2009 Junior Faculty Distinctions

Andrea Armani
ONR Young Investigator Award winner
Andrea Armani, an assistant professor in the Mork Family Department of Chemical Engineering and Materials Science, is designing a low-power portable biosensor to distinguish different microorganisms as a preventive medicine tool.

Stephen Cronin
NSF Career Award winner Stephen Cronin, an assistant professor in the Hsieh Department of Electrical Engineering, is a specialist in employing nanostructures, both carbon cylinders and metal wires, for a broad range of possible applications, from bio-sensors to Micro-Electro-Mechanical Systems (MEMS) devices.

Hossein Hashemi
NSF Career Award winner Hossein Hashemi, an assistant professor in the Hsieh Department of Electrical Engineering creates novel compact circuits that can both broadcast and receive radio signals, with applications ranging from auto safety to medical imaging.

David Kempe
Sloan Fellowship winner David Kempe, an assistant professor in the Department of Computer Science, studies social networks and their interactions, including algorithms designed to minimize or maximize the spread of information via such networks.