UTSA & ITESM
SEED FUNDING PROGRAM

The Texas Legislature founded the University of Texas at San Antonio in 1969. UTSA is dedicated to the advancement of knowledge through research and discovery, teaching and learning, community engagement and public service. As an institution of access and excellence, UTSA embraces multicultural traditions and serves as a center for intellectual and creative resources as well as a catalyst for socioeconomic development and the commercialization of intellectual property – for Texas, the nation and the world.

Tecnológico de Monterrey

The Tecnológico de Monterrey (ITESM) was founded in 1943 by Eugenio Garza Sada and a group of Mexican entrepreneurs who implemented their vision for a cutting-edge educational institution. ITESM is a private, non-profit institution, independent from political and religious affiliations. Tecnológico de Monterrey seeks to develop leaders who embrace an entrepreneurial spirit, a humanistic outlook, and are competitive on an international scale.

UTSA and ITESM invites its faculty members to apply for seed funding that furthers our mutual research interests, strengthens connections among the campuses, and catalyzes early-stage research that can lead to external funding.

2019 Seed Funding RFP Details:

<table>
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<tr>
<th>2019 UTSA &amp; ITESM Seed Funding</th>
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| Area(s) of Interest | Digital Forensic  
|                     | Cyber Defense  
|                     | Cyber Security Intelligence  
|                     | Industrial Control Systems Security  
|                     | Control Access (Biometrics)  
|                     | Information Security Management  
|                     | Any other subject related with Cyber Security  
| Total Funds Available | UTSA- $120,000 (US Dollar)  
|                      | ITESM- $100,000 (US Dollar)  
| Individual Project Amount | UTSA PI up to $40,000 (US Dollar)  
|                        | ITESM PI up to $33,333.33 (US Dollar)  |
Program Timeline

<table>
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<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>February 2019</td>
<td>Announce call for proposals</td>
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<tr>
<td>February 2019 – April 2019</td>
<td>Matchmaking and multi-campus team formation occurs among Principal Investigators.</td>
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<td></td>
<td>Contact Jaclyn Shaw @ <a href="mailto:jaclyn.shaw@utsa.edu">jaclyn.shaw@utsa.edu</a> (University of Texas in San Antonio) or Dr. Juan Nolazco @ <a href="mailto:jnolazco@itesm.mx">jnolazco@itesm.mx</a> for assistance with finding compatible co-PIs.</td>
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<tr>
<td>May 1, 2019</td>
<td>Deadline for proposal submission</td>
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<td>June 1, 2019</td>
<td>Awardees Notified</td>
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<tr>
<td>August 1, 2019</td>
<td>Funds Distributed/Project Begins</td>
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<tr>
<td>February 2019</td>
<td>Project Update</td>
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<tr>
<td>July 31, 2020</td>
<td>Project Ends</td>
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<td>August 30, 2020</td>
<td>Final Report Due</td>
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Eligibility
To encourage Texas/Mexico collaborations, each proposal must include at least two Principal Investigators, one from UTSA and one from ITESM. Principal Investigator may participate in no more than two proposals and serve as lead researcher on no more than one proposal.

Grant Administration
Each PI is responsible for the administration of grant funds within their respective institutions’ rules and regulations. In particular, he/she must be certain that over-expenditures do not occur and that all funds are fully expended according to institutional fiscal year end deadlines. All work must be completed in the 12-month performance period.

Purpose
The UTSA-ITESM Seed Grant Program is designed to support innovative, early-stage collaborative projects that can attract larger-scale support from federal, state, industrial, and/or private funding sources.

