

Microbial Fuel Cells			
Project Title	PI Name	Performer	Type
Mechanisms Underlying the Metallic-Like Conductivity of Microbial Nanowires	Lovley, Derek	U. Mass Amherst	Basic Research
Factors Limiting Power Output of Benthic Microbial Fuel Cells: Mechanistic and Ecological Studies	Lovley, Derek	U. Mass Amherst	Basic Research
Role of Fe-Oxidizing Bacteria in Metal Biocorrosion in the Marine Environment	Emerson, David	Bigelow Lab	Basic Research
Characterizing electron transport resistances from anode-respiring bacteria using electrochemical techniques	Torres, Cesar	Arizona State University	Basic Research
Electron Transfer Mechanisms in Biofilms	Beyenal, Haluk	Washington State U	Basic Research
Improved Understanding and Enhancement of Deep Sea Benthic Microbial Fuel Cell Power Potential	Chadwick, Bart	SPAWAR Systems Center	Basic Research
Nanoscale Electron Transport in Biofilms	Weiss, Paul	UCLA	Basic Research
Electrochemical Interrogation of Geobacter Sulfurreducens Biofilm with CNT Nanowire Electrodes	Lebedev, Nikolai	NRL DC	Basic Research
Integrated Microbial Electrochemical Approach for Navys Wastewater Management, Desalination, and Energy Production	Ren, Jason	U. Colorado at Boulder	Applied Research

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Benthic Microbial Fuel Cell Configurations for Generation of Operationally Relevant Power Levels	Chadwick, Bart	SPAWAR Systems Center	Applied Research
Distributed Active Underwater Microbial Fuel Cell (DA-MFC) for Durable, Efficient and Reliable Power Generation	Li, Baikun	U. Conn	Applied Research
Sensors powered by benthic microbial fuel cells relaying data to autonomous underwater gateways (6.2)	Reimers, Clare	Oregon State University	Applied Research
Demonstration of a 1 Watt Benthic Microbial Fuel Cell Mooring	Tender, Lenny	NRL DC	Applied Research