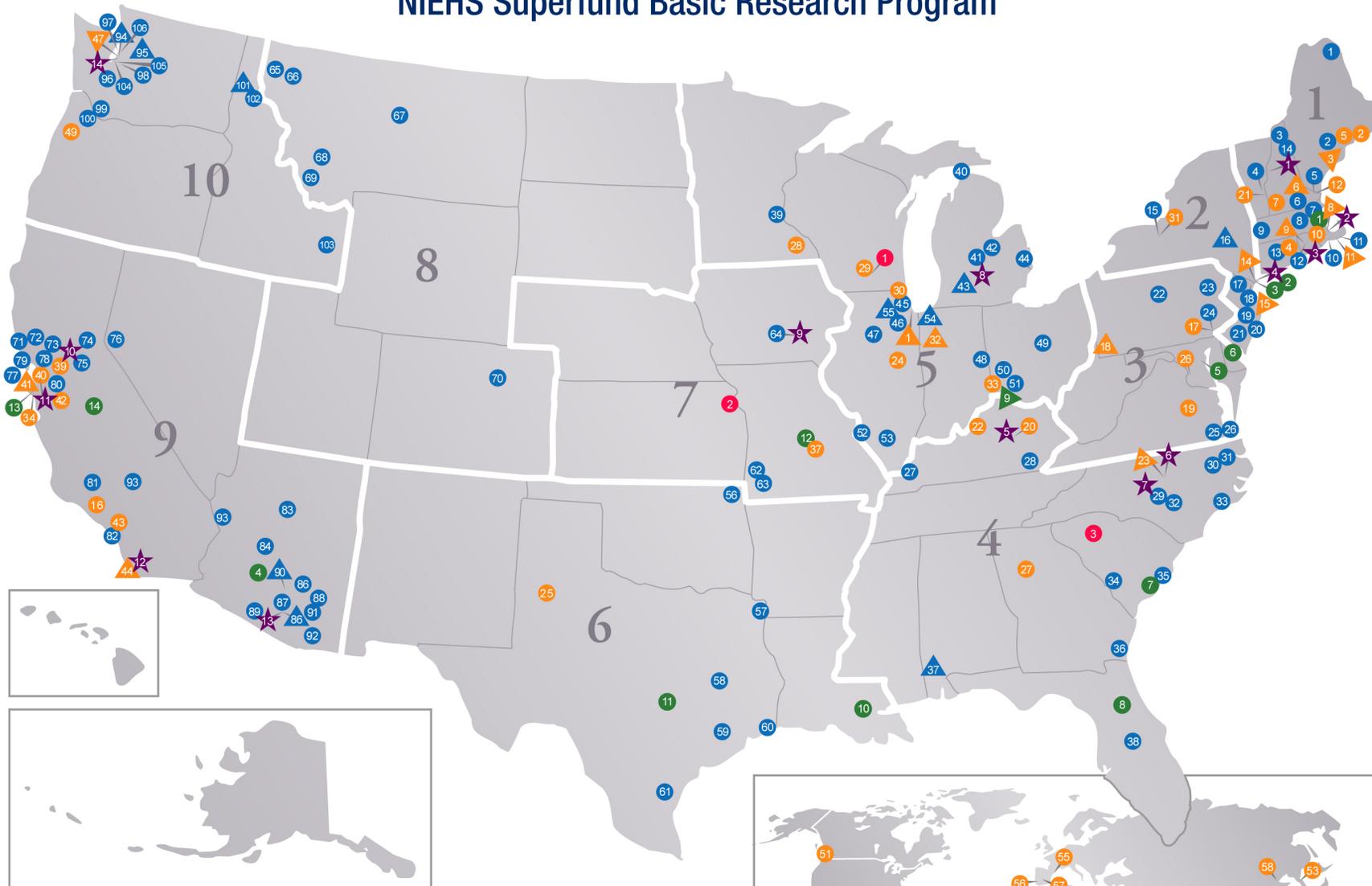


NIEHS Superfund Basic Research Program



KEY

- ★ Superfund Basic Research Programs (14)
- Superfund Basic Research Program Partnering Institutions (89)
- Superfund Basic Research Program Research and Outreach at Hazardous Waste Sites (210)
- Small Business Innovation Research Grants (3)
- Individual Research Projects (15)
- ▲ Indicates more than one site at location



Note: Sites are "research only" unless indicated with a ★ or Ⓢ. ★ indicates "outreach only" and Ⓢ indicates "research and outreach."

