

Department of Defense (DoD) National Defense Science and Engineering Graduate (NDSEG) Fellowship Program 2024 and 2025 Fellowship Classes Outreach Plan (CDRL A0002)

Contract No. FA9550-23-F-0014

PREPARED BY:



One Research Court Suite 360 Rockville, MD 20850 (301) 948-4232 www.sysplus.com

Version 1.1

For DoD NDSEG Program Official Use Only



DoD NDSEG Fellowship Program CDRL A0002 – Outreach Plan

Version Number	Implemented By	Revision Date	Approved By	Approval Date	Description of Change
1.0	Systems Plus	7/28/2023			Initial
1.1	Agnes Socrates	7/28/2023	Melissa Barnes	8/30/2023	Reviewed and approved for submission



Table of Contents

Intr	oduction	1
1.	Objective	1
2.	Approach	2
3.	Tactical Plan	2
4.	Program Timeline	3
5.	Additional Advertising Activities	3
6.	Specific DoD NDSEG Targeted Marketing Activities	4
	pendix A: College & Universities Recruitment/Advertisement DoD NDSEG Lis	
Арр	pendix B: Federally Funded Research & Development Centers (FFRDCs) List	. 1
Apr	pendix C: Social Media Hash Tag DoD NDSEG List	1



Introduction

The DoD National Defense Science and Engineering Graduate (NDSEG) Fellowship Program is a competitive fellowship that is awarded to U.S. citizens, U.S. nationals, and U.S. dual citizens who intend to pursue a Doctoral degree aligned to the DoD services Broad Agency Announcements (BAAs) in research and development at a U.S. institution of their choice. Since the program's inception, over 4,400 DoD NDSEG fellowships have been awarded and over 70,000 applications received. DoD plans to award between 150-350 new three-year graduate fellowships each fiscal year (subject to the availability of funds) to individuals who have demonstrated ability and special aptitude for advanced training in Science and Engineering. Our Outreach Plan outlines a comprehensive approach for contacting colleges, universities, and professional technical associations that will enhance the advertisement of the program to diverse technical audiences and groups of high-quality PhD candidates.

1. Objective

To recruit high-quality students (U.S. Citizens, U.S. Nationals, U.S. Dual Citizens) who intend to pursue a Doctoral degree at a U.S. Institution aligned to the following DoD Strategic Documents (e.g., BAA/FOAs) in research and development:

- 1. Aeronautical and Astronautical engineering
- 2. Artificial Intelligence and Machine Learning
- 3. Astrodynamics
- 4. Biomedical engineering
- 5. Biosciences (includes toxicology)
- 6. Biotechnology
- 7. Chemical engineering
- 8. Chemistry
- 9. Civil engineering
- 10. Cognitive, neural, and Behavioral Sciences
- 11. Computer and Computational Sciences
- 12. Cyber Sciences (to include "hard" networks, cybersecurity, disinformation)
- 13. Electrical Engineering
- 14. Geosciences (includes terrain, water, and air)
- 15. Materials Science and Engineering
- 16. Mathematics
- 17. Mechanical Engineering
- 18. Naval Architecture and Ocean Engineering (includes undersea systems)
- 19. Oceanography (includes ocean acoustics, remote sensing, and marine meteorology)
- 20. Physics (including optics)
- 21. Political, Economic, and Sociocultural Sciences
- 22. Quantum Science
- 23. Space physics



2. Approach

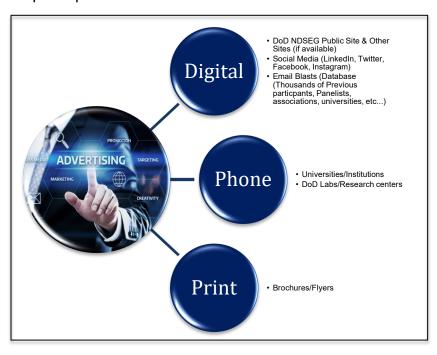
The DoD NDSEG Outreach Plan incorporates a combination of digital and print communications in order to reach the target population for advertising the DoD NDSEG Fellowship program (Academia/Industry/Government). Methods include targeted email blasts, program brochures, contact via phone, as well as the use of social media such as LinkedIn, Twitter, Facebook or similar. These communications platforms are integral components of our advertising, marketing, and promotional approach.

Social media is a powerful tool used to reach potential Fellows where they "reside." Social media platforms such as LinkedIn, Twitter and Facebook can be used to establish informal virtual networking groups, join existing science, technology, research & development networking groups. These tools can be effectively leveraged to invite program participants, former program participants, and other stakeholders to learn more about the program and share the program within their networks to rapidly increase awareness of the program and participation over time.

We will utilize multiple social media tools as they are a critical form of communication and an essential digital tool for reaching out and connecting with potential DoD NDSEG applicants.

2.1 Objective

Our goal will be to increase participation by underrepresented institutions by 5% annually. We will collect data from the previous awardees and applicants to determine specific fellow qualifications and



demographics and program requirements that may enhance our approach to advertising this program. We will use existing processes and tools (e.g., social media platforms) tailored for DoD NDSEG Fellowship recruitment and marketing where applicable.

3. Tactical Plan

Utilize Database/Email Blast Notifications

We will use an expansive database of higher education administrators, faculty, and NDSEG Fellows to communicate and advertise opportunities. This resource allows us to immediately begin advertising DoD NDSEG opportunities to a wide and diverse audience. Currently, there are over 4,300+ faculty who have access to qualified applicants nationwide and are also eligible to support the NDSEG program serving as Panelist.

Systems Plus will create and send e-mail blast notifications once a week throughout the



application period and post to Social Media ~1-2 times a week. Our database of potential qualified fellows and all newly added fellows will capture characteristics specifically relevant to the DoD NDSEG program (e.g., by institution type, educational level, targeted disciplines, or other determined criteria). Systems Plus will continuously review information in its database for accuracy and integrity to ensure for an effective advertising effort. We will also work on growing our database to increase our advertising footprint throughout each fellowship cycle.

Conduct Recruitment Activities

Based on past experience recruiting for a similar fellowship effort, we have determined that the best strategy for recruiting high caliber students is to make information available year-round through the program website and, when available for participation, informational webinars. To accommodate the maximum number of qualified fellows, we understand the necessity for volume while still retaining quality in recruiting efforts. Marketing techniques, including electronic materials and online advertising will direct candidates to the website and we will reach out to contacts from previous DOD NDSEG cohorts and other managed programs to promote DoD NDSEG opportunities.

