



INSTITUTION

MIT and Global Engineering
and Research (GEAR)
Laboratory

EDUCATION

Massachusetts Institute of
Technology
Tufts University

AMOS WINTER

Amos Winter is the Ratan N. Tata Career Development Associate Professor of Mechanical Engineering at MIT and Director of the Global Engineering and Research (GEAR) Laboratory. His research focuses on machine and product design for developing and emerging markets, with particular applications to irrigation, water purification, assistive devices, and power systems. Prof. Winter earned a BS from Tufts University (2003) and an MS (2005) and PhD (2011) from MIT, all in mechanical engineering.

He received the 2010 Tufts University Young Alumni Distinguished Achievement Award, the 2012 ASME/Pi Tau Sigma Gold Medal, was named one of the MIT Technology Review's 35 Innovators Under 35 (TR35) for 2013, and received the MIT Edgerton Faculty Achievement Award and an NSF CAREER award in 2017. Prof. Winter is also the principal inventor of the Leveraged Freedom Chair (LFC) developing world wheelchair, which was a winner of a 2010 R&D 100 award, named one of the Wall Street Journal's top innovations in 2011, received a Patents for Humanity award from the U.S. Patent and Trademark Office in 2015, and was the subject of "Engineering Reverse Innovations", winner of the 2015 McKinsey Award for the best article of the year in Harvard Business Review.