Activities at Hazardous Waste Sites (SBRP has funded research and outreach at an additional 31 sites that cannot be identified due to privacy agreements)

EPA Region	Map Key	Site Description
1	1	Loring Air Force Base; Limestone, ME
1	2	Winthrop Landfill; Winthrop, ME
1	3	18 SF sites in NH
1	Ⓢ 4	Elizabeth Copper Mine; Strafford, VT
1	5	Coakley Landfill; Coakley, NH
1	6	George Lay Property; Merrimack, NH
1	7	Former Jo Whiten Co.; Winchester, MA
1	8	New Bedford Estuary; New Bedford, MA
1	9	Woods Pond; Pittsfield, MA
1	10	New Bedford Harbor Coast Guard Removal; MA
1	11	Otis Air National Guard/Camp Edwards; Falmouth, MA
1	★ 12	Centredale Manor Restoration Project; N. Providence, RI
1	13	SRSNE; Hartford, CT
1	14	Berlin, NH
2	15	Onondaga Lake; Syracuse, NY
2	16	HS7 and HS28; Hudson River, NY
2	16	Hudson River Harbor Complex PCBs; NJ-NY
2	16	Hudson River Watershed and New York Harbor; NJ-NY
2	17	Picatinny Arsenal (US Army); Rockaway Township, NJ
2	18	Diamond Alkali Co.; Newark, NJ
2	19	American Cyanamid; Bound Brook, NJ
2	20	Ciba Chemicals; Toms River, NJ
2	21	Vineland Chemical Co., Inc.; Vineland, NJ
3	22	Drake Chemical (pesticides); Loch Haven, PA
3	23	Iacavazzi Landfill (mixed industrial); Scranton, PA
3	24	Ciba-Geigy Corp. Site; Philadelphia, PA
3	25	Atlantic Wood Site, Elizabeth River; Norfolk, VA
3	26	Atlantic Wood; Portsmouth, VA wood preserving
4	Ⓢ 27	Paducah Gaseous Diffusion Plant; Paducah, KY
4	★ 28	National Electric Coil/Cooper Industries; Dayhoit, KY
4	29	Koppers Company, Inc.; Morrisville, NC
4	30	FCX, Inc.; Washington, NC
4	31	Georgia-Pacific Hardwood Sawmill; Plymouth, NC
4	32	Cape Fear Fayetteville, NC wood preserving
4	33	Cherry Point Marine Corps Air Station; Cherry Point, NC
4	34	Savannah River Site; Aiken, SC
4	35	Geiger Site; Charleston County, SC
4	36	LCP Chemical; Brunswick, GA
4	37	Olin Corporation; McIntosh, AL
4	37	Ciba-Geigy Corp. Site; McIntosh, AL
4	38	Tower Chemical Company Site; Clermont, FL
5	39	Reilly Tar and Chemical Corp.; St. Louis Park, MN
5	40	Federal Marine Terminal Site, MI
5	41	Velicol Chemical Superfund Site; St. Louis, MI
5	42	Saginaw River; Saginaw, MI
5	43	Scouter Pond; Kalamazoo, MI
5	43	Allied Paper, Inc.; Kalamazoo, MI
5	44	Pointe Mouillee confined disposal facility; Detroit, MI
5	45	Joliet Army (munitions); Joliet, IL
5	46	Savanah Army Depot (munitions); Savanah, IL
5	47	LaSalle Electronic Utilities; LaSalle, IL
5	48	Mississinewia River; Union City, IN
5	49	RCRA site; OH
5	★ 50	Addyston, OH
5	★ 51	Cincinnati, OH
5	52	Jennison-Wright (wood preserving); East St. Louis, IL
5	53	Du Quoin Gas Plant (coal tar); Du Quoin, IL
5	54	East Chicago City Dump; East Chicago, IN
5	54	Energy Cooperative Incorporated; East Chicago, IN
5	54	Indiana Pallet, East Chicago, IN