Social Media Campaign

We utilize highly accessible social media techniques and strategies to provide information on opportunities, general communication, information sharing, and awareness building. To increase our social marketing presence and support our effort to engage the higher education community interested in DoD research and opportunities, we will utilize hashtags (Appendix C) either new or existing that identify a keyword or topic of interest relevant to the DoD NDSEG. This will enable posts to be indexed by a social network and become searchable/discoverable by users in a specified community and/or group with interest related to this program. Further, through social media, we will also strive to maintain an informed awardee/alumni support and partnership network.

4. Program Timeline

- The official advertising cycle for the DoD NDSEG program will commence August and continue through the end of the application period, November/December
- Annually, the application period will begin September 1st of each year and end on November 3rd of each year
- Opportunities for marketing and recruiting for the program will occur year-round.

5. Additional Advertising Activities

The advertising tactics will consist of the following "additional" activities, as requested, by the government or other stakeholders to identify, inform, assist, track, and provide followup as needed to potential applicants:

- Webinars
- Flyers
- Quarterly newsletters
- Brochures



6. Specific DoD NDSEG Targeted Marketing Activities

A representative sample listing of the Advertising Plan's outreach efforts is identified in the sections below.

6.1 College and Universities Recruitment/Advertisement List

A representative listing of colleges and universities is included in **Appendix A**. The list represents a diverse group of institutions, including a number of HBCU/MI/TCU/HSI members of the academy. The email blast that goes out advertising the DoD NDSEG contains over 4,300+ individual faculty names at the various colleges and universities who have access to qualified students pursuing graduate and doctoral degrees.

6.2 Professional Technical Association Recruitment/Advertisement List

We have an extensive network of professional technical association contacts that have been engaged on similar projects for other DoD entities. Outlined below are a representative list of associations that will be engaged:

National Society of Black Engineers (http://www.nsbe.org/Home.aspx)

Society of Hispanic Professional Engineers (http://www.shpe.org/)

Society of Women Engineers (http://societyofwomenengineers.swe.org/)

Institute of Electrical and Electronics Engineers (http://www.ieee.org/about/index.html)

Society of Military Engineers (http://same.org/)

National Society of Professional Engineers (http://www.nspe.org/)

Association for the Advancement of Artificial Intelligence (AAAI) (http://www.aaai.org/)

6.3 Federally Funded Research & Development Centers (FFRDCs) List

The federal government supports research and development (R&D) that is conducted by a wide variety of performers, including federally owned and operated laboratories, universities, private companies, and other research institutions (FFRDCs). We have listed FFRDCs as Appendix B which can provide the DoD NDSEG an additional outreach resource for government, industry, and academia.

6.4 HBCUs/MIs Recruitment/Advertisement List

We recognize that an important objective of the DoD NDSEG is to expand the participation of Fellows from HBCU/MIs and welcome and encourage diversity. Our objective is to seek applicants nationwide that effectively address individuals from historically underrepresented backgrounds. Those institutions where we will actively recruit and communicate with as part of our advertisement effort are marked with a "\scriv*" symbol in **Appendix A** as well as the resources listed below:

- Historically Black Colleges and Universities
 - Website: http://www.ed.gov/about/inits/list/whhbcu/edlite-list.html
- Hispanic Association of Colleges and Universities

Website: http://www.hacu.net/assnfe/CompanyDirectory.asp?STYLE=2&COMPANY TYPE=1,5

Society for Advancement of Chicanos and Native Americans in Science



Website: http://www.sacnas.org/

Their mission is "to encourage Chicano/Latino and Native American students to pursue graduate education and obtain the advanced degrees necessary for science research, leadership, and teaching careers at all levels."

Insight into Diversity (Affirmative Action Register)

Website: http://www.insightintodiversity.com/

List of institutions, organizations and companies who make extra effort to reach qualified candidates within all segments of society, with special effort to notify members of federally mandated groups of advertised position openings. Publication online is at no added charge with purchase of printed ad.

Big Ten Academic Alliance

Website: http://www.btaa.org/resources-for/students

Big Ten Academic Alliance universities have cooperated in the development of databases and collaborative communications for Ph.D.'s.

6.5 Office of the Secretary of Defense Initiatives

The DoD NDSEG Fellowship can work with OSD and DoD Service specific initiatives to tap into Defense Policy as it relates to science and engineering. This is also an opportunity to advertise and develop mentors for our young researchers to set them up for success as their careers mature.



Appendix A: College & Universities Recruitment/Advertisement DoD NDSEG List

Academic Institution	HBCU/MI
Alabama A&M University	√
Albany State University	<u> </u>
Alcorn State University	
Alvernia University	•
American University of Puerto Rico	√
American University, Washington D.C.	•
Arizona Western College	√
Arizona State University	•
Arkansas State University	√
Arkansas Technological University	<u> </u>
Atlanta Metropolitan State College	
Auburn University	V
Bakersfield College	√
Ball State	•
Barry University	√
Bard College at Simon's Rock	v
Baylor University	
Bay Mills Community College	√
Benedict College	✓
Bennett College	
Bethel University: Christian College	V
BethuneCookman University	
Binghamton University – State University of New York	V
Bluefield State College	
Bob Jones University	v
Boise State University	
Bowie State University	
Bowling Green State University	•
Bradley University	
Brescia University	
Brigham Young University	
Brown University	
Butler University	
Cal Poly Pomona	
California Polytechnic State University	
Cal State LA	,
California State University – Dominguez	√
California State University – Fullerton	
California State University – Long Beach	✓
California State University – Los Angeles	✓
California State University – Northridge	✓
California State University – Stanislaus	✓
Cameron University	
Case Western Reserve University	
Cedarville University	
Cedar Valley College	✓
Central Michigan University	



Academic Institution	HBCU/MI
Central State University	√
Cerritos	✓
Chaffey College	✓
Cheyney University	✓
Chicago State University	✓
Christopher Newport University	
Claflin University	✓
Clark Atlanta University	✓
Clarkson University	
Clayton State University	✓
Clemson University	
Cleveland State University	
College of the Desert	
College of New Jersey	
College of William & Mary	
Colorado School of Mines	
Colorado State University	
Concordia College	√
Contra Costa College	,
Coppin State University	√
Cornell University Delaware State University	
·	√
DePauw University Dillard University	,
Dine College	√
	√
Drexel University Duke University	
East West University	
Eastern Michigan University	V
Edward Waters College	√
Elizabeth City State University	√
EmbryRiddle Aeronautical University	V
Essex County College	/
Fairmont State University	√
Fairleigh Dickinson University	
FAMU FSU College of Engineering	
Fayetteville State University	
Fisk University	√
Florida A&M University	√
Florida Agricultural and Mechanical University	V
Florida Atlantic University	
Florida Gulf Coast University	
Florida Institute of Technology	
Florida International University	✓
Fort Lewis College	
Florida Memorial University	✓
Florida State University	
Fort Valley State University	✓
Fresno State	
	Annendix A



