

DoD Component Decision Matrix to Inform Fundamental Research Proposal Mitigation Decisions

This document provides: factors to inform fundamental research assistance mitigation decisions, key definitions, reference materials, and corresponding implementation guidance for DoD Components making fundamental research project proposal award decisions.

DoD Components shall conduct an annual verification in accordance with Section 10632(a)(1) of the CHIPS and Science Act of 2022 (Public Law 117-167) to confirm that each participant listed on the Research Performance Progress Report (RPPR) is not a participant in a malign foreign talent recruitment program meeting any of the criteria in Section 10638(4)(A)(i)-(ix) of the CHIPS and Science Act of 2022.

DoD Components shall provide to the Office of the Under Secretary of Defense for Research and Engineering (OUSD(R&E)), on a semiannual basis, summaries of all risk-based security reviews, including the number of reviews conducted, the number of fundamental research project proposals rejected based on risk-based security review, and descriptions of the research security risks that led to the rejection of each rejected proposal. The OUSD(R&E) will change the frequency with which DoD Components must update these summaries as necessary to maintain adequate visibility into DoD Component usage of Table 1 for fundamental research proposal mitigation decisions.

Actions prohibited by law:

- Beginning August 9, 2024, the DoD is prohibited from providing funding to or making an award of a fundamental research project proposal in which a covered individual is participating in a malign foreign talent recruitment program or to a proposing institution that does not have a policy addressing malign foreign talent programs pursuant to Section 10632 of the CHIPS and Science Act of 2022.
- Beginning in Fiscal Year (FY) 2024, no U.S. institution of higher education that hosts a Confucius Institute may receive DoD funding unless the institution of higher education has been issued a waiver by the Secretary of Defense pursuant to Section 1062 of the William M. (Mac) Thornberry National Defense Authorization Act for FY 2021.

A covered individual's collaborations with international researchers, including researchers from foreign countries of concern, does not require mitigation if it does not include any of the factors described in Table 1 (below). Table 1 identifies collaboration factors as a relationship (e.g., co-authorship) with individuals or entities, regardless of country, that are known to engage in practices and behaviors that increase the likelihood that research and development efforts or results will be misappropriated to the detriment of national or economic security, as well as related violations of research integrity, and foreign government interference. International collaboration is an important mechanism for participating in the global scientific commons and promoting progress in fundamental research.

Table 1: Decision Matrix to Inform Fundamental Research Proposal Mitigation Decisions
Factors for Assessing a Covered Individual’s Associations, Affiliations, Collaborations, Funding, and the Policies of the Proposing Institution that Employs the Covered Individual

	Factor 1: Foreign Talent Recruitment Programs	Factor 2: Funding Sources	Factor 3: Patents	Factor 4: Entity Lists
Prohibited factors	<p>For the Period after 9 Aug 2024</p> <p>Indicators of participation in a malign foreign talent recruitment program (MFTRP) meeting any of the criteria in Sec. 10638(4)(A)(i)-(ix) of the CHIPS and Science Act of 2022.</p> <p>Policy of Proposing Institution employing the covered individual does not prohibit participation in a MFTRP.</p>			
Factors discouraged by DoD policy, mitigation measures required, rejection of proposal required if no mitigation possible	<p>For the period after 9 Aug 2022¹:</p> <p>Indicator(s)² of participation³ in a foreign talent recruitment program (FTRP) meeting any of the criteria in Sec. 10638(4)(A)(i)-(ix) of the CHIPS and Science Act of 2022.</p>	<p>Indicator(s) that the covered individual is currently receiving funding from a Foreign Country of Concern (FCOC) or a FCOC-connected entity.</p>	<p>Patent application(s) or patent(s) not disclosed in proposal, that resulted from research funded by the U.S. Government (USG), that were filed in an FCOC prior to filing in the U.S. or filed on behalf of an FCOC-connected entity.</p>	<p>For the period after 9 Aug 2022:</p> <p>Indicator(s) of association with an entity on: the U.S. Bureau of Industry and Security (BIS) Entity List,⁴ the Annex of Executive Order (EO) 14032⁵ or superseding EOs, Sec. 1260H of the National Defense Authorization Act (NDAA) for FY 2021,⁶ or Sec. 1286 of the NDAA for FY 2019, as amended.⁷</p> <p>For the period after 10 Oct 2019:⁶:</p> <p>Indicator(s) of affiliation with an entity on: the U.S. BIS Entity List, the Annex of EO 14032 or superseding EOs, Sec. 1260H of the NDAA for FY 2021, or Sec. 1286 of the NDAA for FY 2019, as amended.</p>
Mitigation measures recommended	<p>For the period between 10 Oct 2019⁸ and 9 Aug 2022:</p> <p>Indicator(s) of participation in an FTRP meeting any of the criteria in Sec. 10638(4)(A)(i)-(ix) of the CHIPS and Science Act of 2022.</p> <p>For the period after 9 Aug 2022:</p>	<p>For the period between 10 Oct 2019 and 9 Aug 2022:</p> <p>Indicator(s) that the covered individual received funding from a FCOC or an FCOC-connected entity.</p>	<p>Patent application(s) or patent(s) disclosed in proposal, resulting from research funded by the USG, that were filed in an FCOC prior to filing in the U.S. or on behalf of an FCOC-connected entity.</p>	<p>For the period between 10 Oct 2019 and 9 Aug 2022:</p> <p>Indicator(s) of association with an entity on: the U.S. BIS Entity List, the Annex of EO 14032 or superseding EOs, Sec. 1260H of the NDAA for FY 2021, or Sec. 1286 of the NDAA for FY 2019, as amended.</p> <p>For the period prior to 10 Oct 2019:</p>

