

BOOKS

1. Sustainable Practices for Landfill Design and Operation. (With Timothy Townsend, Pradeep Jain, Qiyong Xu, Thabet Tolaymat, and Debra Reinhart). Springer Publishing, doi: 10.1007/978-1-4939-2662-6, July 2015.

**PROFESSIONAL ORGANIZATIONS AND MISCELLANEOUS
PROFESSIONAL AND ACADEMIC ACTIVITIES**

Chair, Yale Department of Chemical & Environmental Engineering Ph.D. Student Recruitment Committee, 2015 & 2016
 Robert M. Langer Research Symposium Organization Committee, Yale Department of Chemical & Environmental Engineering, December 2014
 Expert Consultant, [United Nations Environment Programme](#) – Climate and Clean Air Coalition, 2013 - Present
 Expert Consultant, 40 CFR 98 – Federal Greenhouse Gas Reporting Rule, Subpart HH Reviewer, *Nature Climate Change*, *Nature Communications*, *Journal of Industrial Ecology*, *Science of the Total Environment*, *Waste Management*
 Android App Developer, Landfill Space Calculator <http://bit.ly/YyLP7L>

AWARDS AND ACADEMIC RECOGNITIONYale University

ASME, Materials and Energy Recovery Division Scholarship, 2016
 Yale Institute for Biospheric Studies Doctoral Pilot Research Grant, 2016
 Patagonia Eco-Innovation Business Case Competition, Runner-Up (111 Teams), 2016
 Air & Waste Management Association – Waste Management Research and Study Scholarship, 2015
 National Science Foundation Graduate Research Fellowship, 2015 - 2018
 Yale Online Education Innovation Distinguished Achievement Award, 2015
 Yale Online Education Innovation Grant Recipient, 2014

University of Florida

Sally and William Glick Graduate Research Award, 2004
 ASME, Solid Waste Processing Division Graduate Scholarship Award, 2004
 University Scholars Program, 2002
 Florida Bright Futures Scholarship, 1999 – 2003

SELECTED COMPUTER SKILLS

Model or Program Name	Description
R, JMP, Sigmaplot, Minitab, Origin, Prism	<i>Statistical and visualization software</i>
MSW-DST, WRATE, EASETECH	<i>Life-cycle analysis models</i>
Articulate Studio	<i>eLearning Development Software</i>