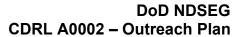


Academic Institution	HBCU/MI
George Mason University	TIDOO/IIII
George W. Woodruff School of Mechanical Engineering	
The George Washington University	
Georgia Institute of Technology	
Georgia Southern University	
Glenville State College	
Grambling State University	√
Georgia Tech	
Georgia Tech School of Physics	
Hampton University	√
Hanover College	•
HarrisStowe State University	
Harvard John A. Paulson School of Engineering and Applied Sciences	V
Haskill Indian Nations University	/
·	√
Hope College Howard University	,
<u> </u>	√
Hunter College	
HustonTilloston University	√
Indiana State University	
Indiana University	
Indiana University Bloomington	
Indiana University of Pennsylvania	
Indiana University – Purdue University Indianapolis	
Indiana Wesleyan University	
Inter American University, Aguadilla	√
InterAmerican University, Bayamon	✓
Iowa State University	
Jackson State University	✓
James Madison University	
Jarvis Christian College	✓
Jefferson Lab	
Johnson C. Smith University	✓
Kansas State University	
Kennesaw State University	
Kentucky State University	√
Kingsville Texas Southern University	√
Lane College	√
Langston University	-
,	√
Lamar University	
Lehigh University	,
Lehman College	√
LeTourneau University	
Lincoln University	√
Lincoln University of Missouri	✓
Little Big Horn	✓
Livingstone College	✓
Louisiana State University	
Louisiana State University and A&M College	
Louisiana Technological University	



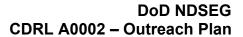


Marian University Indianapolis Marshall University Mansfield University of Pennsylvania	HBCU/MI
Marshall University Mansfield University of Pennsylvania	
Mansfield University of Pennsylvania	
M 11 ' '	
Mercer University	
Miami Dade College	<u>√</u>
Miami University	
Michigan Technological University	
Michigan State University Middle Tennessee State University	
	√
Miles College	✓
Mississippi State University	
Mississippi Valley State	
Mississippi Valley State University	√
Missouri University of Science and Technology	
Morehouse College	✓
Morgan State University	\checkmark
Morris College	√
Montclair State University	√
Morehead State University	•
North Carolina A&T State University	√
North Carolina Central University	
North Carolina State University	
North Carolina Wesleyan Collage	
New Jersey City University	√
New Jersey Institute of Technology (NJIT)	V
New Mexico Highlands University	√
New Mexico Tech	V
New Mexico State University	/
New York City College of Technology	✓
Norfolk State University	
<u> </u>	√
North Carolina A&T University	<u>√</u>
North Carolina Central University	✓
North Carolina State University at Raleigh	
North Dakota State University	
Northeastern University	
Northern Arizona University	✓
Northern New Mexico College	
Oakwood University	✓
Ohio State University	
Ohio University	
Oklahoma State University	
Oakland University	
Old Dominion University	,
Our Lady of the Lake University	✓
Paine College	✓
Penn State	
Perimeter College	
Purdue University	
Purdue University Fort Wayne	





Academic Institution Philander Smith College Prairie View A&M University Radford University Randolph-Macon College Regis University Rensselaer Polytechnic Institute Rice University Rochester Institute of Technology Rose-Hulman Institute of Technology	
Prairie View A&M University Radford University Randolph-Macon College Regis University Rensselaer Polytechnic Institute Rice University Rochester Institute of Technology	
Radford University Randolph-Macon College Regis University Rensselaer Polytechnic Institute Rice University Rochester Institute of Technology	
Randolph-Macon College Regis University Rensselaer Polytechnic Institute Rice University Rochester Institute of Technology	
Regis University Rensselaer Polytechnic Institute Rice University Rochester Institute of Technology	
Rensselaer Polytechnic Institute Rice University Rochester Institute of Technology	
Rice University Rochester Institute of Technology	
Rochester Institute of Technology	
D (0 II)	
Salish Kootenai College	
Saint Augustine's University	
San Diego State University	
San Francisco State University	
Santa Clara University	
Savannah State University	
Shaw University	
Shenandoah University	
Sinte Gleska University	
Simon Fraser University, Computing Science	
South Carolina State University	
South Dakota State University	
South Plains College	
Southeast Missouri State University	
Southeastern University	
Southern Illinois University	
Southern University	
Southern University and A&M College	
Southern University at New Orleans	
· · · · · · · · · · · · · · · · · · ·	
St. Augustine's College	
St. Edward's University	
St. Louis University	
St. Mary's College	
St. Mary's University - San Antonio, TX Stony Brook University, New York	
Steven's Institute of Technology	
-	
Sui Ross State University	
SUNY New Paltz - Division of Engineering Programs	
SUNY Polytechnic Institute	
Sweet Briar College	
Syracuse University Talladaga College	
Talladega College	
Temple University	
Tennessee State University	
Tennessee Technological University	
Texas A & M International	





Academic Institution	HBCU/MI
Texas A&M – Kingsville	TIBCO/WII
Texas A & M University	
•	√
Texas Tech University	√
Texas State University	✓
Texas Southern University	
The City College of New York	
Tohoma Community College	✓
Tougaloo College	✓
Tulane University	
Tuskegee University	√
UC Santa Cruz, Jack Baskin School of Engineering	
University Texas A & M University	√
University at Buffalo	•
University of Akron	
University of Alabama	
University of Alabama at Birmingham	
University of Alabama in Huntsville	
University of Alaska Anchorage	
University of Alaska Fairbanks, Geophysical Institute	
University of Arizona	√
University of Arkansas	V
University of Arkansas at Little Rock	
University of Arkansas at Pine Bluff	
University of California – Irvine	V
University of California – Riverside	
University of Central Florida	
University of Central Missouri	
University of Cincinnati	
University of Colorado – Colorado Springs	
University of Colorado – Colorado Springs University of Colorado – Boulder	
University of Colorado – Boulder University of Colorado – Denver	
University of Connecticut	
University of Dayton	
University of Delaware	
University of Evansville	
University of Florida	
University of Georgia	
University of Hawaii	
University of Houston	
University of Houston-Downtown	
•	√
University of Houston-Victoria	√
University of Idaho	
University of Illinois	
University of Illinois at Chicago	
University of Kansas	
University of Kentucky	
University of Louisiana at Lafayette	
University of Louisville	
University of Mary Washington	
University of Maryland	