	Policy of proposing institution employing each covered individual does not prohibit participation in a MFTRP.			Indicator(s) of an affiliation with an entity on: the U.S. BIS Entity List, the Annex of EO 14032 or superseding EOs, Sec. 1260H of the NDAA for FY 2021, or Sec. 1286 of the NDAA for FY 2019, as amended.
Mitigation measures suggested	<p>For the period after 10 Oct 2019:</p> <p>Covered individual’s co-author(s)⁹ on publications in scientific and engineering (S&E) journals are participants in an MFTRP or an FTRP meeting any of the criteria in Sec. 10638(4)(A)(i)-(ix) of the CHIPS and Science Act of 2022.</p> <p>For the period prior to 10 Oct 2019:</p> <p>Indicator(s) of participation in a FTRP meeting any of the criteria in Sec. 10638(4)(A)(i)-(ix) of the CHIPS and Science Act of 2022.</p>	<p>For the period prior to 10 Oct 2019:</p> <p>Indicator(s) that the covered individual received limited or partial funding from a FCOC or an FCOC-connected entity.</p>	<p>Patent application(s) or patent(s) not disclosed in fundamental research project proposal, that resulted from research funded by the USG, that were filed in a non-FCOC prior to filing in the U.S. or on behalf of an entity in a non-FCOC.</p> <p>Co-patent applicant with a person on the U.S. BIS Denied Persons List.¹⁰</p>	<p>For the period after 10 Oct 2019:</p> <p>Covered individual’s co-author(s) on publications in S&E journals are affiliated with an entity on: the U.S. BIS Entity List, the Annex of EO 14032 or superseding EOs, Sec. 1260H of the NDAA for FY 2021, or Sec. 1286 of the NDAA for FY 2019, as amended.</p> <p>Covered individual is a co-author on a publication in an S&E journal with a person on the U.S. BIS Denied Persons List.</p> <p>For the period prior to 10 Oct 2019:</p> <p>Indicator(s) of association with an entity on: the U.S. BIS Entity List, the Annex of EO 14032 or superseding EOs, Sec. 1260H of the NDAA for FY 2021, or Sec. 1286 of the NDAA for FY 2019, as amended.</p>
No mitigation needed	<p>No indicator(s) of participation in an MFTRP; or</p> <p>No indicator(s) of participation in an FTRP meeting any of the criteria in Sec. 10638(4)(A)(i)-(ix) of the CHIPS and Science Act of 2022.</p>	<p>No indicator(s) that the covered individual is receiving or has received funding from an FCOC or an FCOC-connected entity.</p>	<p>All patent application(s) or patent(s), resulting from research funded by the USG, have been filed in the U.S. prior to filing in any other country.</p>	<p>No indicator(s) of any association or affiliation with an entity on: the U.S. BIS Entity List, the Annex of EO 14032, or superseding EOs, Sec. 1260H of the NDAA for FY 2021, Sec. 1286 of the NDAA for FY 2019, as amended, and no indicator(s) of publication in S&E journals co-authored with an individual on the U.S. BIS Denied Persons List.</p>

Note 1: The level of mitigation needed is elevated if any of the disclosed or identified indicators occurred after the signing of the CHIPS and Science Act of 2022.

