

Lee Lynd Bio

Lee Rybeck Lynd is a Professor of Engineering and an Adjunct Professor of Biology at Dartmouth College, Professor Extraordinary of Microbiology at the University of Stellenbosch, South Africa, and co-founder, Director and Chief Scientific Officer of Mascoma Corporation, a biomass energy start-up. He has been a member of the Dartmouth Faculty since 1987. Dr. Lynd holds a B.S. degree in biology from Bates College, an M.S. degree in bacteriology from the University of Wisconsin, and masters and doctoral degrees in engineering from Dartmouth.

Professor Lynd is an expert on utilization of plant biomass for production of energy. His contributions span the science, technology, and policy domains and include leading research on fundamental and biotechnological aspects of microbial cellulose utilization. He has led an active research group addressing these issues over the last two decades, authoring over 75 archival papers, book chapters, and reviews as well as 11 patents and patent applications. A frequently invited presenter on technical and strategic aspects of biomass energy, Professor Lynd has three times testified before the United States Senate and was a speaker at the 2007 Nobel Conference. In 2007 Dr. Lynd was the inaugural recipient of the Lemelson-MIT Sustainability prize for inventions and innovations that enhance economic opportunity and community well-being while protecting and restoring the natural environment. In 2005 he received the Charles D. Scott Award for distinguished contributions to the field of biotechnology for fuels and chemicals. Professional activities include:

- co-leader, the Role of Biomass in America's Energy Future project;
- Focus Area Leader for Biomass Deconstruction and Conversion, DOE Bioenergy Science Center;
- Biofuels industry representative, committee advisory to the Executive Office of President Clinton on Reducing Greenhouse Gas Emissions from Personal Vehicles;
- Editorial Board Member, *Biotechnology and Bioengineering*;
- Manager, Link Energy Fellowship Program.