University of Massachusetts Lowell University of Massachusetts Lowell University of Mischigan University of Minemolia University of Minemolia University of Minemolia University of Mischigan University of Miscouria University of Miscouria University of Miscouria t Columbia University of Miscouria t Columbia University of Miscouri at Columbia University of Miscouri at St. Louis University of Miscouri at St. Louis University of Miscouri at St. Louis University of Nelsouria t St. Louis University of Newada, Las Vegas University of Newada, Las Vegas University of Newada, Las Vegas University of New Mexico, New Mexico's Flagship University University of New Hexico, New Mexico's Flagship University University of New Orleans University of New Theoria University of North Carolina at Charlotte University of North Florida University of North Texas University of North Texas University of North Carolina University of South Alabama University of South Alabama University of South Carolina University of Texas at Arlington University of Texas at Dallas University of Texas at Dallas University of Texase as Chattanooga University of Tennessee at Chattanooga University of Texase as University of Texase as Martin University of Texase as University of Texase as Martin University of Texase - Austin University of Texase - Rio Grande Valley University of Texase - Rio Grande Valley University of Texase - Rio Grande Valley University of Texase - San Antonio The University of Texase - San Antonio The University of Texase - San Antonio University of Texase - Rio Grande Valley University of Vewenthida	Academic Institution	HBCU/MI
University of Memphis University of Michigan University of Michigan University of Michigan University of Missouri University of Missouri University of Missouri at Columbia University of Missouri at St. Louis University of Neisouri at St. Louis University of NewAexico University of New Mexico University of New Mexico University of New Mexico University of New Mexico, New Mexico's Flagship University University of New Orleans University of North Carolina at Charlotte University of North Florida University of North Florida University of North Florida University of Richmond University of Richmond University of San Antonio University of South Carolina University of South Carolina University of Southern Mississippi University of Texas at Dallas University of Texas at Dallas University of Texas at Dallas University of Tennessee at Knoxville University of Texas – Brownsville University of Texas – San Antonio The University of West Florida		i .
University of Memphis University of Minami University of Minami University of Minami University of Missouri University of Missouri at Columbia University of Missouri at Columbia University of Missouri at Columbia University of Missouri at St. Louis University of Missouri at St. Louis University of Nessouri at St. Louis University of Nessouri at St. Louis University of Nebraska-Lincoln University of Nevada, Las Vegas University of New Mexico University of New Mexico, New Mexico's Flagship University University of New Mexico, New Mexico's Flagship University University of New Mexico University of New Mexico Application of North Carolina at Charlotte University of North Florida University of North Florida University of North Carolina at Charlotte University of North Carolina University of South Alabama University of South Alabama University of South Carolina University of South Carolina University of South Carolina University of Souther Carolina University of Texas at Dallas University of Texas at Dallas University of Texas et Chattanooga University of Texas et Chattanooga University of Texas et Chattanooga University of Texas et Paso University of Texas – Rio Grande Valley University of Texas – Rio Grande Valley University of Texas – San Antonio The University of Texas – San Antonio The University of Wisconsin-Madison University of Wisconsin-Madison University of Wisconsin-Madison University of Wooming	<u> </u>	V
University of Michigan University of Minnesota University of Minnesota University of Missouri University of Missouri at Columbia University of Missouri at Columbia University of Missouri at Columbia University of Missouri at St. Louis University of Missouri at St. Louis University of Missouri at St. Louis University of Oklahoma University of Newada, Las Vegas University of New Mexico University of New Mexico University of New Mexico, New Mexico's Flagship University University of New Orleans University of North Carolina at Charlotte University of North Carolina at Charlotte University of North Carolina at Charlotte University of North Florida University of North Carolina at Charlotte University of South Alabama University of South Alabama University of South Carolina University of South Carolina University of South Carolina University of Souther Inorida University of Souther Inorida University of Souther Inorida University of Texas at Dallas University of Texas at Dallas University of Texas et Martin University of Tennessee at Knoxville University of Tennessee at Knoxville University of Tennessee at Martin University of Tennessee at Martin University of Tennessee at Martin University of Texas – El Paso University of Texas – El Paso University of Texas – San Antonio The University of Texas – San Antonio The University of West Florida	•	
University of Miami University of Missouri University of Missouri at Columbia University of Missouri at Columbia University of Missouri at Kansas City University of Missouri at St. Louis University of Nebraska-Lincoln University of NewAda, Las Vegas University of New Mexico University of New Mexico, New Mexico's Flagship University University of New Mexico, New Mexico's Flagship University University of New Hordina at Charlotte University of North Carolina at Charlotte University of North Florida University of North Texas University of North Carolina University of Richmond University of South Alabama University of South Carolina University of South Carolina University of South Florida University of Southern Mississippi University of Texas at Arlington University of Texas at Dallas University of Texas at Dallas University of Texas at Chattanooga University of Tennessee at Knoxville University of Tennessee at Knoxville University of Tennessee at Chattanooga University of Texas – Brownsville University of Texas – San Antonio The University of West Florida		
University of Missouri University of Missouri at Columbia University of Missouri at Columbia University of Missouri at Kansas City University of Missouri at Kansas City University of Missouri at St. Louis University of Missouri at St. Louis University of Nesouri at St. Louis University of Nesouri at St. Louis University of Nesouri at St. Louis University of New Alexac-Lincoln University of New Mexico University of New Mexico, New Mexico's Flagship University University of New Mexico, New Mexico's Flagship University University of New Hampshire University of New Hampshire University of North Carolina at Charlotte University of North Carolina at Charlotte University of North Florida University of North Dame University of South Richmond University of South Alabama University of South Carolina University of South Carolina University of South Florida University of South Florida University of Texas at Dallas University of Texas at Dallas University of Texas at Chattanooga University of Tennessee at Chattanooga University of Tennessee at Knoxville University of Tennessee at Knoxville University of Texas – Brownsville University of Texas – San Antonio The University of Texas – San Antonio The University of Texas – San Antonio The University of West Florida		
University of Missouri University of Missouri at Columbia University of Missouri at Columbia University of Missouri at Kansas City University of Neisouri at Kansas City University of Neisouri at St. Louis University of Nebraska-Lincoln University of Nebraska-Lincoln University of New Mexico University of New Mexico University of New Mexico, New Mexico's Flagship University University of New Corleans University of North Carolina at Charlotte University of North Florida University of North Florida University of North Florida University of North Carolina at Charlotte University of North Carolina University of South Alabama University of South Alabama University of South Carolina University of South Carolina University of South Florida University of Texas at Arlington University of Texas at Dallas University of Texas at Dallas University of Texas at Dallas University of Texas at Chattanooga University of Tennessee at Knoxville University of Tennessee at Knoxville University of Tennessee at Knoxville University of Texas - Brownsville University of West Florida		
University of Mississippi University of Missouri at Columbia University of Missouri at Kansas City University of Missouri at St. Louis University of Oklahoma University of Nebraska-Lincoln University of Nevada, Las Vegas University of New Mexico University of New Mexico University of New Mexico, New Mexico's Flagship University University of New Hampshire University of North Carolina at Charlotte University of North Florida University of North Texas University of North Forda University of Round University of South Alabama University of South Alabama University of South Florida University of South Florida University of South Florida University of South Florida University of Texas at Arlington University of Texas at Arlington University of Texas at Carlina University of Texas and Carlina University of West Florida		