5	54	U.S. Smelter and Lead Refinery, Inc., East Chicago, IN
5	55	Kerr-Mcgee; Reed-Keppler Park; West Chicago, IL
5	55	Kerr-Mcgee; Residential Areas; West Chicago, IL
5	55	Kerr-Mcgee; Sewage Treatment Plant; West Chicago IL
6	★ 56	Tar Creek Mining Site; Miami, OK
6	57	Texarkana Wood (wood preserving); Texarkana, TX
6	58	McBay Oil (petroleum); Grapeland, TX
6	59	Solvent Recovery Service (petroleum); Arcola, TX
6	60	State Marine (petroleum); Port Arthur, TX
6	61	Baldwin Waste Oil (petroleum/pesticides); Kingsville, TX
7	62	Oronogo-Duenweg Mining Belt; Jasper County, MO
7	63	Times Beach; MO
7	64	NGPCA-LETTS-199, HWY 61 3 1/2 MI; Columbus Junction, IA
8	65	Libby Groundwater (wood preserving); Libby, MT
8	66	Burlington Northern (PAHs); Somers, MT
8	67	Clark Fort River, MT
8	68	Montana Pole (wood preserving); Butte, MT
8	69	Anaconda Smelter Site; Deer Lodge County, MT
8	70	Rocky Mountain Arsenal; Commerce City, CO
9	71	Gambonini Mercury Mine; Petaluma, CA
9	72	Sulphur Bank Mercury Mine; Clearlake, CA
9	73	Frontier Fertilizer; Davis, CA
9	74	McCormick and Baxter; Stockton, CA
9	75	Aerojet General Corp.; Rancho Cordova CA
9	76	Carson River Mercury Site; Carson City, NV
9	77	Alameda Naval Station; Alameda, CA
9	Ⓢ 78	Mare Island Naval Shipyard; Vallejo, CA
9	79	San Francisco Bay; San Francisco Bay, CA
9	80	Lawrence Livermore National Laboratory; Livermore, CA
9	81	Edwards Air Force Base; Kern County, CA
9	82	Naval Weapons Station; Seal Beach, CA
9	83	Camp Navajo (DOD site); Bellemont, AZ
9	84	Vulture Mill (WQARF site); Wickenburg, AZ
9	85	Phoenix-area NPL Superfund site; Phoenix, AZ
9	85	Central Arizona Project Headquarters; Phoenix, AZ
9	85	GE Moreau Superfund Site; Phoenix, AZ
9	85	San Pedro River Mine; Tailings Site, AZ
9	86	Pinal Creek (WQARF site); Globe, AZ
9	87	Avra Valley, AZ
9	88	Klondyke Tailings (WQARF site); Klondyke, AZ
9	89	Farmer's Water Company; Sahuarita, AZ
9	90	City of Tucson Fuel Depot; Tucson, AZ
9	90	Raytheon Airforce Plant #44; Tucson, AZ
9	90	Silverbell Landfill (WQARF site); Tucson, AZ
9	90	El Camino del Cerro Landfill (WQARF site); Tucson, AZ
9	90	Broadway-Pantano Landfill; Tucson, AZ
9	90	Harrison Landfill; Tucson, AZ
9	90	Park - Euclid (WQARF site); Tucson, AZ
9	90	Page Ranch Landfill; Tucson, AZ
9	90	Olive Grove Aluminum Dross Project; Tucson, AZ
9	90	City of Tucson Fuel Depot; Tucson, AZ
9	90	Harrison Landfill; Tucson, AZ
9	90	Mission Linen (State Superfund site); Tucson, AZ
9	90	Tucson International Airport (TIAA); Tucson, AZ
9	90	Silverbell Post Office; Tucson, AZ
9	90	Saginaw Hill Mine Tailings Site, Tucson, AZ
9	91	Broken Hill; San Manuel, AZ
9	92	Apache Powder; Benson, AZ

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Activities at Hazardous Waste Sites *(continued)*

