



UNITED STATES SPECIAL OPERATIONS COMMAND

Mr. Tony Davis
Director

SCIENCE AND TECHNOLOGY

“Somewhere something incredible
is waiting to be known.”

-Carl Sagan

SCIENCE AND TECHNOLOGY

USSOCOM 2016 BROAD AGENCY ANNOUNCEMENT (Appendix H) 1 of 4

C4

- **Position Location Information (PLI) for Disadvantaged Environments**
- **Scalable, Mobile, and Over-The-Horizon (OTH) Communication Networks**
- **Security and Network Management/Monitoring of Mobile Ad-hoc Network (MANET)**
- **Low Probability of Intercept/Low Probability of Detection (LPI/LPD) Radio Frequency (RF) Communications Waveform to Allow SOF Operators to Move Data in the Battle Space**
- **Rotary Wing Aircraft Avionics/Man Machine Interface - High Band Width Information/Data Management**
- **Command and Control (C2)**
- **All Source Fusion and Distribution of Data relevant To Irregular Warfare (IW) and Combating Terrorism (CT)**
- **Information Mangement (IM)**
- **Open Standard Airborne ISR Transport Modem**
- **Maritime Communications/Underwater Navigation**

Note: 2016 BAA closes April 18, 2016

USSOCOM 2016 BROAD AGENCY ANNOUNCEMENT (Appendix H) 2 of 4

Cyber / Other

- High Fidelity Cloning of Complex Items
- Selective Near-Field Net Connectivity
- Scalable Knowledge Management
- Information Dominance Across Networks
- Canine Deception

Fires / Scalable Effects Weapons

- Enhanced Survivability Technology for SOF Aircraft – Hard Kill Defensive System Technology
- Scalable Effects Weapons (SEW)
- Advanced Sniper Barrels
- Advanced Precision Guided Munition (PGM)

Human Performance

- Performance Enhancements
- Crew Augmentation for FOSOV

Note: 2016 BAA closes April 18, 2016

USSOCOM 2016 BROAD AGENCY ANNOUNCEMENT (Appendix H) 3 of 4

Mobility

- Unmanned Systems Selective Near-Field Net Connectivity
- Diver Thermal Protection
- Active Ride Control
- Armored Vehicle Extrication

Optical Electronics

- Cursor on Target (CoT) Integrated Heads Up Display (HUD)
- Precision Moving Target Geo-Location
- High Resolution, 3D, and Multi-color Electro-Optical/Infrared (EO/IR), Multiple Moving Target tracking for Group IV/V UAS and Manned Fixed Wing ISR
- Visual Augmentation Sensor Denial

Power & Energy

- Auxiliary Power Technologies
- Small High Energy Power Source
- Portable Power Source

Note: 2016 BAA closes April 18, 2016

USSOCOM 2016 BROAD AGENCY ANNOUNCEMENT (Appendix H) 4 of 4

Protection

- Head Protection
- Tactical Stand Alone (TSA)

Signature Management

- Advanced Signature Management

Note: 2016 BAA closes April 18, 2016

INDUSTRY FELLOWSHIPS

- **USSOCOM has vacancies for three - five energetic technical experts from industry to be Exchange Fellows in the SOFWERX innovation environment. Ability to work in a dynamic environment is a must. Desired Industry Exchange Fellowship positions:**
 1. **Electro-Optics Engineer**
 2. **Mechatronics Engineer**
 3. **Biomedical Engineer**
 4. **Software Engineer**
 5. **Industrial Designer**
 6. **Aeronautical Engineer**
- **Resume: Interested parties should submit a resume, five pages maximum, to IndustryFellow@socom.mil**
- **Deadline: Resumes must be submitted no later than April 21, 2016**
- **More details on FedBizOps: SOCOM Industry Exchange Fellowship, Solicitation Number: SOCOMFELLOW**

TECHNICAL EXPERIMENTATION (TE)

- **TE 16-1 30 Nov – 4 Dec 2015, National Forensic Science Technology Center, Florida**
 - Experimentation Focus: Combat Medicine and Sensitive Site Exploitation
- **TE 16-2, 7-11 Mar 2016, Camp Roberts, California**
 - Experimentation Focus: C4 and Mobility
- **TE 16-3, 11-15 Jul 2016, Atterbury-Muscatatuck Center for Complex Operations, Indiana**
 - Experiment Focus: Unconventional Warfare / Urban Ops
- **TE 16-4, 19-23 Sep 2016, Little Creek, VA**
 - Experiment Focus: Maritime Surface Craft
- **Public Link:**
<http://www.socom.mil/sordac/Pages/ExpWithUS.aspx>
- **LinkedIn Group:**
[SOCOM Technical Experimentation](#)





QUESTIONS?

Email: anthony.davis@socom.mil

Twitter: [@tonydavis_st](https://twitter.com/tonydavis_st)

LinkedIn: www.linkedin.com/in/tonydavisst

