

Self-Nomination for SSIT Board of Governors Member-at-Large 2021-2023 term
Dr. Heather A. Love (PhD), Member Number 93939219



I am an Assistant Professor at the University of Waterloo's Department of English (Ontario, Canada) currently finishing my first term as an elected Member-at-Large on the SSIT BoG, and I was recently appointed as an IEEE TechEthics Ambassador. I have been actively involved as a volunteer with the SSIT since 2014, and I welcome the opportunity to continue that service during a second term as an elected Member-at-Large.

My contributions to SSIT include the following:

- Editor for the SSIT's monthly newsletter (since October 2016)
- Guest Editor for two special issues of the *IEEE Technology & Society Magazine* (with Phil Hall and Shiro Uesugi in 2015, and with Katina Michael and Judy Wajcman in 2017)
- Chair of Interdisciplinary Engagement on the planning committee for the 2016 "Norbert Wiener in the 21st Century" (21CW) conference in Melbourne, Australia
- Chair of Publications and Communications for the upcoming 21CW conference in Chennai, India (scheduled for 2020; postponed to 2021 in response to COVID-19)
- Organizer, with local chapter chair Rozita Dara, of an SSIT talk by Isabel Pedersen on "Embodied Computing" and wearable technologies (November 2019)
- Member of the SSIT Strategic Planning Committee (since December 2019)

My academic work involves ongoing engagement with engineering programs and interdisciplinary research on topics related to engineering, technology, and society. Most specifically, I teach first-year communication courses to electrical and computer engineering students, where we address many topics related to the social and ethical dimensions of the technical work that goes on in those fields. In addition, I am part of a grant-winning interdisciplinary research team that studies and develops ways to integrate ethical thinking more fully into engineering curriculum and practice. My work in the field of literary studies also embraces an interdisciplinary approach: I have published on the connections that link early twentieth-century experimental literature to the later technological developments associated with cybernetics—technologies that form the foundations of the information management and data processing systems that permeate today's world.

I believe that the SSIT's unique focus on broad-reaching social, ethical, and environmental issues holds great potential to attract an interdisciplinary membership from both within and beyond the engineering profession. As a continuing member of the SSIT BoG, I will work towards that end—and the related goal of increasing SSIT's overall global visibility— by encouraging members to organize and sponsor events at the chapter and regional level that (a) bring together engineers, professionals, academics, and members of the public who hail from diverse fields, and (b) open up cross-discipline conversations about topics related to technology, society, and ethics.