EPA Region	Map Key	
9	93	Pacific Gas and Electric Company Natural Gas Compressor Stations at Hinkley, CA and Topock, AZ
10	94	Lake Union (coal tar); Seattle, WA
10	94	Lower Duwamish River Site; Seattle, WA
10	94	Harbor Island (mixed industrial); Seattle, WA
10	94	Eagle Harbor (wood preserving); Seattle WA
10	94	Coal Creek (PCBs); Seattle, WA
10	95	Fort Lewis (Landfill No. 5); Tahoma, WA
10	95	Time Oil; Tahoma, WA
10	96	East Gate Disposal Yard; Fort Lewis, WA
10	97	Wyckoff/Eagle Harbor; Bainbridge Island, WA
10	98	Western Processing; Kent, WA
10	99	Vancouver; Vancouver, WA
10	100	Portland Harbor; Portland, OR
10	101	Lower Coeur d’Alene River; Coeur d’Alene, ID
10	101	Coeur d’Alene Groundwater Contamination; Coeur d’Alene, ID
10	102	Silver Valley; Silver Valley, ID
10	103	Idaho National Engineering Lab.; Idaho Fall, ID
10	104	Fort Lewis Logistics Center; Tillicum, WA
10	105	Commencement Bay, Near Shore/Tide Flats - Hylebos Waterway; Tacoma, WA
10	106	Duwamish Waterway, WA

SBRP Multiproject Grantees

EPA Region	Map Key	
1	1	Dartmouth College
1	2	Boston University
1	3	Brown University
2	4	Columbia University
4	5	University of Kentucky
4	6	Duke University
4	7	University of North Carolina-Chapel Hill
5	8	Michigan State University
7	9	University of Iowa
9	10	University of California-Davis
9	11	University of California-Berkeley
9	12	University of California-San Diego
9	13	University of Arizona
10	14	University of Washington

SBIR Grantees

EPA Region	Map Key	
5	1	Orbital Technologies Corporations; Madison, Wisconsin
7	2	Microvi Biotech, LLC; Headquarters: Overland Park, Kansas.
4	3	Southern Sun Biosystems, Inc.

R01 Grantees

EPA Region	Map Key	
1	1	Northeastern University
2	2	Stony Brook University – SUNY
2	3	New York University School of Medicine
9	4	Arizona State University
3	5	University of Maryland-Baltimore County
3	6	University of Delaware
4	7	Medical University of South Carolina
4	8	University of Florida
5	9	University of Cincinnati (Bishop)
5	9	University of Cincinnati (Oerther)
6	10	Louisiana State University
6	11	University of Texas – Austin
7	12	University of Missouri – Rolla
9	13	Stanford University
9	14	University of California-Merced

Collaborating Institutions

EPA Region Map Key

Boston University

- 1 8 Alternatives for Community & Environment; Boston, MA
- 1 8 Toxics Action Center; Boston, MA
- 1 8 University of Massachusetts; Boston, MA
- 1 10 Occupational & Rehabilitation, Inc.; Hingham, MA
- 1 11 Woods Hole Oceanographic Institute; Woods Hole, MA
- 2 31 SUNY Upstate Medical University; Syracuse, NY
- 4 23 Duke University; Durham, NC
- 4 23 North Carolina State University; Raleigh, NC
- 7 37 University of Missouri-Rolla; Rolla, MO
- 9 41 San Francisco State University; San Francisco, CA

Brown University

- 1 9 RI. Department of Environmental Management; Providence, RI
- 1 9 RI. Department of Health Office of Environmental Risk Assessment; Providence, RI
- 1 9 State of Rhode Island: Women's and Infant Hospital; Providence, RI
- 1 9 Technic, Inc.; Cranston, RI

Columbia University

- 1 3 Maine Geological Survey; Augusta, ME
- 1 3 United States Geological Survey; Augusta, ME
- 1 6 University of New Hampshire; Durham, NH
- 1 7 Center for Environmental Health Sciences at Dartmouth College; Hanover, NH
- 2 14 NY State Psychiatric Institute; NY, NY
- 2 14 Queens College-CUNY; Flushing, NY
- 2 14 Barnard College; NY, NY
- 2 15 Princeton University; Princeton, NJ
- 3 18 Duquesne University; Pittsburgh, PA
- 9 34 United States Geological Survey, CA
- A 55 Université Paul Cézanne; Marseilles, France
- A 59 Dhaka University; Dhaka, Bangladesh
- A 59 Columbia University Project Office and Study Site; Dhaka and Arahazar, Bangladesh