University of Missouri at Kansas City University of Missouri at Kansas City University of Missouri at St. Louis University of Missouri at St. Louis University of Nelsouri at St. Louis University of Nevada, Las Vegas University of Nevada, Las Vegas University of New Mexico University of New Mexico, New Mexico's Flagship University University of New Orleans University of New Hampshire University of North Carolina at Charlotte University of North Florida University of North Florida University of North Texas University of Richmond University of South Alabama University of South Carolina University of South Carolina University of South Florida University of South Florida University of Texas at Arlington University of Texas at Arlington University of Texas at Dallas University of Tennessee Space Institute University of Tennessee at Knoxville University of Tennessee at Knoxville University of Texas – Austin University of Texas – Brownsville University of Texas – San Antonio The University of Texas – San Antonio The University of Mexaf Florida University of Texas – San Antonio The University of Mexaf Florida University of West Florida		
University of Missouri at St. Louis University of Missouri at St. Louis University of Oklahoma University of Nebraska-Lincoln University of New Mexico University of New Mexico University of New Mexico, New Mexico's Flagship University University of New Mexico University of New Hampshire University of North Carolina at Charlotte University of North Florida University of North Florida University of Roth Florida University of Roth Alabama University of San Antonio University of South Carolina University of South Carolina University of South Florida University of South Florida University of South Florida University of Texas at Arlington University of Texas at Arlington University of Texas at Arlington University of Texas at Chattanooga University of Tennessee at Chattanooga University of Tennessee at Chattanooga University of Texas - Austin University of Texas - Brownsville University of Texas - San Antonio The University of Texas - San Antonio The University of Texas - San Antonio The University of Wast Florida		
University of Missouri at St. Louis University of Oklahoma University of Nebraska-Lincoln University of New Mexico University of New Mexico University of New Mexico, New Mexico's Flagship University University of New Mexico, New Mexico's Flagship University University of New Hampshire University of North Carolina at Charlotte University of North Texas University of North Texas University of Richmond University of Richmond University of San Antonio University of South Carolina University of South Carolina University of South Carolina University of Southern Mississippi University of Texas at Arlington University of Texas at Charlotte University of Texas - Austin University of Texas - Brownsville University of Texas - El Paso Juniversity of Texas - San Antonio The University of Texas - San Antonio University of Wisconsin-Madison University of Wyoming	•	
University of Nebraska—Lincoln University of Nevada, Las Vegas University of New Mexico University of New Mexico, New Mexico's Flagship University University of New Orleans University of New Hampshire University of North Carolina at Charlotte University of North Florida University of North Florida University of North Carolina University of Richmond University of South Alabama University of South Alabama University of South Florida University of South Florida University of South Florida University of Souther Mississippi University of Texas at Arlington University of Texas at Arlington University of Texas et Chattanooga University of Tennessee at Chattanooga University of Tennessee at Chattanooga University of Tennessee at Martin University of Texas – Brownsville University of Texas – Brownsville University of Texas – San Antonio The University of West Florida University of West Florida University of West Florida University of West Florida University of Wooming		
University of Nebraska-Lincoln University of New Mexico University of New Mexico, New Mexico's Flagship University University of New Orleans University of New Hampshire University of North Carolina at Charlotte University of North Florida University of North Florida University of North Texas University of Richmond University of San Antonio University of San Antonio University of South Alabama University of South Carolina University of South Florida University of South Richmond University of South Richmond University of South Alabama University of South Salabama University of Texas at Arlington University of Texas at Arlington University of Texas at Arlington University of Tennessee Space Institute University of Tennessee at Chattanooga University of Tennessee at Chattanooga University of Tennessee at Martin University of Texas – Austin University of Texas – Brownsville University of Texas – Brownsville University of Texas – San Antonio The University of Texas – San Antonio The University of Texas – San Antonio The University of Utah University of Wisconsin–Madison University of Wisconsin–Madison University of Wyoming		
University of New Mexico University of New Mexico, New Mexico's Flagship University University of New Orleans University of New Hampshire University of North Carolina at Charlotte University of North Carolina at Charlotte University of North Florida University of North Florida University of North Dame University of South South Garolina University of South Alabama University of South Carolina University of South Florida University of South Florida University of Texas at Arlington University of Texas at Arlington University of Texas at Arlington University of Texas at Dallas University of Tennessee Space Institute University of Tennessee at Knoxville University of Tennessee at Martin University of Texas – Austin University of Texas – Brownsville University of Texas – San Antonio The University of Texas – San Antonio The University of West Florida University of Wisconsin–Madison University of Wyoming	•	
University of New Mexico, New Mexico's Flagship University University of New Orleans University of New Hampshire University of North Carolina at Charlotte University of North Florida University of North Florida University of North Texas University of Richmond University of San Antonio University of South Alabama University of South Carolina University of South Florida University of South Florida University of South Florida University of Texas at Arlington University of Texas at Arlington University of Texas at Dallas University of Texas at Dallas University of Tennessee Space Institute University of Tennessee at Knoxville University of Tennessee at Knoxville University of Tennessee at Knoxville University of Texas – Austin University of Texas – Brownsville University of Texas – Brownsville University of Texas – Rio Grande Valley University of Texas – San Antonio The University of Texas – San Antonio The University of West Florida University of Wisconsin–Madison University of Wyoming	•	
University of New Mexico, New Mexico's Flagship University University of New Orleans University of North Carolina at Charlotte University of North Florida University of North Texas University of North Texas University of Richmond University of Richmond University of San Antonio University of South Alabama University of South Carolina University of South Florida University of South Florida University of Texas at Arlington University of Texas at Dallas University of Texas at Dallas University of Tennessee Space Institute University of Tennessee at Chattanooga University of Tennessee at Knoxville University of Tennessee at Knoxville University of Texas – Austin University of Texas – Brownsville University of Texas – Brownsville University of Texas – Brownsville University of Texas – San Antonio The University of Texas – San Antonio The University of West Florida University of Wisconsin–Madison University of Wyoming		
University of New Orleans University of North Carolina at Charlotte University of North Florida University of North Texas University of North Texas University of North Texas University of North Texas University of Richmond University of South Alabama University of South Alabama University of South Florida University of Southern Mississippi University of Texas at Arlington University of Texas at Arlington University of Tennessee Space Institute University of Tennessee at Knoxville University of Tennessee at Knoxville University of Tennessee at Martin University of Texas – Austin University of Texas – Brownsville University of Texas – Brownsville University of Texas – Rio Grande Valley University of Texas – San Antonio The University of Wisconsin–Madison University of Wisconsin–Madison University of Wisconsin–Madison University of Wyoming		
University of North Carolina at Charlotte University of North Florida University of North Texas University of North Dame University of Richmond University of South Alabama University of South Alabama University of South Florida University of South Florida University of South Florida University of Souther Mississippi University of Texas at Arlington University of Texas at Dallas University of Texas at Dallas University of Texas at Dallas University of Texas at Noxville University of Texas at Martin University of Texas at Martin University of Texas - Brownsville University of Texas - Brownsville University of Texas - Brownsville University of Texas - Rio Grande Valley University of Texas - San Antonio The University of Utah University of Wisconsin-Madison University of Wooming		
University of North Florida University of North Florida University of North Texas University of Richmond University of San Antonio University of South Alabama University of South Carolina University of South Florida University of South Florida University of South Florida University of Southern Mississippi University of Texas at Arlington University of Texas at Dallas University of Tennessee Space Institute University of Tennessee at Chattanooga University of Tennessee at Knoxville University of Tennessee at Martin University of Tennessee at Martin University of Texas – Austin University of Texas – Brownsville University of Texas – Brownsville University of Texas – Brownsville University of Texas – San Antonio The University of Tulsa University of Utah University of Wisconsin-Madison University of Wyoming	•	