Note 2: An indicator may reveal or acknowledge undue foreign influence. Examples include foreign funding or foreign affiliations revealed in proposal disclosures, publications, curriculum vitae (CV), institution website announcements, or social media posts.

Note 3: Participation may be identified by a contract between the covered individual and an FTRP, reported by the covered individual in the fundamental research project proposal or on a CV or resume, or identification in an acknowledgement in a publication listing the covered individual and an FTRP.

Note 4: An addition to the U.S. BIS Entity List is active on or after the Federal Register citation date provided on the U.S. BIS Entity List.

Note 5: EO 14032, “Addressing the Threat from Securities Investments That Finance Certain Companies of the People’s Republic of China,” dated June 3, 2021 (superseding EO 13959) bans new U.S. investment in of certain communist military companies (CCMCs). The DoD maintains and updates lists of CCMCs for the purposes of compliance with EO 14032.

Note 6: The Notice of Designation of Chinese Military Companies under section 1260H of the NDAA for FY 2021 is published in the Federal Register (86 FR 33994), effective 28 June 2021.

Note 7: The List of Institutions of the People's Republic of China, Russian Federation, and Other Countries with Specified Characteristics under section 1286 of the NDAA for FY 2019, as amended, is published at <https://rt.cto.mil/stpp/mta/>

Note 8: The level of mitigation need is elevated if any of the disclosed or identified indicators occurred after publication of the Under Secretary of Defense for Research and Engineering (USD(R&E)) Griffin Letter to Academia, dated 10 Oct 2019.

Note 9: Co-authorship is identified as a category where mitigation is suggested when a covered individual is collaborating with entities or persons associated with factors listed in this matrix and should not be a basis for rejection of a fundamental research project proposal.

Note 10: Individuals on the U.S. BIS Denied Persons List are active between the effective date and the expiration date provided on the U.S. BIS Denied Persons List.

Definitions

Affiliation: Academic (not including undergraduate or graduate students), professional, or institutional appointments or positions with a foreign government or a foreign government-connected entity, whether full-time, part-time, or voluntary (including adjunct, visiting, post-doctoral appointment, or honorary), where monetary reward, non-monetary reward, or other quid-pro-quo obligation is involved.

Association: Academic (not including undergraduate or graduate students), professional, or institutional appointments or positions (including adjunct, visiting, voluntary, post-doctoral appointment, or honorary) with a foreign government or a foreign government-connected entity where no monetary reward, non-monetary reward, or other quid-pro-quo is involved.

Applied Research: Original scientific investigation undertaken in order to acquire new knowledge and directed primarily towards a specific practical aim or objective.

Basic Research: Experimental or theoretical work undertaken primarily to acquire new knowledge of the underlying foundations of phenomena and observable facts.

Confucius Institute: As defined in Section 1062(d) of the NDAA for FY 2021, a Confucius Institute is a cultural institute funded either directly or indirectly by the Government of the People's Republic of China. A cultural institute does not need to be named a "Confucius Institute" to be deemed to be a Confucius Institute.

Covered Individual: An individual at an extramural research institution who contributes significantly to the design and/or execution of a fundamental research project that is, or if selected for award would be, funded, in whole or in part, by the DoD, and who is considered essential to the successful performance of the fundamental research project. Covered individuals include those listed as key personnel in fundamental research project proposals, such as the principal investigator or co-principal investigators.

DoD Component: A Military Department, Defense Agency, DoD field activity, or organization within the Office of the Secretary of Defense.

Entity: An organization, including government organizations, non-governmental organizations, and private corporations, whether foreign or domestic.

Entity in a Non-Foreign Country of Concern: An organization, including government organizations, non-government organizations, and private corporations, incorporated in a non-foreign country of concern or physically located in a non-foreign country of concern.

Extramural Research Institution: Any institution of higher education, independent research institution, Federally Funded Research and Development Center, or any other entity where DoD-funded research and development is conducted. Extramural research institutions do not include DoD laboratories or other laboratories that are owned and operated by the Federal Government.

Foreign Country of Concern: The People's Republic of China, the Democratic People's Republic of Korea, the Russian Federation, and the Islamic Republic of Iran.

