## **BROAD IMPACTS**

RESEARCHER	MATERIAL (all applicable)	AREA (1)	(most significant: 1 or 2)	FIRST_NAME	LAST_NAME	INSTITUTION	CITY	ST
Υ	nitride, nano	security	mentoring, URG	Teddy	Asefa	Rutgers University	New Brunswick	NJ
Υ	fuel cells, oxides	energy	teachers	Scott	Barnett	Northwestern University	Evanston	IL
Υ	cement/concrete	climate	public outreach	Michel	Barsoum	Drexel University	Philadelphia	PA
Υ	superconductors	energy	schools	Siu-Wai	Chan	Columbia University	New York	NY
Υ	nano, microstructure, oxides	innovation/economy	public outreach	Shen	Dillon	University of Illinois	Champaign	IL
Υ	nano, particles	energy	international, mentoring	Sheryl	Ehrman	University of Maryland	College Park	MD
Υ	nitride	energy	URG	Peter	Feng	University of PR	San Juan	PR
Υ	composites	innovation/economy	schools, URG	Javier	Garay	University of California	Riverside	CA
Υ	carbon/carbides	health	public outreach, international	Yury	Gogotsi	Drexel University	Philadelphia	PA
Υ	oxides, nano	climate	mentoring	Perena	Gouma	SUNY at Stony Brook	Stony Brook	NY
Υ	glass	innovation/economy	URG, national lab	Nan	Jiang	Arizona State University	Mesa	ΑZ
Υ	nano, glass, particles	health	URG, schools	Jacqueline	Johnson	University of Tennessee Space Institute	Tullahoma	TN
Υ	carbon/carbides	innovation/economy	mentoring	Amer	Lahamer	Berea College	Berea	KY
Υ	magnetics, oxides, ferroelectric	innovation/economy	national lab, URG	Jeremy	Levy	University of Pittsburgh	Pittsburgh	PA
Υ	nano, particles, oxides	security	URG, teaching	Jie	Lian	RPI	Troy	NY
Υ	nano, batteries, oxides	energy	mentoring, public outreach	Jian	Luo	Clemson University	Clemson	SC
Υ	carbon/carbides	innovation/economy	mentoring, URG	Lynnette	Madsen	National Science Foundation	Arlington	VA
Υ	glass	energy	international, URG	Steve	Martin	Iowa State University	Ames	IA
Υ	oxides	security	URG, mentoring	Jagdish	Narayan	NC State University	Raleigh	NC
Υ	borides, composites	security	mentoring, international	Nina	Orlovskaya	University of Central Florida	Orlando	FL
Υ	oxides	security	mentoring	Bridget	Rogers	Vanderbilt University	Nashville	TN
Υ	oxides	energy	mentoring	Gregory	Rohrer	Carnegie Mellon University	Pittsburgh	PA
Υ	silicates, nano, particles	climate	schools	Sudipta	Seal	University of Central Florida	Orlando	FL
Υ	nano	health	mentoring	Lia	Stanciu	Purdue University	West Lafayette	IN
Υ	fuel cells, oxides	energy	URG	Yayoi	Takamura	University of California, Davis	Davis	CA
Υ	glass	innovation/economy	mentoring, URG	Minoru	Tomozawa	Rensselaer Polytechnic Institute	Troy	NY
Υ	carbon/carbides, composites	security	international	Igor	Tsukrov	University of New Hampshire	Durham	NH