

DARPA FY2020

Aerojet Rocketdyne Inc. (Huntsville, AL)

- Glide Breaker program, base period of work → work in Huntsville, AL (46%); Sacramento, CA (29%); Orange, VA (14%); Healdsburg, CA (8%); Sunnyvale, CA (3%); relevant contract # HR001120C0030; 10 Feb 2020

Agile Defense Inc. (Reston, VA)

- unclassified IT services for DARPA in Arlington, VA; HR0011-15-F-0002; 2 June 2020

Analog Photonics LLC (Boston, MA)

- Modular Optical Aperture Building Blocks (MOABB) research program; HR0011-16-C-0108; 10 Sep 2020

Applied Physical Sciences Corp. (Groton, CT)

- R&D of undersea sensing systems → Groton, CT (60%); Woburn, MA (20%); Arlington, VA (7%); Pawcatuck, CT (4%); Northridge, CA (3%); Waltham, MA (3%); Orange, CA (2%); Concord, MA (1%); HR0011-20-C-0100; 15 May 2020
- support a DARPA research program; HR001120C0138; 21 Jul 2020
- work on the Sea Train program, phase 1: develop and demonstrate approaches to overcome the range limitations inherent in medium unmanned surface vessels by exploiting wave-making resistance reductions → Hunt Valley, MD (43%); Groton, CT (26%); Hanover, MD (23%); Concord, MA (5%); Arlington, VA (1%); Reading, MA (less than 1%); Jeanerette, LA (less than 1%); San Diego, CA (less than 1%); HR0011-20-C-0152; 10 Sep 2020

Aurora Flight Sciences Corp. (Manassas, VA)

- Control of Revolutionary Aircraft with Novel Effectors (CRANE) program → Manassas, VA (50%); Tucson, AZ (26%); St. Louis, MO (15%); Los Angeles, CA (9%); HR0011-19-S-0072; 19 June 2020

Battelle Memorial Institute (Columbus, OH)

- R&D of a networked sensor to detect and identify biological weapons of mass destruction in support of the SIGMA+ program → Columbus, OH (60%); Cambridge, MA (40%); HR0011-19-C-0019; 24 Jan 2020

Blue Canyon Technologies Inc. (Boulder, CO)

- Blackjack Track B (Bus), phases 2 and 3; HR0011-20-C-0094; 10 June 2020

Booz Allen Hamilton (McLean, VA)

- enterprise support services; HR0011-16-F-0005; 27 Mar 2020

Bright Ceramic Technologies Inc. (Palo Alto, CA)

- a DARPA research project; HR0011-20-C-0102; 30 Apr 2020

CACI Inc. - Federal (Chantilly, VA)

- design, develop, and validate system prototypes for a combined arms squad; paid for w DARPA funds; 9 Dec 2019
 - o the contracting activity = Army Contracting Command, Aberdeen Proving Ground, MD (W912CG-20-C-0004)

Chenega Infinity LLC (Chantilly, VA)

- physical security support services for DARPA in Arlington, VA; HR0011-18-C-0151; 3 Dec 2019
- physical security support services for DARPA in Arlington, VA; HR0011-18-C-0151; 30 Sep 2020

Cole Engineering Services Inc. (Orlando, FL)

- a DARPA research project for the Secure Advanced Framework for Simulation and Modeling (SAFE-SiM) program → Orlando, FL (65%); Austin, TX (35%); HR0011-20-C-0144; 25 Aug 2020

Galois Inc. (Portland, OR)

- a research project under the Securing Information for Encrypted Verification and Evaluation (SIEVE) program¹; HR0011-20-C-0085; 17 Apr 2020

¹ SIEVE aims to “use zero knowledge proofs to enable the verification of capabilities relevant to [DOD] without revealing the sensitive details associated with those capabilities.”

General Dynamics Mission Systems (San Antonio, TX)

- classified IT services at DARPA; HR0011-16-C-0001; 20 Dec 2019

HRL Laboratories LLC (Malibu, CA) [HRL Labs is Boeing and General Motors]

- a Phase 2 Millimeter-wave GaN Maturation (MGM) project; HR0011-19-C-0006; 8 Sep 2020

Kitware Inc. (Clifton, NY)

- a research project under the Semantic Forensics (SemaFor) program² → Clifton Park, NY; Corvallis, OR; and at university labs in New York, NY, Albany, NY, Tempe, AZ, Urbana, IL, Ann Arbor, MI; HR0011-20-C-0123; 29 July 2020

L3Harris (Colorado Springs, CO)