Foreign Entity of Concern: As defined in Section 10638(3) of the CHIPS and Science Act of 2022 (Public Law 117-167), a foreign entity that is:

- Designated as a foreign terrorist organization by the Secretary of State under Section 219(a) of the Immigration and Nationality Act (8 U.S.C. 1189(a));
- Included on the list of specially designated nationals and blocked persons maintained by the Office of Foreign Assets Control of the Department of the Treasury (commonly known as the SDN List);

- Owned by, controlled by, or subject to the jurisdiction or direction of a government of a foreign country that is a covered nation (as such term is defined in Section 4872 of Title 10, United States Code);
- Alleged by the Attorney General to have been involved in activities for which a conviction was obtained under:
 - Chapter 37 of title 18, United States Code (commonly known as the Espionage Act)
 - Section 951 or 1030 of Title 18, United States Code (U.S.C);
 - Chapter 90 of Title 18, U.S.C. (commonly known as the Economic Espionage Act of 1996);
 - The Arms Export Control Act (22 U.S.C. 2751 et seq.);
 - Section 224, 225, 226, 227, or 236 of the Atomic Energy Act of 1954 (42 U.S.C. 2274, 2275, 2276, 2277, and 2284);
 - The Export Control Reform Act of 2018 (50 U.S.C. 4801 et seq.); or
 - The International Emergency Economic Powers Act (50 U.S.C. 1701 et seq.); or
- Determined by the Secretary of Commerce, in consultation with the Secretary of Defense and the Director of National Intelligence, to be engaged in unauthorized conduct that is detrimental to the national security or foreign policy of the United States.

Foreign Government-Connected Entity: An organization, including government organizations, non-governmental organizations, and private corporations, owned or operated directly or indirectly by a foreign government.

Foreign Talent Recruitment Program: As set forth in the National Science and Technology Council implementation guidance for National Security Presidential Memorandum 33, a foreign talent recruitment program is an effort organized, managed, or funded by a foreign government, or a foreign government instrumentality or entity, to recruit science and technology professionals or students (regardless of citizenship or national origin or whether providing the recruited individual a full-time or part-time position).

Fundamental Research: As defined in National Security Division Directive 189, dated September 21, 1985, fundamental research is basic and applied research in science and engineering conducted at colleges, universities, and laboratories, the results of which ordinarily are published and shared broadly within the scientific community.

Malign Foreign Talent Recruitment Program: As defined in Section 10638(4) of the CHIPS and Science Act of 2022 (Public Law 117-167), the term “malign foreign talent recruitment program” means:

- Any program, position, or activity that includes compensation in the form of cash, in-kind compensation, including research funding, promised future compensation, complimentary foreign travel, things of non de minimis value, honorific titles, career advancement opportunities, or other types of remuneration or consideration directly provided by a foreign country at any level (national, provincial, or local) or their designee, or an entity based in, funded by, or affiliated with a foreign country, whether or not directly sponsored by the foreign country, to the targeted individual, whether directly or indirectly stated in the arrangement, contract, or other documentation at issue, in exchange for the individual:
 - Engaging in the unauthorized transfer of intellectual property, materials, data products, or other nonpublic information owned by a United States entity or developed with a Federal research and development award to the government of a foreign country or an entity based in, funded by, or affiliated with a foreign country regardless of whether that government or entity provided support for the development of the intellectual property, materials, or data products;
 - Being required to recruit trainees or researchers to enroll in such program, position, or activity;
 - Establishing a laboratory or company, accepting a faculty position, or undertaking any other employment or appointment in a foreign country or with an entity based in, funded by, or

- affiliated with a foreign country if such activities are in violation of the standard terms and conditions of a Federal research and development award;
- Being unable to terminate the foreign talent recruitment program contract or agreement except in extraordinary circumstances;
- Through funding or effort related to the foreign talent recruitment program, being limited in the capacity to carry out a research and development award or required to engage in work that would result in substantial overlap or duplication with a Federal research and development award;
- Being required to apply for and successfully receive funding from the sponsoring foreign government's funding agencies with the sponsoring foreign organization as the recipient;
- Being required to omit acknowledgment of the recipient institution with which the individual is affiliated, or the Federal research agency sponsoring the research and development award, contrary to the institutional policies or standard terms and conditions of the Federal research and development award;
- Being required to not disclose to the Federal research agency or employing institution the participation of such individual in such program, position, or activity; or
- Having a conflict of interest or conflict of commitment contrary to the standard terms and conditions of the Federal research and development award; and
- A program that is sponsored by:
 - A foreign country of concern or an entity based in a foreign country of concern, whether or not directly sponsored by the foreign country of concern;
 - An academic institution on the list developed under Section 1286(c)(8) of the John S. McCain NDAA for FY 2019 (10 U.S.C. 2358 note; Public Law 115-232); or
 - A foreign talent recruitment program on the list developed under Section 1286(c)(9) of the John S. McCain NDAA for FY 2019 (10 U.S.C. 2358 note; Public Law 115-232).

