

Project Manager Qualifications

Timothy M. LaPara, Associate Professor, Department of Civil Engineering, University of Minnesota

Education

B. S. C. E., 1995, Civil Engineering, University of Notre Dame
Ph.D., 1999, Environmental Engineering, Purdue University

Research and Teaching

Dr. LaPara's research is focused on the role of municipal and industrial wastewater treatment plants in preserving environmental quality and in protecting public health. Dr. LaPara teaches courses in the design of municipal water and wastewater treatment facilities and in environmental microbiology.

Julian D. Marshall, Assistant Professor, Department of Civil Engineering, University of Minnesota

Education

B. S. E., 1996, Chemical Engineering, Princeton University
M. S., 2002, Energy and Resources, University of California Berkeley
Ph.D., 2005, Energy and Resources, University of California Berkeley

Research and Teaching

Dr. Marshall is interested in energy and environmental impacts of cities, especially urban transportation systems. His research group analyzes data and builds models to understand the air pollution, climate-change emissions, and health impacts of the built environment. The goal is to investigate approaches to improve the environmental and public health aspects of urban areas. Dr. Marshall teaches courses in Air Pollution Management and Sustainability.

Responsibilities

Dr. Timothy M. LaPara will be responsible for coordinating the entire project and co-mentoring of a graduate student (yet to be hired). Dr. LaPara has considerable expertise in municipal wastewater treatment, having published more than 40 manuscripts that have been published in the peer-reviewed literature. Dr. Julian D. Marshall will also help co-mentor the graduate student, specifically offering his expertise in energy and the environment.

Organization Description

The University of Minnesota-Twin Cities is the state of Minnesota's largest institution of higher education