Evaluation Criteria
Seed Grant proposals will be evaluated according to the following criteria:

1. Feasibility: Can the stated goals be achieved within 12 months?
2. Solutions to Societal Challenge: Is the societal problem and its scale clearly identified? Will the proposed project help to address this challenge?
3. Potential for Follow-on Funding: Has this area of research been identified by federal agencies or other funders as an area of future investment? Will the project help the investigators make a stronger case for future external funding?
4. Inclusion of pre-tenured faculty is encouraged but not required.
5. Financial support from third parties is welcome but not required.
Proposal Elements

All required proposal elements shall be contained in a single, text-searchable Adobe Acrobat pdf file. The proposal must include the following, in the order shown below:

1. Proposal Cover Page
2. Project Description: 5 page maximum
3. Joint Work Plan: 2 page maximum
4. Budget Request and Justification: 1 page maximum
5. Biographical Sketch: 2 page maximum for each PI/co-investigator

1) PROPOSAL COVER PAGE

The Proposal Cover Page must include a project title and clear, well-written executive summary (not to exceed 400 words) that condenses the essential content of the proposal – including the objectives, benefits, and significance of the proposed research effort.

List the following for both the UTSA and ITESM PI(s).

First Name
Last Name
Institution
College/Department
Email
Phone Number

2) PROJECT DESCRIPTION (5 page maximum)

The project description must include, in this order:

— Project overview;
— Scientific merit and significance of the research – include how this project is a new direction from the PIs existing research efforts and the potential impact of this new direction;
— Impact of this research on society and application areas where this research can or will be applied;
— Specific goals, objectives, and anticipated results;
— Description of methods including anticipated barriers or technical difficulties; – Specify the resources needed for this project (equipment, materials, etc.) and indicate their availability; and
— Describe the potential for extramural funding to support the proposed research in future years.

The project description must be concise, limited to five typed, single-spaced pages with a Times New Roman font, size of 12 points, including graphics. One-inch margins must be maintained. Additional information in an appendix is not allowed. A violation of this format will result in your proposal not being reviewed.
A list of references/citations, if necessary, should be listed after the Project Description section. This list does not count against page limitations.

3) **JOINT WORK PLAN** (2 page maximum)

Summarize the task-level activities to be performed by UTSA and ITESM as they relate to the overall project’s objectives. Describe areas of interdependence, the coordination and handoff of interim project materials and data, and the timeline of each organization’s participation in the overall project effort. While no specific graphical format or presentation is required, this section is expected to contain a mixture of narrative and graphical information to aid the evaluators’ assessment of the proposed scope, roles, and responsibilities within the team, and collaboration environment.

4) **BUDGET REQUEST AND JUSTIFICATION** (1 page maximum)

Awards will be up to $40,000 (USD) for the UTSA PI(s) and $33,333.33 (USD) for the ITESM PI(s) for a grant performance period of August 1, 2019 to July 31, 2020. Roll over to the next fiscal year is not allowable and project extensions are not allowable. Funding that is not spent or encumbered by each organization’s funding timeline requirements will automatically revert back to the originating office.

Each PI will submit a budget justification providing details for all proposed expenditures at his/her respective institution. The budget justification must address each budget line item that contains a proposed cost, for each institution. The budget justification must convey an integrated understanding of the types of resources necessary to complete the proposed effort.

**Budget Considerations:**

1. Seed Funding may not be used for faculty salary or non-resident tuition.
2. Indirect costs (F&A) are not allowed.

5) **BIOGRAPHICAL SKETCH** (2 page maximum for each PI/co-investigator)

**Proposal Submission**

UTSA will be the lead institution for collection and administration of this grant submission. There will be one submission cycle with deadline at the close of business (5:00 pm) on May 1, 2019.

Email address for full proposal submission: ana.laredo@utsa.edu. Please enter in the email subject line: **UTSA-ITESM Seed Funding Program**

The PIs will submit one combined proposal. UTSA proposals do not require Research Service Center review until an award is made. All required proposal elements shall be submitted in a single, text-searchable Adobe Acrobat PDF file.
Acknowledgements

All awardees must acknowledge this award on all relevant publications and associated future awards.

“This research was supported by a joint Seed Funding Award from UTSA and Tecnológico de Monterrey.”

For Questions, Contact:

UTSA PIs: ana.laredo@utsa.edu
ITESM PIs: jnolazco@itesm.mx