Mitigation of Research Security Risk: The action of reducing the severity or the effects of research security risks identified in a fundamental research project proposal.

Participation in a Malign Foreign Talent Recruitment Program: Affiliation with or membership in a malign foreign talent recruitment program, including a contractual or other binding agreement between an individual and a malign foreign talent recruitment program; an individual reporting participation in a malign foreign talent program in a research proposal, curriculum vitae, or resume; or an individual's identification in a publication listing the individual and a malign foreign talent recruitment program.

Proposing Institution: An institution of higher education, independent research institution, Federally Funded Research and Development Center, or any other entity that submits a fundamental research project proposal for DoD Government funding, in whole or in part.

Research and Development: The creative and systematic work undertaken to increase the stock of knowledge and to devise new applications of available knowledge. This includes, but is not limited to, research in economics, education, linguistics, medicine, psychology, physical sciences, social sciences, statistics, and research involving human subjects or animals regardless of the funding appropriation used to support it.

Fundamental Research Project Proposal: A proposal for funding to be provided to an individual or entity, in whole or in part, by a Federal research agency to carry out fundamental research activities through grants, cooperative agreements, contracts, and other transactions.

Research Integrity: The standards of research that promote objective research with collaborations that are open, transparent, merit-based, and reciprocal in nature. Research collaborations conducted with integrity are

expected to disclose all financial and time obligations of the persons involved in the research, hire individuals or recruit students to participate in the research based on merit, and respect rules governing intellectual property.

Research Security Risk: An increased likelihood that research and development efforts or results will be misappropriated to the detriment of national or economic security, as well as related violations of research integrity and foreign government interference.

Distribution Statement A: Approved for public release. DOPSR case #24-T-2146 applies. Distribution is unlimited.

Introduction to FY23 Lists Published in Response to Section 1286 of the National Defense Authorization Act for Fiscal Year 2019 (Public Law 115-232), as amended.

This document is the Department of Defense's FY23 update to the list of foreign institutions engaging in problematic activity as described in Section 1286, as amended, of the National Defense Authorization Act for Fiscal Year 2019. The Department also reaffirms the FY22 list of foreign talent programs that pose a threat to national security, as required in Section 1286. Updating the Section 1286 lists is an important continuing effort in highlighting and countering mechanisms of unwanted technology transfer to foreign countries of concern. Caution is advised for any researcher or institution engaging with institutions on this list. The full lists are on the following pages.

Distribution Statement A: Approved for public release. DOPSR case #24-T-2146 applies. Distribution is unlimited.

FY23 Lists Published in Response to Section 1286 of the National Defense Authorization Act for Fiscal Year 2019 (Public Law 115-232), as amended.

Table 1: List of Institutions in the People's Republic of China, Russian Federation, and Other Countries with Specified Characteristics

Academy of Military Medical Sciences (AMMS)
Academy of Military Medical Sciences, Field Blood Transfusion Institution
Academy of Military Medical Sciences, Institute of Basic Medicine
Academy of Military Medical Sciences, Institute of Bioengineering
Academy of Military Medical Sciences, Institute of Disease Control and Prevention a.k.a. <ul style="list-style-type: none">• Disease Control and Prevention Institute
Academy of Military Medical Sciences, Institute of Health Service and Medical Information
Academy of Military Medical Sciences, Institute of Hygiene and Environmental Medicine
Academy of Military Medical Sciences, Institute of Medical Equipment
Academy of Military Medical Sciences, Institute of Microbiology and Epidemiology a.k.a. <ul style="list-style-type: none">• Institute of Microbial Epidemiology
Academy of Military Medical Sciences, Institute of Radiation and Radiation Medicine a.k.a. <ul style="list-style-type: none">• Institute of Radiation and Radiation Medicine• Institute of Electromagnetic and Particle Radiation Medicine
Academy of Military Medical Sciences, Institute of Toxicology and Pharmacology a.k.a. <ul style="list-style-type: none">• Institute of Toxicology and Drugs
Academy of Military Medical Sciences, Military Veterinary Research Institute
Air Force Aviation University
Air Force Command College
Air Force Communication NCO Academy
Air Force Early Warning Academy
Air Force Engineering University
Air Force Harbin Flight Academy
Air Force Logistics College
Air Force Medical University
Air Force Shijianzhuang Flight Academy
Air Force Xi'an Flight Academy
Army Academy of Armored Forces
Army Academy of Artillery and Air Defense
Army Academy of Border and Coastal Defense
Army Aviation Academy