University of North Florida University of North Texas University of Notre Dame University of Richmond University of San Antonio University of South Alabama University of South Carolina University of South Florida University of Souther Mississippi University of Texas at Arlington University of Texas at Dallas University of Tennessee Space Institute University of Tennessee at Chattanooga University of Tennessee at Knoxville University of Tennessee at Knoxville University of Texas – Austin University of Texas – Brownsville University of Texas – El Paso University of Texas – San Antonio The University of Tulsa University of Utah University of Utah University of West Florida University of Wostonsin-Madison University of Wostonsin-Madison		
University of Notre Dame University of Richmond University of South Antonio University of South Alabama University of South Carolina University of South Florida University of Texas at Arlington University of Texas at Dallas University of Tennessee Space Institute University of Tennessee at Chattanooga University of Tennessee at Chattanooga University of Tennessee at Knoxville University of Tennessee at Martin University of Texas – Austin University of Texas – San Antonio The University of Texas – San Antonio The University of Tusa University of Texas – San Antonio The University of Utah University of Wisconsin–Madison University of Wyoming	•	
University of Notre Dame University of Richmond University of San Antonio University of South Alabama University of South Carolina University of South Florida University of Southern Mississippi University of Texas at Arlington University of Texas at Dallas University of Tenessee Space Institute University of Tennessee at Chattanooga University of Tennessee at Knoxville University of Tennessee at Knoxville University of Texas – Austin University of Texas – Brownsville University of Texas – Brownsville University of Texas – Brownsville University of Texas – San Antonio The University of Texas – San Antonio The University of Tusa University of Utah University of Wisconsin–Madison University of Wisconsin–Madison University of Wisconsin–Madison University of Wisconsin–Madison University of Wyoming	•	/
University of South Alabama University of South Carolina University of South Carolina University of South Florida University of Southern Mississippi University of Texas at Arlington University of Texas at Dallas University of Tennessee Space Institute University of Tennessee at Chattanooga University of Tennessee at Knoxville University of Tennessee at Martin University of Texas – Austin University of Texas – Brownsville University of Texas – Brownsville University of Texas – Brownsville University of Texas – San Antonio The University of Texas – San Antonio The University of Tusa University of Usa University of West Florida University of Wisconsin–Madison University of Wyoming	•	V
University of San Antonio University of South Alabama University of South Carolina University of South Florida University of Southern Mississippi University of Texas at Arlington University of Texas at Dallas University of Tennessee Space Institute University of Tennessee at Chattanooga University of Tennessee at Knoxville University of Tennessee at Martin University of Tennessee at Martin University of Texas – Austin University of Texas – Brownsville University of Texas – El Paso University of Texas – San Antonio The University of Tulsa University of Utah University of West Florida University of West Florida University of Wisconsin-Madison University of Wyoming		
University of South Alabama University of South Carolina University of South Florida University of Southern Mississippi University of Texas at Arlington University of Texas at Dallas University of Tennessee Space Institute University of Tennessee at Chattanooga University of Tennessee at Knoxville University of Tennessee at Martin University of Texas – Austin University of Texas – Brownsville University of Texas – San Antonio The University of Texas – San Antonio The University of Tulsa University of West Florida University of Wisconsin–Madison University of Wyoming	•	
University of South Florida University of Southern Mississippi University of Texas at Arlington University of Texas at Dallas University of Tennessee Space Institute University of Tennessee at Chattanooga University of Tennessee at Knoxville University of Tennessee at Martin University of Texas – Austin University of Texas – Brownsville University of Texas – El Paso University of Texas – Rio Grande Valley University of Texas – San Antonio The University of Tulsa University of West Florida University of Wisconsin–Madison University of Wyoming		
University of South Florida University of Southern Mississippi University of Texas at Arlington University of Texas at Dallas University of Tennessee Space Institute University of Tennessee at Chattanooga University of Tennessee at Knoxville University of Tennessee at Martin University of Texas – Austin University of Texas – Brownsville University of Texas – El Paso University of Texas – Rio Grande Valley University of Texas – San Antonio The University of Tulsa University of West Florida University of West Florida University of Wisconsin–Madison University of Wyoming		
University of Southern Mississippi University of Texas at Arlington University of Texas at Dallas University of Tennessee Space Institute University of Tennessee at Chattanooga University of Tennessee at Knoxville University of Tennessee at Martin University of Texas – Austin University of Texas – Brownsville University of Texas – El Paso University of Texas – Rio Grande Valley University of Texas – San Antonio The University of Tulsa University of Utah University of West Florida University of Wisconsin–Madison University of Wyoming		
University of Texas at Arlington University of Texas at Dallas University of Tennessee Space Institute University of Tennessee at Chattanooga University of Tennessee at Knoxville University of Tennessee at Martin University of Texas – Austin University of Texas – Brownsville University of Texas – El Paso University of Texas – Rio Grande Valley University of Texas – San Antonio The University of Tulsa University of Utah University of West Florida University of Wisconsin–Madison University of Wyoming		
University of Texas at Dallas University of Tennessee Space Institute University of Tennessee at Chattanooga University of Tennessee at Knoxville University of Tennessee at Martin University of Texas – Austin University of Texas – Brownsville University of Texas – El Paso University of Texas – Rio Grande Valley University of Texas – San Antonio The University of Tulsa University of Utah University of West Florida University of Wisconsin–Madison University of Wyoming		./
University of Tennessee Space Institute University of Tennessee at Chattanooga University of Tennessee at Knoxville University of Texas – Austin University of Texas – Brownsville University of Texas – El Paso University of Texas – Rio Grande Valley University of Texas – San Antonio The University of Tulsa University of Utah University of West Florida University of Wisconsin–Madison University of Wyoming		V
University of Tennessee at Knoxville University of Tennessee at Martin University of Texas – Austin University of Texas – Brownsville University of Texas – El Paso University of Texas – Rio Grande Valley University of Texas – San Antonio The University of Tulsa University of Utah University of West Florida University of Wisconsin–Madison University of Wyoming		
University of Tennessee at Knoxville University of Tennessee at Martin University of Texas – Austin University of Texas – Brownsville University of Texas – El Paso University of Texas – Rio Grande Valley University of Texas – San Antonio The University of Tulsa University of Utah University of West Florida University of Wisconsin–Madison University of Wyoming		
University of Texas – Austin University of Texas – Brownsville University of Texas – Brownsville University of Texas – El Paso University of Texas – Rio Grande Valley University of Texas – San Antonio The University of Tulsa University of Utah University of West Florida University of Wisconsin–Madison University of Wyoming		
University of Texas – Austin University of Texas – Brownsville University of Texas – El Paso University of Texas – Rio Grande Valley University of Texas – San Antonio The University of Tulsa University of Utah University of West Florida University of Wisconsin–Madison University of Wyoming		
University of Texas – Brownsville University of Texas – El Paso University of Texas – Rio Grande Valley University of Texas – San Antonio The University of Tulsa University of Utah University of West Florida University of Wisconsin–Madison University of Wyoming	•	
University of Texas – El Paso University of Texas – Rio Grande Valley University of Texas – San Antonio The University of Tulsa University of Utah University of West Florida University of Wisconsin–Madison University of Wyoming	•	./
University of Texas – Rio Grande Valley University of Texas – San Antonio The University of Tulsa University of Utah University of West Florida University of Wisconsin–Madison University of Wyoming	<u> </u>	
University of Texas – San Antonio The University of Tulsa University of Utah University of West Florida University of Wisconsin–Madison University of Wyoming	· · · · · · · · · · · · · · · · · · ·	-
The University of Tulsa University of Utah University of West Florida University of Wisconsin–Madison University of Wyoming	•	√
University of Utah University of West Florida University of Wisconsin–Madison University of Wyoming		
University of West Florida University of Wisconsin–Madison University of Wyoming		
University of Wisconsin–Madison University of Wyoming		
University of Wyoming	•	√
	•	
University of Vermont		
University of Virginia		
University of Washington		
University of Wisconsin–Stout		,
University of the District of Columbia	·	
University of the Virgin Islands	· · · · · · · · · · · · · · · · · · ·	√
Utah State University	Utah State University	



