

**Funding Alert from the Michigan SBIR/STTR Assistance Program**

[**Program link**](http://www.bbcetc.com/capabilities/sbir-sttr-research-grant-assistance/the-michigan-program/) ****

**DoD 2015.3 SBIR Topics**

**DoD 2015.C STTR Topics**

Pre-release opens August 27, 2015

Open discussion with TPOCs through September 27, 2015

SITIS Q&A closes October 14, 2015

Solicitation opens September 28 and proposals due October 28, 2015 at 6:00 a.m. ET

**DOD SBIR 2015.3 Topics**

[**SBIR solicitation link**](https://sbir.defensebusiness.org/topics)

[**Air Force Direct to Phase II**](https://sbir.defensebusiness.org/media/documents/instructions/153_af-dp2.html)

|  |  |
| --- | --- |
| AF153-001 | Global Surveillance Augmentation Using Commercial Satellite Imaging Systems |
| AF153-002 | Handheld Dismount Kit for Persistent, Precision Navigation in GPS-challenged Environments for Military Operations |
| AF153-003 | Additive Manufacturing to Support 100% Parts Availability |
| AF153-004 | Additive Manufacturing of Masking to Support Turbine Engine Sustainment |

[**Army**](file:///C%3A%5CUsers%5CJayne%5CDownloads%5CTopics-ARMY-103-v2..html)

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| A15-101 | Fast Charging Rate and High Energy Power Systems for High Shock Survivability |
| A15-102 | CFD Runtime Acceleration on New Chip Architecture |
| A15-103 | Rotorcraft Elastic Fuselage Coupling with CFD |
| A15-104 | Development of Additive Manufacturing for Aerospace Gear Applications |
| A15-105 | Innovative Matrix Systems for Carbon Fiber Reinforced Composite Tactical Rocket Motor Applications |
| A15-106 | Hybrid Thermoplastic Matrix Fabrication Methods for Missile Structures |
| A15-107 | Novel Materials for Kinetic Energy Penetrators |
| A15-108 | Innovative Technologies for Detection and Discrimination of Surface and Buried Explosive Hazards |
| A15-109 | Multi-static Ground Penetrating Radar for Buried Explosive Hazard Detection |
| A15-110 | Continuous IAVA Mitigation & Remote Client Support for Tactical Systems |
| A15-111 | Real-time Measurement of Dose from Prompt Gamma and Neutron from Nuclear Blast |
| A15-112 | Stabilization of Phage for Far-forward Fieldable Applications |

[**Navy**](file:///C%3A%5CUsers%5CJayne%5CDownloads%5CTopics-NAVY-103-v2..html)

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| N153-124 | Harvestable Energy System for Use in Covered Locations |
| N153-125 | Small Arms Fire Location for the Dismounted Marine |
| N153-126 | High Voltage Antenna Protection for Hand-held and Man-pack Radios |
| N153-127 | Low Power Water Purification System |
| N153-128 | Light Secure, See-Through Display |
| N153-129 | Ultra-lightweight and Compact Hybrid System |
| N153-130 | Three-Dimensional (3D) Interconnect Technology to Improve Size, Weight, Power, and Cost (SWAP-C) of Current and Future Electronic Systems |
| N153-131 | Non-Invasive Measurement of Fluid/Gas Characteristics in Harsh Environments |
| N153-132 | High Energy High Flux X-ray Detector |
| N153-133 | Re-Entrant Jet Measurement During Large-Scale Gas Bubble Collapse |

[**DARPA**](file:///C%3A%5CUsers%5CJayne%5CDownloads%5CTopics-DARPA-103-v2..html)(Defense Advanced Research Projects Administration)

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| SB153-001 | Soft Bio-Interfaces for Physiological Sensing and Modulation (Phase I and Direct to Phase II accepted) |
| SB153-002 | GHz, Octavespanning Photodetectors for MWIR/LWIR |
| SB153-003 | Tunable Cyber Defensive Security Mechanisms |
| SB153-004 | High-Sample Rate Analog to Digital Converters for Reconfigurable Phased Array Applications (Phase I and Direct to Phase II accepted) |
| SB153-005 | Conformal, Random Access Beam Steering for Broadband Systems |
| SB153-006 | Medium Caliber Projectile Conformal Antenna RF Seeker |

[**MDA**](file:///C%3A%5CUsers%5CJayne%5CDownloads%5CTopics-MDA-103-v2..html) (Missile Defense Agency) Note-Topic by research area

|  |  |
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| MDA15-007 | Open Framework Planner with Embedded Training |
| MDA15-009 | Irrefutable Tamper Evidence |
| MDA15-011 | Self-Building/Establishing Networks |
| MDA15-012 | Inline Threat Generation for Modeling and Simulation |
| MDA15-013 | Innovative Ways to Shorten System Level Simulation Integration Time |
| MDA15-015 | High Power Fiber Laser Tap Couplers for Phase and Polarization Control |
| MDA15-016 | General Wave-Optics Based Scaling Laws for Multiple/Obscured Apertures |
| MDA15-019 | Smart Readout Integrated Circuit for Dual Band Infrared Focal Plane Arrays |
| MDA15-021 | Advanced Reserve Battery Technologies |
| MDA15-026 | MEMS IMU Solutions for Missile Defense Applications |

 MDA15-027 Lithium Oxyhalide Battery Separator Material

[**OSD**](file:///C%3A%5CUsers%5CJayne%5CDownloads%5CTopics-OSD-103-v2..html)(Office of the Secretary of Defense)

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| OSD153-001 | System Architecture Recovery and Analysis (SARA) |
| OSD153-002 | Cyber Deception for Network Defense |
| OSD153-003 | Next-Generation Secured Mobile Devices for Mobile, Tactical Environments |
| OSD153-004 | Moving Target Defense |
| OSD153-005 | High-Assurance Cyber-Physical Systems |

**DOD STTR 2015.C Topics**

[**STTR solicitation link**](https://sbir.defensebusiness.org/topics)

[**CBD**](file:///C%3A%5CUsers%5CJayne%5CDownloads%5CTopics-CBD-104-v2..html)(Chemical and Biological Defense Program)

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| CBD15C-001 | Infectious Disease Diagnostics and Differentiation of Viral vs. Bacterial Infections for Point of Care Applications |

[**DARPA**](file:///C%3A%5CUsers%5CJayne%5CDownloads%5CTopics-DARPA-104-v2..html)(Defense Advanced Research Projects Administration)

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| ST15C-001 | Real­time Tabletop X-ray Nanoscope |
| ST15C-002 | Analog Co-Processors for Complex System Simulation and Design |

[**DLA**](file:///C%3A%5CUsers%5CJayne%5CDownloads%5CTopics-DLA-104-v2..html)(Defense Logistics Agency)

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| DLA15C-001 | Detecting Counterfeit, Substandard, Nonconforming, and Improperly Processed Materiel |

[**MDA**](file:///C%3A%5CUsers%5CJayne%5CDownloads%5CTopics-MDA-104-v2..html) (Missile Defense Agency)

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| MDA15-T001 | Contextual Reasoning for Object Identification |
| MDA15-T002 | System of Systems Control Interactions |
| MDA15-T003 | Aerospace Vehicle Signature Modeling Technologies |
| MDA15-T004 | Spectral Crosstalk Reduction for Dual-band Long Wave Infrared Detectors |
| MDA15-T005 | Gold Contaminated Solder Joint Characterization for Quantifying Risks Associated with Gold Embrittlement |