Army Command College
Army Engineering University
Army Infantry College
Army Institute of NBC Defence
Army Logistic University
Army Medical University
Army Military Transportation University
Army Special Operations Academy
ATR Defense S&T Key Laboratory of Intelligent Information Processing at Shenzhen University
Beijing Aeronautical Manufacturing Technology Research Institute (BAMTRI) a.k.a. <ul style="list-style-type: none"> • Aviation Industry Corporation of China's (AVIC) Institute 625
Beijing Computational Science Research Center (BCSRC) a.k.a. <ul style="list-style-type: none"> • Beijing Computing Science Research Center • CSRC
Beijing Institute of Technology
Beijing University of Aeronautics and Astronautics (BUAA) a.k.a. <ul style="list-style-type: none"> • Beihang University
Beijing University of Posts and Telecommunications (BUPT)
Center for High Pressure Science and Technology Advanced Research (HPSTAR) a.k.a. <ul style="list-style-type: none"> • Beijing High Voltage Research Center
Chinese Academy of Engineering Physics (CAEP) a.k.a. <ul style="list-style-type: none"> • Ninth Academy • Southwest Computing Center • Southwest Institute of Applied Electronics • Southwest Institute of Chemical Materials • Southwest Institute of Electronic Engineering • Southwest Institute of Environmental Testing • Southwest Institute of Explosives and Chemical Engineering • Southwest Institute of Fluid Physics • Southwest Institute of General Designing and Assembly • Southwest Institute of Machining Technology • Southwest Institute of Materials • Southwest Institute of Nuclear Physics and Chemistry (a.k.a., China Academy of Engineering Physics' (CAEP) 902 Institute) • Southwest Institute of Research and Applications of Special Materials Factory • Southwest Institute of Structural Mechanics • The High Power Laser Laboratory, Shanghai • The Institute of Applied Physics and Computational Mathematics, Beijing

<ul style="list-style-type: none">• 901 institute
Chinese Academy of Sciences – Institute of Computing Technology <ul style="list-style-type: none">• Institute of Computing Technology Chinese Academy of Sciences• Institute of Computing Technology• CAS ICT• ICT CAS
Chinese Academy of Sciences - Shenyang Institute of Automation
Dalian Naval Academy
Defense S&T Key Laboratory of Antennas and Microwave Technology at Xidian University <ul style="list-style-type: none">• National Key Laboratory of Science and Technology on Antennas and Microwaves• (Xidian) Antenna Institute• Key Laboratory of Antenna and Microwave Technology• National Key Laboratory of Antenna and Microwave Technology• Antennas and Microwave Technology Key Laboratory of National Defense• Defense S&T Key Laboratory of Antennas and Microwave Technology• Science and Technology on Antenna and Microwave Laboratory• State Key Laboratory of Antennas and Microwave Technology• National Laboratory of Antennas and Microwave Technology• National Key Laboratory of Science and Technology on Antenna and Microwave
Defense S&T Key Laboratory of Electronic Measurement Technology at North University of China <ul style="list-style-type: none">• Defense S&T Key Laboratory of Signal Detection• Key Laboratory of Signal Detection• National Key Laboratory for Electronic Measurement Technology• State Key Laboratory for Electronic Measurement Technology• Key Laboratory for Electronic Measurement Technology• Defense Key Laboratory for Electronic Measurement Technology• China Electronics Technology Instruments Co., Ltd (CETI) Key Laboratory for Electronic Measurement Technology• CETC 41st RI Key Laboratory for Electronic Measurement Technology• North University of China Key Laboratory for Electronic Measurement Technology• North University of China School of Instrument and Electronics Key Laboratory for Electronic Measurement Technology• North University of China School of Electronics and Computer Science & Technology Key Laboratory for Electronic Measurement Technology
Defense S&T Key Laboratory of High-Power Semiconductor Lasers at Changchun University of Science and Technology <ul style="list-style-type: none">• State Key Laboratory of High Power Semiconductor Laser of Changchun University of Science and Technology• State Key Laboratory on High-Power Semiconductor Lasers

