

Worcester Polytechnic Institute
Summary of NSF CAREER Proposal Submissions
for the July 18-20, 2006 Deadlines

PI	Dept	Total Costs	Direct Costs	Indirect Costs	Total VUCS	Title of Project	Proposed Start Date	Proposed End Date
Yu, Weiyong	CBC	\$786,118	\$566,061	\$220,058	\$86,134	CAREER: Crystallization, Synthesis, and Surface Functionality Control of High Quality Solution Dispersible Nanocrystals	07/01/09	06/30/13
Matthews, Lauren	BBT	\$686,918	\$472,646	\$214,272	\$46,150	CAREER: An investigation of ecological genetics in a fragmented landscape with a combined temporal and micro-spatial approach	05/01/09	04/30/14
Prusty Rao, Reeta	BBT	\$504,188	\$357,074	\$147,114	\$55,102	CAREER: Investigating the Role of the Secondary Metabolite, Indole Acetic Acid as a Signal that Regulates Fungal Pathogenesis	07/01/09	06/30/04
Huang, Xinming	ECE	\$423,125	\$301,569	\$121,556	\$44,608	CAREER: Bringing Cognitive Wireless Networks to Reality: A Reconfigurable Systems Approach	01/01/09	12/31/13
Lindeman, Rob	CS	\$494,630	\$360,053	\$134,577	\$43,067	CAREER: Effective Use of Haptics in Real, Virtual, and Teleoperated Environments	07/01/09	06/30/14
Mani, Murali	CS	\$486,415	\$355,023	\$131,392	\$67,852	CAREER: Enabling Data Integration using XML Views	08/01/09	07/31/14
Klein, Andrew	ECE	\$433,671	\$309,722	\$123,949	\$43,067	CAREER: Adaptive Algorithms and Theory for Exploiting Frequency Selectivity in Half-Duplex Relay Networks	07/01/09	06/30/14
Rangwala, Ali	FPE	\$499,915	\$371,572	\$128,343	\$44,608	CAREER: Controlling Mechanisms of Dust Layer Ignition and Flame Propagation in Dust Clouds	01/01/09	12/31/13

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Garcia, Rafael	PH	\$400,269	\$285,366	\$114,903	\$43,067	CAREER: Experiments for better understanding the wetting of liquids and other complex materials on solid surfaces	09/01/09	08/31/14
Clark, Constance	H&A	\$417,540	\$274,336	\$143,204	\$0	CAREER: Seeing for Ourselves: Vernacular Science and History Laboratories	06/01/09	05/31/14
Totals (10 Proposals)		<u>\$5,132,789</u>	<u>\$3,653,422</u>	<u>\$1,479,368</u>	<u>\$473,655</u>			