



Research and Development (R&D) to Enhance Homeland Security: CRS Experts

Frank Gottron

Specialist in Science and Technology Policy

January 15, 2010

Congressional Research Service

7-5700

www.crs.gov

R40870

CRS Report for Congress

Prepared for Members and Committees of Congress

The following table provides access to names and contact information for CRS experts on policy concerns relating to research and development (R&D) to enhance homeland security. Policy areas identified include:

- Mission: scope, magnitude, relationship to other federal homeland security goals;
- Conducting and coordinating homeland security R&D;
- Catastrophic threats—science and technology;
- Countermeasures—science and technology; and
- Encouraging private development of countermeasures.

Legislative Issues	Name/Title	Phone	E-mail
Mission: scope, magnitude, relationship to other federal homeland security goals			
Developing countermeasures policy and strategic plan	Frank Gottron Specialist in Science and Technology Policy	7-5854	fgottron@crs.loc.gov
	Dana A. Shea Specialist in Science and Technology Policy	7-6844	dshea@crs.loc.gov
Access to scientific and technical information	Gina Stevens Legislative Attorney	7-2581	gstevens@crs.loc.gov
Establishing R&D policy and priorities	Eric A. Fischer Senior Specialist in Science and Technology Policy	7-7071	efischer@crs.loc.gov
Conducting and coordinating homeland security R&D			
Dept. of Homeland Security	Daniel Morgan Specialist in Science and Technology Policy	7-5849	dmorgan@crs.loc.gov
Dept. of Agriculture	Jim Monke Specialist in Agricultural Policy	7-9664	jmonke@crs.loc.gov
	Eric A. Fischer Senior Specialist in Science and Technology Policy	7-7071	efischer@crs.loc.gov
Dept. of Defense	Andrew Feickert Specialist in Military Ground Forces	7-7673	afeickert@crs.loc.gov
Dept. of Health and Human Services	C. Stephen Redhead Specialist in Health Policy	7-2261	credhead@crs.loc.gov
	Susan Thaul Specialist in Drug Safety and Effectiveness	7-0562	sthaul@crs.loc.gov
	Pamela W. Smith Analyst in Biomedical Policy	7-7048	psmith@crs.loc.gov
Catastrophic threats—science and technology			
Biological	Frank Gottron Specialist in Science and Technology Policy	7-5854	fgottron@crs.loc.gov
	C. Stephen Redhead Specialist in Health Policy	7-2261	credhead@crs.loc.gov
Chemical	Dana A. Shea Specialist in Science and Technology Policy	7-6844	dshea@crs.loc.gov

Legislative Issues	Name/Title	Phone	E-mail
Conventional explosives	Daniel Morgan Specialist in Science and Technology Policy	7-5849	dmorgan@crs.loc.gov
Cyberthreats	John D. Moteff Specialist in Science and Technology Policy	7-1435	jmoteff@crs.loc.gov
Nuclear/Radiological	Daniel Morgan Specialist in Science and Technology Policy	7-5849	dmorgan@crs.loc.gov
	Jonathan Medalia Specialist in Nuclear Weapons Policy	7-7632	jmedalia@crs.loc.gov
Risk assessment	Curtis W. Copeland Specialist in American National Government	7-0632	cwcopeland@crs.loc.gov
	John Rollins Specialist in Terrorism and National Security	7-5529	jrollins@crs.loc.gov
Countermeasures—science and technology			
Aviation security technologies	Daniel Morgan Specialist in Science and Technology Policy	7-5849	dmorgan@crs.loc.gov
Biological research, including genomics	Eric A. Fischer Senior Specialist in Science and Technology Policy	7-7071	efischer@crs.loc.gov
Biomedical R&D	Frank Gottron Specialist in Science and Technology Policy	7-5854	fgottron@crs.loc.gov
	C. Stephen Redhead Specialist in Health Policy	7-2261	credhead@crs.loc.gov
	Judith A. Johnson Specialist in Biomedical Policy	7-7077	jajohnson@crs.loc.gov
	Susan Thaul Specialist in Drug Safety and Effectiveness	7-0562	sthaul@crs.loc.gov
	Pamela W. Smith Analyst in Biomedical Policy	7-7048	psmith@crs.loc.gov
Biometric and forensic technologies	Eric A. Fischer Senior Specialist in Science and Technology Policy	7-7071	efischer@crs.loc.gov
	Daniel Morgan Specialist in Science and Technology Policy	7-5849	dmorgan@crs.loc.gov
Cybersecurity, database interoperability	John D. Moteff Specialist in Science and Technology Policy	7-1435	jmoteff@crs.loc.gov
Data mining	Gina Stevens Legislative Attorney	7-2581	gstevens@crs.loc.gov
Infectious disease (including vaccines)	Frank Gottron Specialist in Science and Technology Policy	7-5854	fgottron@crs.loc.gov
	Judith A. Johnson Specialist in Biomedical Policy	7-7077	jajohnson@crs.loc.gov
Telecom and high performance computing	Patricia Moloney Figliola Specialist in Internet and Telecommunications Policy	7-2508	pfigliola@crs.loc.gov
Wireless communications and spectrum policy	Linda K. Moore Specialist in Telecommunications Policy	7-5853	lmoore@crs.loc.gov

Legislative Issues	Name/Title	Phone	E-mail
Encouraging private development of countermeasures			
Industry incentives	Frank Gottron Specialist in Science and Technology Policy	7-5854	fgottron@crs.loc.gov
Intellectual property rights	Wendy H. Schacht Specialist in Science and Technology Policy	7-7066	wschacht@crs.loc.gov
Tort liability	Edward C. Liu Legislative Attorney	7-9166	eliu@crs.loc.gov

Experts List Coordinator

Frank Gottron
Specialist in Science and Technology Policy
fgottron@crs.loc.gov, 7-5854