

DEFENSE INTELLIGENCE AGENCY

WASHINGTON, D.C. 20340-5100



JAN 1 6 2019

U-18-2148/FAC-2A1 (FOIA)

Mr. Steven Aftergood Federation of American Scientists 1112 16th Street NW, Suite 400 Washington, DC 20036

Dear Mr. Aftergood:

This responds to your Freedom of Information Act (FOIA) request, dated August 15, 2018, that you submitted to the Defense Intelligence Agency (DIA) for information concerning *a copy* of the list that was recently transmitted to Congress of all DIA products produced under the Advanced Aerospace Threat and Identification Program contract. I apologize for the delay in responding to your request. DIA continues its efforts to eliminate the large backlog of pending FOIA requests.

A search of DIA's systems of records located (1) document (5 pages) responsive to your request. Upon review, I have determined that some portions of the document must be withheld in part from disclosure pursuant to the FOIA. The withheld portions are exempt from release pursuant to Exemption 6 of the FOIA, 5 U.S.C. § 552 (b)(6). Exemption 6 applies to information which if released would constitute an unwarranted invasion of the personal privacy of other individuals.

If you are not satisfied with my response to your request, you may contact the DIA FOIA Requester Service Center, as well as our FOIA Public Liaison at 301-394-5587.

Additionally, you may contact the Office of Government Information Services (OGIS) at the National Archives and Records Administration to inquire about the FOIA mediation services they offer. You may contact OGIS by email at <u>ogts@nara.gov</u>; telephone at 202-741-5770, toll free at 1-877-684-6448 or facsimile at 202-741-5769; or you may mail them at the following address:

Office of Government Information Services National Archives and Records Administration 8601 Adelphi Road-OGIS College Park, MD 20740-6001 You may also exercise your right to file an administrative appeal by writing to the address below and referring to case number 0239-2018. Your appeal must be postmarked no later than 90 days after the date of this letter.

Defense Intelligence Agency 7400 Pentagon ATTN: FAC-2A1 (FOIA) Washington, D.C. 20301-7400

Sincerely,

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Brian L. Jenkins Chief, Records Management and Information Services

Enclosure

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L-18-0001/OCC1

JAN 09 2018

The Honorable John McCain Chairman The Honorable Jack Reed Ranking Member Committee on Armed Services United States Senate 228 Russell Senate Office Building Washington, DC 20510

Dear Chairman McCain and Ranking Member Reed.

(U/FOUO) Based on interest from your staff regarding the Defense Intelligence Agency (DIA)'s role in the Advanced Aerospace Threat and Identification Program (AATIP) please find attached a list of all products produced under the AA1IP contract for DIA to publish. The purpose of AATIP was to investigate foreign advanced aerospace weapon threats from the present out to the next 40 years.

(1 1000) There are 38 reports associated with DIA's involvement in the program documented in the list. All are UNCLASSIFIED//FOR OFFICIAL USE ONLY except for attachment 37 which is a SECRET//NOFORN version of attachment 38 *State of the Art and Evolution of High Energy Laser Weapons*. All are available for Congressional staff access on the Capitol Network (CapNet) except for attachments 12 and 15, respectively titled *Field Effects on Biological Tissues* and *An Introduction to the Statistical Drake Equation*. We are also happy to provide them directly upon request

(U) Should you have any questions, please contact my Congressional Operations Lead, (b)(6)

Sincerely (hristine Lannisi Chie

DIA Congressional Relations Division

CC:

Majority Leader, US Senate Speaker, US House of Representatives Minority Leader, US Senate Minority Leader, US House of Representatives Majority Whip, US Senate Minority Whip, US Senate Majority Whip, US House of Representatives Minority Whip, US House of Representatives House Armed Services Committee House Permanent Select Committee on Intelligence Senate Select Committee on Intelligence Subcommittee on Defense, Senate Appropriations Committee Subcommittee on Defense, House Appropriations Committee

(U) List of Attachments

- 1. Inertial Electrostatic Confinement Fusion, Dr. George Miley, Univ. Of Illinois (Product is classified UNCLASSIFIED//FOR OFFICIAL USE ONLY)
- Advanced Nuclear Propulsion for Manned Deep Space Missions, Dr. F. Winterberg, Univ. of Nevada – Reno (Product is classified UNCLASSIFIED//FOR OFFICIAL USE ONLY)
- Pulsed High-Power Microwave Technology, Dr. James Wells, JW Enterprises (Product is classified UNCLASSIFIED//FOR OFFICIAL USE ONLY)
- Space Access, Dr. P. Czysz, HyperTech (Product is classified UNCLASSIFIED//FOR OFFICIAL USE ONLY)
- Advanced Space Propulsion Based on Vacuum (Spacetime Metric) Engineering, Dr. Hal Puthoff, EarthTech International (Product is classified UNCLASSIFIED//FOR OFFICIAL USE ONLY)
- BioSensors and BioMEMS, Dr. Bruce Towe, Univ. of Arizona (Product is classified UNCLASSIFIED//FOR OFFICIAL USE ONLY)
- Invisibility Cloaking, Dr. Ulf Leonhardt, Univ. of St. Andrews (Product is classified UNCLASSIFIED//FOR OFFICIAL USE ONLY)
- 8. Traversable Wormholes, Stargates, and Negative Energy, Dr. Eric Davis, EarthTech International (Product is classified UNCLASSIFIED//FOR OFFICIAL USE ONLY)
- High-Frequency Gravitational Wave Communications, Dr. Robert Baker, GravWave (Product is classified UNCLASSIFIED//FOR OFFICIAL USE ONLY)
- 10. Role of Superconductors in Gravity Research, Dr. George Hathaway, Hathaway Consulting (Product is classified UNCLASSIFIED//FOR OFFICIAL USE ONLY)
- 11. Antigravity for Aerospace Applications, Dr. Eric Davis, EarthTech International (Product is classified UNCLASSIFIED//FOR OFFICIAL USE ONLY)
- Field Effects on Biological Tissues, Dr. Kit Green, Wayne State Univ. (Product is classified UNCLASSIFIED//FOR OFFICIAL USE ONLY)
- Positron Aerospace Propulsion, Dr. Gerald Smith, Positronics Research (Product is classified UNCLASSIFIED//FOR OFFICIAL USE ONLY)