- a research project for the Secure Advanced Framework for Simulation and Modeling (SAFE-SiM) program³ → Colorado Springs, CO (23%); Arlington, TX (25%); Round Rock, TX (18%); Camden, NJ (13%); Chantilly, VA (8%); Culver City, CA (7%); Clifton Park, NY (6%); HR0011-20-C-0145; 11 Sep 2020

Lockheed Martin (Grand Prairie, TX)

- design, develop and validate system prototypes for a combined arms squad; paid for using DARPA funds; 11 Dec 2019
 - o contracting activity = Army Contracting Command, Aberdeen Proving Ground, MD (W912CG-20-C-0005)
- support the Operational Fires Integrated Weapon System program, phase 3 → Grand Prairie, TX (68%); Huntsville, AL (21%); Toledo, OH (5%); Elkton, WV (5%); Kirkland, WA (less than 1%); Camden, AR (less than 1%); HR001120C0038; 10 Jan 2020
 - o *For more information, see Lockheed Martin's press release: <https://news.lockheedmartin.com/2020-01-15-DARPA-Awards-Lockheed-Martin-Hypersonic-OpFires-Phase-3-Contract>*
- development, building, integration, assembly, testing, and checkout of propulsion components for the Stage 2 section of the hypersonic missile, Operational Fires Integrated Weapon System, phase 3 → Camden, AR (50%); Huntsville, AL (45%); Orange, VA (5%); HR0011-20-C-0038; 17 Jul 2020

Lockheed Martin (Cherry Hill, NJ)

- Manta Ray program, phase 1; R&D and demonstration of the Manta Ray extra-large unmanned underwater vehicle → Cherry Hill, NJ (30%); West Palm Beach, FL (52%); Hauppauge, NY (3%); Nikayuna, NY (2%); Somerville, MA (2%); Cambridge, MA (1%); Honolulu, HI (2%); Albuquerque, NM (1.5%); Melbourne, FL (1%); Thousand Oaks, CA (4%); Seattle, WA (.5%); Golden, CO (1 %); HR0011-20-C-0050; 21 Feb 2020

Lockheed Martin RMS (Riviera Beach, FL)

- support a DARPA program; HR0011-20-C-0139; 17 Jul 2020

Mercury Defense Systems Inc. (Cypress, CA)

- additional in-scope work on a DARPA research project; HR0011-18-C-0133; 2 July 2020

Northrop Grumman Systems Corp. (Baltimore, MD)

- the base period of a research project for hypersonic boost glide systems; HR0011-20-CO-0054; 10 July 2020

Northrop Grumman Systems Corp. (Redondo Beach, CA)

- the Glide Breaker program, base period; R&D and demonstrate a technology that "is critical for enabling an advanced interceptor capable of engaging maneuvering hypersonic threats in the upper atmosphere" → Redondo Beach, CA (73%); Mesa, AZ (21%); Sacramento, CA (4%); Huntsville, AL (2%); HR0011-19-S-0008; 24 Jan 2020

² The SemaFor program aims to "develop methods that exploit semantic inconsistencies in falsified media to perform tasks across media modalities and at scale." A 23 July 2020 contract adds: SemaFor "will develop technologies to automatically detect, attribute and characterize falsified, multi-modal media assets (e.g., text, audio, image, video) to defend against large-scale, automated disinformation attacks."

³ "SAFE-SiM seeks to build a government owned and controlled, faster-than-real time modeling and simulation environment. This capability would enable rapid analysis supporting senior-level decisions for concept of operations development, force structure composition, resource allocation and targeted technology insertion." A 25 Aug 2020 contract to Radiance Technologies for work on SAFE-SiM adds: SAFE-SiM "seeks to build a government-owned and controlled, faster-than-real time modeling and simulation (M&S) capability..." This capability "would enable rapid analysis supporting senior-level decisions for concept of operations development, force structure composition, resource allocation and targeted technology insertion."

PAR (Rome, NY)

- a research project under the Semantic Forensics (SemaFor) program; HR0011-20-C-0126; 17 June 2020

Perspecta Labs Inc. (Basking Ridge, NJ)

- a research project under Fast Network Interface Cards (FastNICs) program; FastNICs aims to “speed up applications such as the distributed training of machine learning classifiers by 100x through the development, implementation, integration and validation of novel, clean-slate network subsystems”; HR0011-20-C-0090; 5 May 2020

RadiaBeam Technologies LLC (Santa Monica, CA)

- DARPA's Gamma Ray Inspection Technology (GRIT) program → Santa Monica, CA (80%); Menlo Park, CA (9%); Los Angeles, CA (7%); Paris, France (4%); HR0011-20-C-0072; 20 Mar 2020
 - o In Phase I, RadiaBeam Technologies “proposes a Laser-Compton approach for meeting GRIT program objectives and carrying out relevant system demonstrations.”

