For the purpose of informing interested faculty, please be aware of the following opportunity. Please note that the other recipients of this announcement could be potential collaborators on this opportunity.

DARPA-BAA-10-35: Microsystems Technology Office-Wide Broad Agency Announcement

The Defense Advanced Research Projects Agency (DARPA), Department of Defense, is soliciting proposals under the Microsystems Technology Office-Wide BAA. This announcement seeks revolutionary research ideas for topics not being addressed by ongoing MTO programs or other published BAA solicitations. This BAA is primarily, but not solely, intended for early stage research (Studies) that may lead to larger, and focused, MTO programs in the future. Studies are defined as single phase efforts of short duration (< 12 months) costing less than $1,000,000. Whereas proposers are strongly encouraged to submit Studies to this BAA, Multi-Phase Efforts will also be considered.

Research areas of current interest in MTO include, but are not limited to, the following topics:

- Heterogeneous Integration
- Emerging MEMs Technologies
- Non-Silicon Electronics
- Novel Photonic Devices
- Quantum Devices
- Hardware Assurance, Reliability & Validation
- Low Volume Microsystems Manufacturing
- Signal Processing Hardware
- Low Power Electronics
- Power Generation, Storage & Conversion
- Thermal Management
- Microsystems Complexity & Nonlinearity
- Advanced Imaging
- Photonic & Electronic Interconnects
• Microsystem Design & CAD
• Bio-Medical Microsystems
• Chip Scale Sensors
• Microsystems for Directed Energy
• Microsystems for Precision Navigation & Timing
• Microsystems for RF/Optical Transceivers
• Other Microsystems Technology Topic Areas

Interested parties are highly encouraged to review the current MTO programs listed on the MTO website (here) and other MTO solicitations list (here) to avoid proposing efforts to this BAA that duplicate existing activities or that are responsive to other published MTO BAAs. Contacting MTO program managers to discuss research interests is also encouraged.

Proposers are strongly encouraged to submit a proposal abstract in advance of a full proposal. This procedure is intended to minimize unnecessary effort in proposal preparation and review. DARPA will respond to proposal abstracts with a statement as to whether DARPA is interested in the idea. DARPA will attempt to reply to proposal abstracts via letter within forty-five (45) calendar days of receipt. Should a proposer be discouraged from submitting a full proposal, the letter will contain feedback for the proposer regarding the rationale for the Government’s recommendation. Early submissions of proposal abstracts and full proposals are strongly encouraged because selections may be made at any time during the period of solicitation. Regardless of DARPA’s response to a proposal abstract, proposers may submit a full proposal.

For detailed information on this opportunity (DARPA-BAA-10-35) please see the full solicitation (attached). To find additional opportunities from this agency please see here.

Multiple awards are anticipated. The amount of resources made available under this BAA will depend on the quality of the proposals received and the availability of funds.
Cost sharing is not required. (Please see the solicitation for complete application & submission information.)

Abstracts and proposals may be submitted on a rolling basis until March 1st, 2011 (4 PM). Abstracts and full proposals must be submitted through the Sponsored Programs Office. Please contact Sponsored Programs (4-2402) with questions regarding proposal submission requirements.

If you have any questions regarding this announcement please contact:

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