedings of the Human Factors and Ergonomics Society 61st Annual Meeting*. 2017 October 9-12; Austin, Texas.
2. **Granzow, R.F.**, Schall Jr., M.C., Smidt, M. (2016). Full Shift Physical Activity among Reforestation Hand Planters: A Feasibility Study. *Proceedings of the Human Factors and Ergonomics Society 60th Annual Meeting*. 2016 September 19-23; Washington D.C. (pp. 1017-1020). doi: 10.1177/1541931213601236

INVITED LECTURES AND CONFERENCE PRESENTATIONS

1. **Granzow, R.F.**, Schall Jr., M.C., Smidt, M.F. Hand Planter Ergonomics: Characterizing Physically Demanding Work in the Southeastern United States. *IUFRO 2017 125th Anniversary Congress*; 2017 September 18-22; Freiburg, Germany.
2. **Granzow, R.F.** Improving Introductory Engineering Course Labs Through an Innovative Flipped Classroom Approach. Auburn University Evidence Based Teaching: Teaching as Research Symposium; 2016 December 9; Auburn, Alabama.
3. **Granzow, R.F.**, Schall Jr., M.C., Smidt, M.F. Physical Risk Factors among Hand Planter Forestry Workers in the Southeastern United States. Southeast Center for Agricultural Health and Injury Prevention at the University of Kentucky Research Day; 2016 November 18; Lexington, Kentucky.
4. **Granzow, R.F.**, Schall Jr., M.C., Smidt, M. Evaluation of Physical Risk Factors among Hand Planting Reforestation Workers. 2016 Deep South Center for Occupational Health and Safety Research Symposium; 2016 April 14-15; Birmingham, Alabama. (Awarded Best Deep South Center ERC Symposium Poster).
5. **Granzow, R.F.**, Schall Jr., M.C., Smidt, M. Characterization of Physical Activity among Hand Planting Reforestation Workers. Auburn University This is Research Graduate Student Research Showcase; 2016 April 13; Auburn, Alabama.
6. **Granzow, R.F.**, Schall Jr., M.C., Gallagher, S., Seseck, R., Huangfu*, R., Davis, J. Strategies for Vehicle Ingress/Egress: Aging and Obese Populations. 5th Annual Southeastern States Occupational Network (SouthON) Meeting; 2016 March 8-9; New Orleans, Louisiana.
7. Huangfu, R., **Granzow, R.F.**, Su, S., Huang, Z., Gallagher, S., Schall Jr., M.C., Seseck, R., Davis, J. (2015). Motion capture of critical populations for vehicle ingress and egress. Auburn University College of Engineering Graduate Research Showcase; 2015 October 22; Auburn, Alabama. (Awarded Best in Industrial and Systems Engineering).

SPONSORED RESEARCH

- *An Evaluation of Different Planting Instruments on Hand Planter Physical Risk Factors*. CDC/NIOSH Southwest Center for Agricultural Health, Injury Prevention, and Education. 02/22/2017 - 02/21/2018.
Role: Co-Investigator
- *A Comparison of Physical Risk Factors among Hand Planting and Machine Planting Forestry Workers*. CDC/NIOSH Southwest Center for Agricultural Health, Injury Prevention, and Education. 01/01/2017 - 12/31/2017.
Role: Co-Investigator
- *Characterizing Physical Risk Factors among Hand Planter Reforestation Workers*. CDC/NIOSH Southeast Center for Agricultural Health and Injury Prevention. 10/15/2015 - 09/14/2016.
Role: Co-Investigator

PROFESSIONAL MEMBERSHIPS

2011 - present Member, American Society of Safety Engineers (ASSE)
2016 - present Member, Human Factors and Ergonomics Society (HFES)

HONORS, AWARDS AND OUTSTANDING ACHIEVEMENTS

2013, 2014, 2017 Foundation Scholarship, American Society of Safety Engineers
2017 Auburn University Harbert College of Business Tiger Cage 1st Place Team
2014 - present NIOSH Fellow, Deep South Education Research Center, Auburn University
2012 Foundation Scholarship, American Society for Industrial Security
2010 - 2014 Deans List, Millersville University

PROFESSIONAL DEVELOPMENT COURSES

- Preparing Future Faculty Course, Auburn University:
Acquired skills required for obtaining and sustaining a professional career in higher education and research institutions (2016-2017). Auburn University, AL.
- Federal Aviation Administration Cabin Safety Research Workshop:
Attended workshop to acquire knowledge of human performance in post-accident scenarios (April 2015). Oklahoma City, OK.