<ul style="list-style-type: none"> • National Key Laboratory on High Power Semiconductor Laser • Key Laboratory on High Power Semiconductor Laser • Defense Key Laboratory on High Power Semiconductor Laser
<p>Defense S&T Key Laboratory of Lightweight, High-strength Structural Materials at Central South University</p> <ul style="list-style-type: none"> • State Key Laboratory for Light Weight and High Strength Structural Materials • (Central South University) National Key Laboratory for High-strength Structural Materials • National Key Laboratory of Science and Technology for National Defence on High-strength Structural Materials • National Key Laboratory of Science and Technology for National Defence on High-strength Lightweight Structural Materials • Key Laboratory on High-strength Lightweight Structural Materials
<p>Defense S&T Key Laboratory of Multi-spectral Information Processing Technology at Huazhong University of S&T</p> <ul style="list-style-type: none"> • National Key Laboratory of Science and Technology on Multi-spectral Information Processing • National Key Laboratory of Multi-spectral Information Processing Technology • State Key Laboratory for Multispectral Information Processing Technologies
<p>Defense S&T Key Laboratory of Radar Signal Processing at Xidian University</p> <ul style="list-style-type: none"> • National Key Laboratory of Science and Technology on Radar Signal Processing • National Lab of Radar Signal Processing • Xidian Electronics Research Institute • National Key Laboratory of Radar Signal Processing • Key Laboratory for Radar Signal Processing • State Laboratory of Radar Signal Processing • National Laboratory of Radar Signal Processing
<p>Federal Autonomous Institution Central Institute of Engine-Building N.A. P.I. Baranov</p> <ul style="list-style-type: none"> • Central Institute of Aviation Motors • CIAM
<p>Federal Research Center Boreskov Institute of Catalysis</p>
<p>Federal State Budgetary Institution of Science P.I.K.A. Valiev RAS of the Ministry of Science and Higher Education of Russia a.k.a.</p> <ul style="list-style-type: none"> • FTIAN IM K.A.Valiev RAS • FTI RAS • FTIAN
<p>Federal State Budgetary Scientific Institution Research and Production Complex Technology Center</p> <ul style="list-style-type: none"> • Federalnoe Gosudarstvennoe Byudzhetnoe Nauchnoe Uchrezhdenie Nauchno-Proizvodstvenny Kompleks Tekhnologicheskiiy Tsentr - NPK Technological Center • NPKTS

<ul style="list-style-type: none"> • Scientific Manufacturing Complex Technological Center • SMC Technological Center
<p>Federal State Institution Federal Scientific Center Scientific Research Institute for System Analysis of the Russian Academy of Sciences</p> <ul style="list-style-type: none"> • Federalnoe Gosudarstvennoe Uchrezhdenie Federalnyy Nauchnyy Tsentr Nauchno-Issledovatel'skiy Institut Sistemnykh Issledovaniy Rossiyskoy Akademii Nauk • FGU FNTS NIISI RAN • FSI FSC SRISA RAS • Scientific Research Institute of System Analysis, Russian Academy of Sciences
<p>Federal State Unitary Enterprise All-Russian Research Institute of Physical, Technical and Radio Engineering Measurements</p> <ul style="list-style-type: none"> • VNIIFTRI
<p>Federal State Unitary Enterprise Central Scientific Research Institute of Chemistry and Mechanics</p> <ul style="list-style-type: none"> • CNIHM • Federalnoe Gosudarstvennoe Unitarnoe Predpriyatie Tsentralny Nauchno-Issledovatel'ski Institut Khimii I Mekhaniki • FGUP CNIIXM • FGUP TSNIKHM • FSUE CNIHM • FSUE TSNIKHM • GNTS RF FGUP TSNIKHM • State Research Center of the Russian Federation FGUP Central Scientific Research Institute of Chemistry and Mechanics • Tsentralny Nauchno-Issledovatel'skiy Institut Khimii I Mekhaniki, FGUP • TSNIKHM
Harbin Engineering University
Harbin Institute of Technology
Hefei National Laboratory for Physical Sciences at the Microscale
Information Engineering University
<p>Institute of High Energy Physics (IHEP) a.k.a.</p> <ul style="list-style-type: none"> • Kurchatovskiy Institute ITEP
<p>Institute of Physics Named After P.N. Lebedev of the Russian Academy of Sciences</p> <ul style="list-style-type: none"> • Lebedev Physical Institute • LPI RAS • FIAN
<p>Institute of Solid-State Physics of the Russian Academy of Sciences (ISSP) a.k.a.</p> <ul style="list-style-type: none"> • Institute of Solid-State Physics of the Academy of Sciences SSSR