Academic Institution	HBCU/MI
UMass Dartmouth	
UMass Boston	
UNC Charlotte	
United Tribes Technical College	✓
United States Air Force Academy	
United States Military Academy, Westpoint	
UTRGV'S College of Sciences	
Valparaiso University	
Vanderbilt University	
Virginia Commonwealth University	
Virginia State University	✓
Virginia Tech	
Villanova University	
University of Toledo	
Virginia Wesleyan University	
Voorhees College	✓
Washington University	
Washington University in St. Louis	
Wayne State University	
West Virginia State University	✓
West Virginia University	
West Virginia University Parkersburg	
Western Kentucky University	
Western Michigan University	
Western New England University	
Wilberforce University	✓
Wiley College	✓
Wichita State University	
Winston-Salem State University	✓
Worcester Polytechnic Institute	
Wright State University	
Xavier University	✓
Yale University	
York College	

Note: "√"indicates a HBCU/MI academic institution



Appendix B: Federally Funded Research & Development Centers (FFRDCs) List

Government Sponsor	Facility	Administered By
Department of Defense	Aerospace FFRDC	The Aerospace Corporation
Department of the Air Force	Aerospace FFRDC	The Aerospace Corporation
Department of Energy	Ames Laboratory	Iowa State University of Science and
Department of Energy	Affles Laboratory	Technology
Department of France	Arranga National Laboratory	
Department of Energy	Argonne National Laboratory	UChicago Argonne, LLC
Department of Defense	Arroyo Center	RAND Corporation
Department of the Army	B. H. M.C. H. L.	D 11 0: 4 :
Department of Energy	Brookhaven National Laboratory	Brookhaven Science Associates, LLC
Department of Transportation	Center for Advanced Aviation System	MITRE
Federal Aviation Administration	Development	
Department of Defense	Center for Communications and	Institute for Defense Analyses
National Security Agency	Computing	· ·
Department of the Treasury	Center for Enterprise Modernization	MITRE
Department of Veterans Affairs		
Internal Revenue Service		
Department of Defense	Center for Naval Analyses	The CNA Corporation
Department of the Navy	- Interior and Fallany Coo	- Composition
Nuclear Regulatory Commission	Center for Nuclear Waste Regulatory	Southwest Research Institute
	Analyses	
United States Department of Health and	CMS Alliance to Modernize Healthcare	MITRE
Human Services		
Department of Energy	Fermi National Accelerator Laboratory	Fermi Research Alliance, LLC
Department of Health and Human	Frederick National Laboratory for	Leidos Biomedical Research
Services	Cancer Research	
National Institutes of Health		
Department of Homeland Security,	Homeland Security Operational	RAND Corporation
Under Secretary for Science and	Analysis Center	
Technology	_	
Department of Homeland Security	Homeland Security Systems	MITRE
Under Secretary for Science and	Engineering and Development Institute	
Technology		
Department of Energy	Idaho National Laboratory	Battelle Energy Alliance, LLC
National Aeronautics and Space	Jet Propulsion Laboratory	California Institute of Technology
Administration		
Department of Energy	Lawrence Berkeley National	University of California
	Laboratory	
Department of Energy	Lawrence Livermore National	Lawrence Livermore National
- Spanished Energy	Laboratory	Security, LLC
Department of Defense	Lincoln Laboratory	Massachusetts Institute of
Department of the Air Force	Lincolli Laboratory	Technology
Department of the Air Force	Los Alamos National Laboratory	Los Alamos National Security, LLC
Department of Homeland Security	National Biodefense Analysis and	Battelle National Biodefense
	Countermeasures Center	Institute
Under Secretary for Science and	Countermeasures Center	moutute
Technology National Science Foundation	National Contactor Atmosphasis	University Corneration for
ivational Science Foundation	National Center for Atmospheric	University Corporation for
D	Research	Atmospheric Research
Department of Commerce	National Cybersecurity FFRDC	MITRE
National Institute of Standards and		
Technology	<u> </u>	
Department of Defense	National Defense Research Institute	RAND Corporation
Office of the Secretary of Defense		Annondiy P