- 14. Concepts for Extracting Energy from the Quantum Vacuum, Dr. Eric Davis, EarthTech International (Product is classified UNCLASSIFIED//FOR OFFICIAL USE ONLY)
- An Introduction to the Statistical Drake Equation, Dr. Claudio Maccone, International Academy of Astronautics (Product is classified UNCLASSIFIED//FOR OFFICIAL USE ONLY)
- Maverick Inventor Versus Corporate Inventor, Dr. George Hathaway, Hathaway Consulting (Product is classified UNCLASSIFIED//FOR OFFICIAL USE ONLY)
- Biomaterials, Dr. Bruce Towe, Univ. of Arizona (Product is classified UNCLASSIFIED//FOR OFFICIAL USE ONLY)
- Metamaterials for Aerospace Applications, Dr. G. Shvets, Univ. of Texas Austin (Product is classified UNCLASSIFIED//FOR OFFICIAL USE ONLY)
- Warp Drive, Dark Energy, and the Manipulation of Extra Dimensions, Dr. R. Obousy, Obousy Consultants (Product is classified UNCLASSIFIED//FOR OFFICIAL USE ONLY)
- 20. Technological Approaches to Controlling External Devices in the Absence of Limb-Operated Interfaces, Dr. R. Genik, Wayne State Univ. (Product is classified UNCLASSIFIED//FOR OFFICIAL USE ONLY)
- 21. Materials for Advanced Aerospace Platforms, Dr. J. Williams, Ohio State Univ. (Product is classified UNCLASSIFIED//FOR OFFICIAL USE ONLY)
- Metallic Glasses, Dr. T. Hufnagel, John Hopkins Univ. (Product is classified UNCLASSIFIED//FOR OFFICIAL USE ONLY)
- Aerospace Applications of Programmable Matter, Dr. W. McCarthy, Programmable Matter Corporation (Product is classified UNCLASSIFIED//FOR OFFICIAL USE ONLY)
- 24. Metallic Spintronics, Dr. M. Tsoi, Univ. of Texas Austin (Product is classified UNCLASSIFIED//FOR OFFICIAL USE ONLY)
- 25. Space-Communication Implications of Quantum Entanglement and Nonlocality, Dr. J. Cramer, Univ. of Washington (Product is classified UNCLASSIFIED//FOR OFFICIAL USE ONLY)

- 26. Aneutronic Fusion Propulsion I, Dr. V. Teofilo, Lockheed Martin (Product is classified UNCLASSIFIED//FOR OFFICIAL USE ONLY)
- 27. Cockpits in the Era of Breakthrough Flight, Dr. G. Millis, Tau Zero (Product is classified UNCLASSIFIED//FOR OFFICIAL USE ONLY)
- Cognitive Limits on Simultaneous Control of Multiple Unmanned Spacecraft, Dr. R.Genik, Wayne State Univ. (Product is classified UNCLASSIFIED//FOR OFFICIAL USE ONLY)
- Detection and High Resolution Tracking of Vehicles at Hypersonic Velocities, Dr. W. Culbreth, Univ. of Nevada – Las Vegas (Product is classified UNCLASSIFIED//FOR OFFICIAL USE ONLY)
- Aneutronic Fusion Propulsion II, Dr. W. Culbreth, Univ. Of Nevada Las Vegas (Product is classified UNCLASSIFIED//FOR OFFICIAL USE ONLY)
- 31. Laser Lightcraft Nanosatellites, Dr. E. Davis, EarthTech International (Product is classified UNCLASSIFIED//FOR OFFICIAL USE ONLY)
- Magnetohydrodynamics (MHD) Air Breathing Propulsion and Power for Aerospace Applications, Dr. S. Macheret, Lockheed Martin (Product is classified UNCLASSIFIED//FOR OFFICIAL USE ONLY)
- Quantum Computing and Utilizing Organic Molecules in Automation Technology, Dr. R. Genik, Wayne State Univ. (Product is classified UNCLASSIFIED//FOR OFFICIAL USE ONLY)
- 34. Quantum Tomography of Negative Energy States in the Vacuum, Dr. E. Davis, EarthTech International (Product is classified UNCLASSIFIED//FOR OFFICIAL USE ONLY)
- 35. Ultracapacitors as Energy and Power Storage Devices, Dr. J. Golightly, Lockheed Martin (Product is classified UNCLASSIFIED//FOR OFFICIAL USE ONLY)
- 36. Negative Mass Propulsion, Dr. F. Winterberg, Univ. of Nevada Reno (Product is classified UNCLASSIFIED//FOR OFFICIAL USE ONLY)
- 37. State of the Art and Evolution of High Energy Laser Weapons, J. Albertine, Directed Technologies (Product is classified SECRET//NOFORN)
- 38. State of the Art and Evolution of High Energy Laser Weapons, J. Albertine, Directed Technologies (Product is classified UNCLASSIFIED//FOR OFFICIAL USE ONLY)