<ul style="list-style-type: none"> • Federal State Budgetary Institution of Science Institute of Solid-State Physics N.A. Yu. A. Osipyanof the Russian Academy of Sciences
<p>Keldysh Institute of Applied Mathematics of the Russian Academy of Sciences</p> <ul style="list-style-type: none"> • Federalnoe Gosudarstvennoe Uchrezhdenie Federalny Issledovatel'ski Tsentri Institut Prikladnoi Matematiki I.M. Keldysha Rossiiskoi Akademii Nauk • IPM IM. M.V. Keldisha RAN • KIAM RAS
<p>Key Laboratory of Information Systems Engineering</p> <ul style="list-style-type: none"> • KLISE
<p>Luoyang Institute of Science and Technology</p> <ul style="list-style-type: none"> • Luoyang Institute of Technology
<p>Mabna Institute</p>
<p>Moscow Aviation Institute</p> <ul style="list-style-type: none"> • MAI
<p>Moscow Institute of Physics and Technology (MIPT) a.k.a.</p> <ul style="list-style-type: none"> • MFTI
<p>Moscow Order of the Red Banner of Labor Research Radio Engineering Institute JSC a.k.a.</p> <ul style="list-style-type: none"> • MNIRTI JSC
<p>Nanjing Institute of Astronomical Optics and Technology</p> <ul style="list-style-type: none"> • NIAOT
<p>Nanjing University of Aeronautics and Astronautics</p>
<p>Nanjing University of Science and Technology</p>
<p>National Defense University</p>
<p>National University of Defense Technology (NUDT) a.k.a.</p> <ul style="list-style-type: none"> • Central South CAD Center • CSCC • Hunan Guofang Keji University
<p>Naval Aviation University</p>
<p>Naval Command College</p>
<p>Naval Engineering University</p>
<p>Naval Medical University</p>
<p>Naval NCO School</p>
<p>Naval Service Academy</p>

Navy Submarine Academy
Northwestern Polytechnical University a.k.a. <ul style="list-style-type: none"> • Northwestern Polytechnic University • Northwest Polytechnic University • Northwest Polytechnical University
Ocean University of China
Rocket Force Command College
Rocket Force Engineering University
Rocket Force NCO School
Rzhanov Institute of Semiconductor Physics, Siberian Branch of Russian Academy of Sciences a.k.a. <ul style="list-style-type: none"> • IPP SB RAS • Institute of Semiconductor Physics IM A.V. Rzhanov
Siberian Scientific-Research Institute of Aviation N.A. S.A. Chaplygin <ul style="list-style-type: none"> • SibNIA
Sichuan University
Skolkovo Institute of Science and Technology <ul style="list-style-type: none"> • Autonomous Non-Profit Organization for Higher Education Skolkovo Institute of Science and Technology • Skolkovskiy Institut Nauki I Tekhnologii • Skoltech
Space Engineering University
Sun Yat-Sen University
Tactical Missile Corporation, Concern “MPO—Gidropribor” a.k.a. <ul style="list-style-type: none"> • Joint Stock Company Concern Sea Underwater Weapons Gidropribor • Research Institute “Gidpropridor”
Tactical Missile Corporation, Joint Stock Company GosNIIMash a.k.a. <ul style="list-style-type: none"> • PPORosprofprom V “GOSNIIMASH” • State Research Institute of Mechanical Engineering • Pervichnaya Profsoyuznaya Organizatsiya Rossiskogo Profsoyuza Rabotnikov Promyshlennosti V • “GOSNIIMASH” • Joint Stock Company “State Research Institute of Mechanical Engineering” named after V.V.Bakhirev” • SKB DNIKhTI
Tianjin University

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University of Electronic Science and Technology of China

Distribution Statement A: Approved for public release. DOPSR case #24-T-2146 applies. Distribution is unlimited.

Table 2: Foreign Talent Programs that Pose a Threat to National Security Interests of the United States

Changjiang Scholar Distinguished Professorship
Hundred Talents Plan
Pearl River Talent Program
Project 5-100
River Talents Plan
Thousand Talents Plan
Any program that meets one of the criteria contained in section 10638(4)(A) and either sections 10638(4)(B)(i) or (ii) of the Creating Helpful Incentives to Produce Semiconductors and Science Act of 2022