Government Sponsor	Facility	Administered By
National Science Foundation	National Optical Astronomy	Association of Universities for
	Observatory	Research in Astronomy, Inc.
National Science Foundation	National Radio Astronomy Observatory	Associated Universities, Inc.
Department of Energy	National Renewable Energy Laboratory	Alliance for Sustainable Energy, LLC
Department of Defense Office of the Secretary of Defense	National Security Engineering Center	MITRE
National Science Foundation	National Solar Observatory	Association of Universities for Research in Astronomy, Inc.
Department of Energy	Oak Ridge National Laboratory	UT-Battelle, LLC
Department of Energy	Pacific Northwest National Laboratory	Battelle Memorial Institute
Department of Energy	Princeton Plasma Physics Laboratory	Princeton University
Department of Defense	Project Air Force	RAND Corporation
Department of the Air Force		
Department of Energy	Sandia National Laboratories	National Technology and Engineering Solutions of Sandia, a subsidiary of Honeywell
Department of Energy	Savannah River National Laboratory	Savannah River Nuclear Solutions, LLC
National Science Foundation	Science and Technology Policy Institute	Institute for Defense Analyses
Department of Energy	SLAC National Accelerator Laboratory	Stanford University
Department of Defense Department of the Army	Software Engineering Institute	Carnegie Mellon University
Department of Defense Office of the Secretary of Defense	Systems and Analyses Center	Institute for Defense Analyses
Department of Energy	Thomas Jefferson National Accelerator Facility	Jefferson Science Associates, LLC

#physicsclass



Appendix C: Social Media Hash Tag DoD NDSEG List

#fellowship #researchertraining #engineeringisfun
#organization #grantmoney #engineeringschool
#education #funding #engineeringbasics
#department #biology #engineeringthings

#faculty #engineering #Physics

#brainstorming #science #physicsteacherproblems

#gradschool #lovescience #physicsoflight
#research #chemistry #physicslesson
#resaerch&development #physics #physicsisnature

#researchdoesnthavetobebor #math #physicstoy

ing #stem

#researches #biochemistry #physicsteacher

#researchingmatters #ScienceTechnologyEnginee #physicsisawesome

#researchbase ringMathematics #physicsfacts
#researchscholar #stemeducation #physicsrules
#researchlab #steminternational #physics2lab

#laboratory #genetics #PhysicsOfTheUniverse

#gradschool #LaserSystems #physicslaw

#students #laserexperts #molecularbiology
#graduates #laserwelding #microbiology
#phdstudent #lasers #microbiologia

#phdlife #EngineeringPhysics #biology
#researcher #engineering #biologist

#experiments#engineeringlife#moleculargenetics#scientists#engineeringstudent#CyberTechnology#scientific#engineeringmarvel#cybertechnology#science&technology#engineeringdesign#experiencecyber

#lifescience #engineeringrepublic #InformationTechnology
#grants #engineeringstudents #informationtechnology

#grant #engineeringtech #itil

#fellowship #engineeringanalysis #qualitycontrol
#scholarships #engineeringlovesme #leadership
#researchgrant #engineeringcollege #CyberSecurity

#ResearchAndDevelopment #engineeringart #data #researchroadtrip #engineeringstuff #malware

#researchopportunity #engineeringlifestyle



#security #aeronauticaluniversity #nucleapowerplant

#protection #aeronauticalgroup #electricity
#computers #aeronauticalworld #steamturbine

#business #aeronautical #MathematicsandStatistics
#company #helicopter #mathematicsandstatistics

#IT #helicoptero #math
#tech #helispotting #maths

#Aerospace #airambulance #mathematics
#aerospacejobs #helispotter #mathilda

#AerospaceConference #Astronautical #mathers

#aerospaceuniversity #astronautical #mathteacher

#aerospaceengineering #STEM #mather

#aerospaceindustry #Electromagnetics #mathproblems

#aerospacetalk#electromagneticspectrum#mathart#aerospacelines#electromagnetics#mathewsinc#aerospacenews#emf#mathisfun#aerospaceindustrial#machine#mathematician

#aerospaceindustrial#machine#mathematician#aerospacemanufacturing#electromagnetic#mathematics4life#aerospaceengineer#automation#mathematicsinaction#aerospacewelding#engineering#mathematicsday

#Aerospace2019 #space #metals #mathematicsstudents

#spacex #machining #mathematicseducation

#nasa #universalrobots #mathematicsforlife

#aeronautics #cobots #mathematicsart

#Simulation #manufacturing #Statistics

#simulations #manufacture #StatisticsNeverLie

#simulationinsideasimulation #manufacturers #StatisticsOnCrowdfundingGr

#simulationgame #components owth

#simulationexercises #NuclearEngineering #statistics

#simulationservices #nuclearengineering #statisticsassignmenthelp

#simulationofsafety #drone #statisticsdontlie

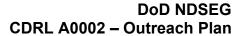
#simulationhypothesis #radiationdetector #statisticstrading

#simulationnation #nuclearpowerplant #statisticscollection

#simulationtheory #xyzprinting #stats

#Aeronautical #ddesign #militaryoperations

#AERONAUTICALMINDS #nuclear #military
#aeronauticalengineering #containment #combat





#reenactor #DirectedEnergy
#militarytechnology #directedenergy
#tacticalassaulttechnology #energytools

#tacticalassaults

#Electricalengineering #HumanPerformance #ElectricalEngineering #humanperformance

#electricalengineering #humanperformancerefined

#worldofengineering #exercisephysiology

#engineering #teambuilding

#science #Airman

#engineer #airmanagement

#engineers #airman

#plumbing #airmanship

#mech #cabincrew

#technology #civilaviation

#robotics #flight
#industrialrobots #plane
#design #fly

#robot #Munitions

#problems #munitions

#workhard #vortexoptics

#Logistics #AirForceAcademy
#logisticsteam #airforceacademy
#logisticscargo #coloradosprings
#logisticsplatforms #petersonafb

#logisticsshow #intel #LogisticServices #air

#logisticsnews

#logisticssolutionswebsitedev

elope

#logisticscompanyuae
#logisticsprovider
#logisticsserveces
#Logisticscertified
#logisticsjob

#logisticsolutions

#logisticsmadeperfect