Radiance Technologies Inc. (Huntsville, AL)

- research project for the SAFE-SiM program [see footnote 3] → work in Huntsville, AL (50%); Cambridge, MA (14%); Albuquerque, NM (13%); Chantilly, VA (12%); San Diego, CA (6%); Rome, NY (5%); HR0011-20-C-0146; 25 Aug 2020

Raytheon BBN Technologies (Arlington, VA)

- develop concepts for a heterogeneous underwater network; work includes reconfigurable architecture that “leverages advancement in undersea communications and autonomous ocean systems” for sea demonstrations with prototypes; procured via a DARPA broad agency announcement solicitation published on the Federal Business Opportunities website, but the contracting activity is Naval Information Warfare Center Pacific, San Diego, CA; N66001-20-C-4006; 5 Mar 2020

Raytheon BBN Technologies Corp. (Cambridge, MA)

- a DARPA research project under the Fast Network Interface Cards (FastNIC) program, which “will speed up applications such as the distributed training of machine learning classifiers by 100 times through the development, implementation, integration and validation of novel, clean-slate network subsystems” → Cambridge, MA; Seattle, WA; HR0011-20-C-0089; 11 June 2020

Raytheon (Tucson, AZ)

- a DARPA research project; HR0011-19-C-0008; 31 July 2020
- work on Multi-Azimuth Defense Fast Intercept Round Engagement System (MAD-FIRES) program; during the 27-month phase 3 part, the Raytheon team “will focus on seeker development and performance”; Raytheon proposes to enhance “the successful Phase 2 projectile and develop a functional demonstration illuminator and engagement manager to engage and defeat a representative surrogate target” → Tucson, AZ (95%); Chelmsford, MA (2%); McKinney, TX (3%); HR0011-15-C-0081; 31 Aug 2020

Stanford University (Stanford, CA)

- a research project to study “the securing of our national internet infrastructure using measurement, control, and verification for closed-loop control of networks”, a.k.a. the Pronto project⁴ → Stanford, CA (17%); Menlo Park, CA (68%); Ithaca, NY (8%); Princeton, NJ (7%); HR001120C0107; 22 May 2020

SA Photonics Inc. (Los Gatos, CA)

- Blackjack Track A (Payload) phases 2 & 3 → Los Gatos, CA (89%); Redwood City, CA (11%); HR001120C0095; 9 June 2020

Soar Technology Inc. (Ann Arbor, MI)

- the Urban Reconnaissance through Supervised Autonomy (URSA) program, phase 2: R&D and demonstration of the URSA improvement of vehicle autonomy → Ann Arbor, MI (64%); Clifton Park, NY (25%); Hampton, VA (8%); Lowell, MA (3%); HR0011-18-S-0036; 30 Sep 2020

⁴ Pronto “will research the creation and deployment of a network, to include 5G, under verifiable closed-loop control as an exemplar for others in government, industry, and education to replicate”.

SRI International (Menlo Park, CA)

- a research project under the Semantic Forensics (SemaFor) program → work in Menlo Park, CA; Baltimore, MD; Buffalo, NY; Pittsburgh, PA; HR0011-20-C-0124; 23 July 2020

Stealth Software Technologies Inc. (Los Angeles, CA)

- a research project under the SIEVE program (see footnote 1) → Los Angeles, CA (71%); Evanston, IL (5%); College Station, TX (5%); Ann Arbor, MI (5%); Burlington, VT (5%); Rochester, NY (9%); HR001120C0087; 30 Apr 2020

Strategic Analysis Inc. (Arlington, VA)

- engineering, artificial intelligence and machine learning, social science, chemistry, physics, mathematics, materials and front office technical and administrative support services for DARPA; HR0011-19-F-0101; 17 Sep 2020

The Research Foundation for the State University of New York (SUNY), on behalf of SUNY Polytechnic Institute (Albany, NY)

- a research project under the Lasers for Universal Microscale Optical Systems (LUMOS) program → Albany, NY (48%); Santa Barbara, CA (21%); Boston, MA (26%); Greensboro, NC (5%); HR0011-20-C-0142; 14 Sep 2020
 - o LUMOS “will enable efficient on-chip optical gain to highly capable integrated photonics platforms and enable complete photonics functionality on a single substrate for disruptive optical microsystems.”

