

ALERT Contact list by Project

Area	University	Contact	E-Mail	Office Phone
F1: Explosives Characterization	URI	James (Jim) Smith	jsmith@chm.uri.edu	401-874-2348
F1-A: Determining Vapor Liquid Equilibria & Phase Diagrams of Water/H ₂ O ₂ Binary & Ternary Sys.	TTU	Brandon Weeks	brandon.weeks@ttu.edu	806-742-3998
	TTU	Louisa Hope-Weeks	louisa.hope-weeks@ttu.edu	806-742-4487
	WSU	Choong Shik Yoo	csyoo@wsu.edu	509-335-2712
F1-B: Testing for Precursors Identification	URI	Jimmie Oxley	joxley@chm.uri.edu	401-874-2103
	URI	James Smith	jsmith@chm.uri.edu	401-874-2348
F1-C: Precursor Denaturing	URI	Jimmie Oxley	joxley@chm.uri.edu	401-874-2103
	URI	James Smith	jsmith@chm.uri.edu	401-874-2348
F1-D: Modeling of surface-particle interaction	HUJI	Yehuda Zeiri	yehuda@bgumail.bgu.ac.il	972-8-6517728
	HUJI	Zeev Karpas	karpas4@netvision.net.il	
	HUJI	Ronnie Kosloff	ronnie@fh.huji.ac.il	972-2-6585485
F2: Explosives Detection Sensors	NEU	Carey Rappaport	rappapor@ece.neu.edu	617-373-2043
F2-A: Explosive Detection using Hyperspectral Imaging	NEU	Charles (Chuck) DiMarzio	dimarzio@ece.neu.edu	617-373-8570
	NEU	Max Diem	m.diem@neu.edu	617-373-2922
	NEU	Stephen (Steve) McKnight	mcknight@ece.neu.edu	617-373-2060
	UPRM	Miguel Velez-Reyes	mvelez@ece.uprm.edu	787 315 4062
	UPRM	Nayda Santiago	nayda@ece.uprm.edu	787-832-4040 x3510
F2-B: Millimeter-Wave Standoff Detection of Concealed Explosives	NEU	Carey Rappaport	rappapor@ece.neu.edu	617-373-2043
	NEU	Jose Martinez	jmartine@ece.neu.edu	617-373-2847
F2-C: THz generation & detection with gases for standoff detection	RPI	X.-C. Zhang	zhangxc@rpi.edu	518 276 3079
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	RPI	Yunqing Chen	cheny8@rpi.edu	518-276-8394
F2-D: Intelligent Mass Spectrometer for Identifying Explosives & Chemical Weapons; (Woods Hole)	WHOI	Rich Camilli	rcamilli@whoi.edu	508-289-3796
F2-E: Detection of Electronically Initiated Explosive Devices	MST	Daryl Beetner	daryl@umr.edu	573-341-6203
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F2-F: Remote Raman Spectroscopy Detection of High Explosives	UPRM	Samuel Hernandez	sp_hernandez_uprm@yahoo.com	787-832-4040 x3546
Simulants	FIU	Jose R. Almirall	almirall@fiu.edu	305.348.3917
F2-G: Detection via Optical Chemosensors Using Nanocomposites from Porous Silicon Photonic Crystals and Sensory Polymers	URI	William (Bill) Euler	weuler@chm.uri.edu	401-874-5090
	URI	Igor Levitsky	ilevitsky@chm.uri.edu	401-874-2699
	URI	Radha Narayanan	rnarayanan@chm.uri.edu	401-874-2298
F2-H: Gas Sensors for the Detection of Explosive Precursors Using Metal Oxide Catalysts	URI	Otto Gregory	gregory@egr.uri.edu	401-874-2085
F2-I: Polymer-aided Detection	CalTech	Nate Lewis	nslewis@caltech.edu	626-395-6335
F2-J: Decomposition rate constants, heats of associations, & ion lifetimes of explosives in air at ambient pressure	NMSU	Gary Eiceman	geiceman@nmsu.edu	575-646-2146
Modeling of surface-particle interaction	HUJI	Yehuda Zeiri	yehuda@bgumail.bgu.ac.il	972-8-6517728
	HUJI	Zeev Karpas	karpas4@netvision.net.il	
	HUJI	Ronnie Kosloff	ronnie@fh.huji.ac.il	972-2-6585485
F2-L: Remote vapor enhancement	WIS	Yaron Silberberg	Yaron.Silberberg@weizmann.ac.il	972-8-9344035

F3: Explosives Detection (ED)		BU	David Castanon	dac@bu.edu	617-353-9880
F3-A:	Multi-modality imaging for portal-based screening	BU	David Castanon	dac@bu.edu	617-353-9880
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		RPI	Birsen Yazici	yazicb@rpi.edu	518 276 2905
		Tufts	Eric Miller	elmiller@ece.tufts.edu	617-627-0835
F3-B:	Dynamic Video Surveillance for Prediction and Detection of Explosive Threats	NEU	Mario Sznaier	sznaier@ece.neu.edu	617-373-5364
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F3-C:	Multimodal sensor networks for stand-off detection	BU	David Castanon	dac@bu.edu	617-353-9880
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F3-D:	Multimodal Pattern Recognition	BU	David Castanon	dac@bu.edu	617-353-9880
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F4: Blast Mitigation		URI	Arun Shukla	shuklaa@egr.uri.edu	401-874-2283
F4-A:	Optimal design and use of advanced structural materials to mitigate explosive & impact threats	WSU	Yogendra (Yogi) Gupta	ymgupta@wsu.edu	509-335-7217
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		MST	John Myers	jmyers@umr.edu	573-341-6618
F4-B:	Structural Response to Non- Ideal Internal Explosions	CalTech	Joseph (Joe) Shepherd	joseph.e.shepherd@caltech.edu	626-395-3283
F4-C:	Deformation & Progressive Failure of Structures with Blast & Fire Loadings	URI	Otto Gregory	gregory@egr.uri.edu	401-874-2085
		URI	Hamouda Ghonem	ghonem@egr.uri.edu	401-874-2909
F4-D:	Novel Composite Materials & Structures for Blast Mitigation	URI	Arun Shukla	shuklaa@egr.uri.edu	401-874-2283
	Self-healing Concretes	URI	Arijit Bose	bosea@egr.uri.edu	401-874-2804
	Water Mist for Blast Mitigation & Characterizing HME	PU	Steve Son	sson@purdue.edu	765-494-8208
	Self-healing Polymers	UI	Nancy Sottos	n-sottos@uiuc.edu	
F4-E:	Attenuation & Mitigation of Stress Waves Propagating in Blast Shielding Materials	URI	Carl-Ernst Rousseau	rousseau@egr.uri.edu	401-874-2542
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	Texas Tech University	TTU			
	Washington State University	WSU			
	Northeastern University	NEU			
	University of Puerto Rico-Mayaguez	UPRM			
	Purdue University	PU			

Renssalaer Polytechnic Institute	RPI		
Missouri U of Science & Technology	MST		
California Institute of Technology	CalTech		
New Mexico State University	NMSU		
Hebrew University of Jerusalem	HUJI		
Weizmann Institute of Science	WIS		
University of Illinois	UI		
Tufts University	Tufts		
Florida International University	FIU		