

Curriculum Vitae
Jennifer R. Hurley

Department of Biomedical Engineering
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Cincinnati, OH 45221

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Education

Ph.D., 2011, Biomedical Engineering - Concentration in Tissue Engineering
University of Cincinnati
Cincinnati, OH
Advisor: Daria A. Narmoneva, Ph.D.

B.S., 2002, Chemical Engineering - Illinois Institute of Technology
Chicago, IL
Minor in Biomedical Engineering
Certificate in Leadership Studies

Other Coursework - Graduate courses, Biomedical Eng.
Boston University, Boston, MA
(2002-2003)

Professional and Teaching Experience

Research Trainee, 2006-present
Department of Biomedical Engineering
University of Cincinnati, Cincinnati, OH
Teaching Assistant, 2007-2008
Department of Biomedical Engineering
University of Cincinnati, Cincinnati, OH
Institute Coordinator, 2003-2005
Institute of Psychology
Illinois Institute of Technology, Chicago, IL
Public Policy and Engineering Intern, 2001
Washington Internships for Students of Engineering (WISE)
American Institute of Chemical Engineers, Washington, DC
Process Engineering Intern, 2000
Phillips Alaska, Inc., Anchorage, AK

Honors, Awards and Fellowships

Finalist, MS Student Paper Competition, Summer Bioengineering Conference, June 2008

Integrative Graduate Education and Research Traineeship (IGERT),
National Science Foundation and University of Cincinnati,
2006-2009
Dean's Fellowship, Boston University, 2002
Leadership Academy Scholarship, Illinois Institute of Technology,
2000-2002
Tau Beta Pi, Engineering Honor Society, Illinois Institute of
Technology, inducted 2000
Dean's List, Illinois Institute of Technology, 1998-2002
Camras/NEXT Scholarship, Illinois Institute of Technology, 1998-2002

Peer-Reviewed Abstracts

Hurley JR, Balaji S, Narmoneva DA, "Temporal Mediation of Angiogenesis by Fibroblasts via Chemical Signaling and Extracellular Matrix Remodeling", American Heart Association Scientific Sessions, submitted June 2008.

Hurley JR, Narmoneva DA, "Regulation of Angiogenesis via Fibroblast-Mediated Matrix Remodeling", Podium Presentation, Biomedical Engineering Society Fall Meeting, October 2008.

Hurley JR, Narmoneva DA, "Fibroblasts Induce Mechanical Changes in the Extracellular Environment and Enhance Capillary-Like Network Formation", ASME 2008 Summer Bioengineering Conference, June 2008.

Hurley JR, Marcotte KE, Narmoneva DA, "Fibroblasts Regulate the Extracellular Mechanical Environment and In Vitro Capillary-Like Network Formation", Podium Presentation, Midwest Tissue Engineering Consortium, April 2008.

Hurley JR, Balaji S, Marcotte KE, Narmoneva DA, "Fibroblasts Facilitate In Vitro Angiogenesis via Regulation of Chemical and Mechanical Environments", Biomedical Engineering Society Fall Meeting, September 2007.

Invited Lectures

"Ischaemic Tissue Revascularization", IGERT Seminar Series, University of Cincinnati, February 2008.

"IGERT Research Topics", IGERT Seminar Series, University of Cincinnati, October 2006.

"Optimum Design of Solar Desalination Process", Interprofessional Projects Day, Illinois Institute of Technology, April 2002.

"Moving Towards Biomass: Current Support for Biomass Usage in the United States", National Science Foundation, Washington DC, August 2001.

Other Abstracts and Publications

Hurley JR, Narmoneva DA, "Fibroblasts Alter the Extracellular Mechanical Environment and Enhance Capillary-Like Network Formation", IGERT Project Meeting, May 2008.

Hurley JR, Narmoneva DA, "Fibroblasts Alter the Extracellular Mechanical Environment and Promote In Vitro Angiogenesis", University of Cincinnati Graduate Student Poster Forum, March 2008.

Walden JR, "Moving Towards Biomass: Current Support for Biomass Usage in the United States", American Institute of Chemical Engineers, 2001.