

Energy Research

Researcher	Dept	Topic	Nano	Device	Process	Fundamental	Applied
Strauf	PEP	graphene light harvesting, LEDs	X	X		X	
Yang	ME	graphene/CNT supercapacitors	X	X		X	
Fisher	ME	energy harvesting, nano materials for energy	X	X		X	X
Hadim	ME	sustainability, solar-thermal, geothermal		X	X		X
Raftery	CEOE	ocean wave conversion; Seahorse Power		X			X
Shi	ME	nanoscale energy harvesting	X	X		X	
Choi	ME	anti-friction/fouling, nanofluid energy harvesting	X	X		X	
Herrington	CEOE	offshore wind, tide, current energy		X			X
Braida	CEOE	sustainability, life cycle analysis			X		X
Lawal	CEMS	biofuels processing		X	X	X	X
Lee	CEMS	graphene supercapacitors	X	X		X	X
Podkolzin	CEMS	natural gas conversion	X		X	X	
Kalyon	CEMS	biomass processing		X	X	X	X
Imas	CEOE	wave energy, underwater current energy		X			X
Kamberov	CS	fusion, smart grid, economics			X		X
Hui Wang	CS	data management, security for smart grid			X		X
Besser	CEMS	nano in fuel cells, hydrogen, solar	X	X		X	X
Mostashari	SSE	adaptive complexity in energy/environment				X	X

18 faculty members

6 departments