System High Corp. (Chantilly, VA)

- program security services for DARPA in Arlington, VA; HR0011-17-F-0001; 10 Mar 2020

Systems and Technology Research (Woburn, MA)

- develop a binary structure inference system to extract software properties from binary code to support repository-based reverse engineering for micro-patching that minimizes lifecycle maintenance and sustainment costs; a DARPA project via Naval Information Warfare Center Pacific, San Diego, CA (N66001-20-C-4019); 1 July 2020

S2 Corp. (Bozeman, MT)

- DARPA project to prototype and demonstrate a broadband, electro-magnetic spectrum receiver system → Bozeman, MT (85%); Goleta, CA (9%); Boulder, CO (4%); Clarksville, MD (2%); DARPA via Naval Information Warfare Center Atlantic, Charleston, SC; N65236-20-C-8019; 26 Aug 2020

Two Six Labs LLC (Arlington, VA)

- additional work under a DARPA research project; HR0011-18-C-0134; 18 Feb 2020

revolutionary new treatment approaches for spinal cord injuries that integrate injury stabilization, regenerative therapy, and functional restoration

The University of California (Davis, CA)

- develop revolutionary new treatment approaches for spinal cord injuries that integrate injury stabilization, regenerative therapy and functional restoration → work at contractor facilities in Lausanne, Switzerland (28%); Vancouver, British Columbia, Canada (23%); Davis, CA (14%); Richardson, TX (14%); Geneva, Switzerland (9%); Columbus, OH (6%); San Francisco, CA (3%); San Diego CA (3%); 30 Sep 2020
 - o For DARPA via Naval Information Warfare Center, Pacific, San Diego, CA (N66001-20-2-4046)

Johns Hopkins University (Baltimore, MD)

- develop revolutionary new treatment approaches for spinal cord injuries that integrate injury stabilization, regenerative therapy and functional restoration → contractor’s facilities in Baltimore, MD (63%); Laurel, MD (17%); NY, NY (10%); Bothell, WA (10%); 30 Sep 2020
 - o For DARPA via Naval Information Warfare Center, Pacific, San Diego, CA (N66001-20-2-4075)

The University of Pittsburgh (Pittsburgh, PA)

- develop revolutionary new treatment approaches for spinal cord injuries that integrate injury stabilization, regenerative therapy and functional restoration → contractor’s facilities in Pittsburgh, PA (37%); Goose Creek, SC (35%); Philadelphia, PA (28%); 30 Sep 2020
 - o For DARPA via Naval Information Warfare Center, Pacific, San Diego, CA (N66001-20-C-4050)

DARPA's Open, Programmable, Secure 5G (OPS-5G)

The OPS-5G program aims to "create open source software and systems enabling secure 5G and subsequent secure mobile networks such as 6G." The program is developing "a portable standards-compliant network stack for 5G mobile that is open source and secure by design."

Georgia Tech Applied Research Corp. (Atlanta, GA)

- a research project under the Open, Programmable, Secure 5G (OPS-5G) program → Atlanta, GA; **Chania, Crete, Greece**; McLean, VA; HR0011-20-C-0155; 30 Sep 2020

Kryptowire LLC (McLean, VA)

- a research project under the OPS-5G program → VA (McLean, Blacksburg, Fairfax); HR0011-20-C-0154; 8 Sep 2020

LGS Innovations LLC (Florham Park, NJ)

- a research project under the OPS-5G program → Florham Park, NJ; Columbia, MD; Herndon, VA; Ithaca, NY; Pittsburgh, PA; Murray Hill, NJ; San Diego, CA; HR0011-20-C-0159; 25 Sep 2020

Perspecta Labs Inc. (Basking Ridge, NJ)

- a research project under the OPS-5G program → Basking Ridge, NJ; Princeton, NJ; Los Angeles, CA; HR001120C00160; 29 Sep 2020
- a research project under the OPS-5G program → Basking Ridge, NJ; Blacksburg, VA; Irvine, CA; HR0011-20-C0-0156; 30 Sep 2020

SRI International (Menlo Park, CA)

- a research project under the OPS-5G program; HR0011-20-C-0158; 25 Sep 2020

The University of Southern California (Marina del Rey, CA)

- a research project under the OPS-5G program → Marina del Rey, CA; Monroe, LA; Newark, NJ; HR0011-20-C-0157; 15 Sep 2020