Dartmouth College

- 1 8 Harvard University, Cambridge, MA
- 1 8 U.S. EPA Region 1; Boston, MA
- 1 4 University of Connecticut; Storrs, CT
- 1 5 Mount Desert Island; Salisbury Cove, ME
- 1 6 Lampry Health Care; Newmarket, NH
- 1 12 NH Department of Environmental Services; Portsmouth, NH
- 1 21 Montshire Museum of Science; Norwich, VT
- 3 26 The National Cancer Institute; Bethesda, MD
- 5 1 University of Chicago; Chicago, IL
- 5 32 Purdue University; West Lafayette, IN

Duke University

- 1 11 Woods Hole Oceanographic Institute; Woods Hole, MA
- 2 15 Princeton University; Princeton, NJ
- 4 23 Icoria, Inc. (Formerly Paradigm Genetics); Research Triangle Park, NC
- 4 23 North Carolina State University; Raleigh, NC
- 4 23 U.S. EPA; Research Triangle Park, NC
- 5 29 University of Wisconsin; Madison, WI
- 5 30 Northwestern University; Evanston, IL

Michigan State University

- 2 15 Rutgers University; New Brunswick, NJ
- 3 19 Virginia Commonwealth University; Richmond, VA
- 4 22 University of Louisville School of Medicine; Louisville, KY
- 4 23 CIIT Centers for Health Research; Research Triangle Park, NC
- 5 32 Purdue University; West Lafayette, IN
- 9 16 California Institute of Technology; Pasadena, CA
- A 53 Yonsei University; Seoul, Korea

University of Arizona

- 3 18 University of Pittsburgh; Pittsburgh, PA
- A 57 Centro de Investigaciones Biologicas; Madrid, Spain

University of California at Davis

- 9 39 Lawrence Livermore National Laboratory; Livermore, CA

University of California Berkeley School of Public Health

- 2 14 Cornell University, Ithaca, NY
- 4 23 University of North Carolina; Chapel Hill, NC
- 4 23 NCI; Research Triangle Park, NC
- 4 27 Centers for Disease Control; Atlanta, GA
- 9 40 Lawrence Berkeley National Laboratory; Berkeley, CA
- 9 41 University of California; San Francisco, CA
- 9 42 Ciperger; Fremont, CA
- 10 47 University of Washington; Seattle, WA
- A 61 University of New South Wales; Sydney, Australia

University of California at San Diego

- 9 44 The Scripps Research Institute; San Diego, CA
- 9 44 San Diego Supercomputer Center; San Diego, CA

University of Iowa

- 4 20 University of Kentucky; Lexington, KY
- 5 1 University of Illinois; Chicago, IL
- 5 24 University of Illinois-UC; Urbana-Champaign, IL

University of North Carolina at Chapel Hill

- 1 2 The Jackson Laboratory; Bar Harbor, ME
- 2 14 New York University; New York, NY
- 3 17 University of Pennsylvania; Philadelphia, PA
- 4 23 CIH, CIIT, CHR; Research Triangle Park, NC
- 5 33 NIOSH and CDC and Prevention; Cincinnati, OH

- 6 25 Texas Tech University Health Science Center; Lubbock, TX
- 10 49 Oregon State University; Corvallis, OR

University of Washington

- 2 13 Wentworth Center, Center for Genetics; Albany, NY
- 5 28 Mayo Clinic; Rochester, MN
- 9 43 University of California; Riverside, CA
- 10 47 Battelle Center for Public Health Research and Evaluation; Seattle, WA
- 10 47 Fred Hutchinson Cancer Research Center; Seattle, WA
- 10 47 National Marine Fisheries Services; Seattle, WA
- 10 47 VA Hospital; Seattle, WA
- A 51 University of British Columbia; Vancouver, BC, Canada
- A 56 University of Lisbon; Lisbon, Portugal