

LOUISIANA BOARD OF REGENTS

**BOARD OF REGENTS SUPPORT FUND
RESEARCH & DEVELOPMENT PROGRAM**

**RECOMMENDATIONS FOR FUNDING OF RESEARCH PROPOSALS
SUBMITTED FOR CONSIDERATION IN THE
PILOT FUNDING FOR NEW RESEARCH (Pfund) COMPONENT**

FY 2015-16 COMPETITION

March 2016

**BOARD OF REGENTS SUPPORT FUND
PILOT FUNDING FOR NEW RESEARCH
(PFUND)
FY 2015-16**

BACKGROUND INFORMATION

Fifty-one research proposals requesting a total of \$983,929 were submitted for funding consideration in fiscal year (FY) 2015-16 to the Pilot Funding for New Research (Pfund) component of the Board of Regents Support Fund (BoRSF) R & D Program. Nine disciplines were eligible, including agriculture, biological sciences I, biological sciences II, computer and information sciences, earth and environmental sciences, engineering "A" (i.e., chemical, civil, and electrical and electronics), mathematics, physics and astronomy, and social sciences. A complete list of proposals submitted is included in Appendix A.

THE REVIEW PROCESS

In-Depth Mail Review

During late November 2015, the Board of Regents' Sponsored Programs staff solicited the assistance of one hundred two reviewers. Each proposal was subjected to in-depth mail reviews for scientific and technical merit by two out-of-state professionals possessing expertise in the specific field of the proposal under review. Reviewers also evaluated the principal investigator's potential for attracting federal funding in the near term, and the institution's infrastructure to ensure reasonable success.

Staff Interdigitation of Recommended Proposals

Each reviewer scored the assigned proposal using the rubric provided by the Regents staff (see Appendix B). Following submission of two reviews, each proposal's average score was calculated. All proposals were ranked in order of prioritization based on the proposals' highest to lowest averaged score (**Table I**). Approximately \$340,000 is available for new Pfund projects in FY 2015-16; accordingly, seventeen (17) proposals are recommended for total funding of \$330,400, pending Board approval. The availability of funds for those proposals below rank order (17) is uncertain at this time. In the event additional funds become available the next highest ranking applicant(s) (in the event of a tie) shall be funded until available monies are exhausted. Proposals with average scores below 70 are not recommended for funding.

General Comments for Funded Projects

No reduction in the scope of work plans of projects recommended for funding shall be allowed.

Cost sharing and matching commitments are binding. As a condition of funding, types and amount of institutional matching commitments as stated in the proposal shall be maintained in full.

The project activation date is June 1, 2016 and the termination date is no later than June 30, 2017. No-cost extensions may be requested but are generally discouraged considering the goals of the Pfund program and should be limited to one (1) year.

In the event the principal investigator obtains a commitment of significant external funding prior to receipt of the Pfund award, the Pfund award should be vacated and the funds released to support the next highest ranking applicant(s) (in the event of a tie).

Debriefing

Reviewer evaluations for each Pfund proposal will be available to the applicant through LOGAN in July 2016.

TABLE I
PILOT FUNDING FOR NEW RESEARCH
PROPOSALS RANKED IN ORDER OF PRIORITIZATION

| RANK | AVERAGED SCORE | PROPOSAL NO. | INSTITUTION | FUNDS REQUESTED | FUNDS RECOMMENDED |
|-------------|---------------------------|-------------------------|--|----------------------------|------------------------------|
| 1 | 100 | 008C-16 | Louisiana State University and A & M College | \$20,000.00 | \$20,000.00 |
| 1 | 100 | 030C-16 | Louisiana Tech University | \$20,000.00 | \$20,000.00 |
| 3 | 99.5 | 039C-16 | Southeastern Louisiana University | \$19,950.00 | \$19,950.00 |
| 4 | 99 | 044C-16 | Tulane University Health Sciences Center | \$20,000.00 | \$20,000.00 |
| 4 | 99 | 045C-16 | University of Louisiana at Lafayette | \$20,000.00 | \$20,000.00 |
| 4 | 99 | 048C-16 | University of Louisiana at Lafayette | \$20,000.00 | \$20,000.00 |
| 7 | 98.5 | 016C-16 | Louisiana State University and A & M College | \$20,000.00 | \$20,000.00 |
| 8 | 98 | 013C-16 | Louisiana State University and A & M College | \$15,000.00 | \$15,000.00 |
| 8 | 98 | 026C-16 | Louisiana Tech University | \$20,000.00 | \$20,000.00 |
| 10 | 97.5 | 017C-16 | Louisiana State University and A & M College | \$20,000.00 | \$20,000.00 |
| 10 | 97.5 | 019C-16 | Louisiana State University and A & M College | \$20,000.00 | \$20,000.00 |
| 12 | 96.5 | 001C-16 | Louisiana State University Agricultural Center | \$19,000.00 | \$19,000.00 |
| 12 | 96.5 | 022C-16 | Louisiana State University and A & M College | \$20,000.00 | \$20,000.00 |
| 12 | 96.5 | 036C-16 | Nicholls State University | \$19,700.00 | \$19,700.00 |
| 12 | 96.5 | 040C-16 | Southeastern Louisiana University | \$20,000.00 | \$20,000.00 |
| 12 | 96.5 | 050C-16 | University of Louisiana at Lafayette | \$16,750.00 | \$16,750.00 |
| *17 | 96 | 038C-16 | Nicholls State University | \$20,000.00 | \$20,000.00 |
| 18 | 95.5 | 010C-16 | Louisiana State University and A & M College | \$19,999.00 | \$19,999.00 |
| 18 | 95.5 | 011C-16 | Louisiana State University and A & M College | \$16,000.00 | \$16,000.00 |
| 18 | 95.5 | 043C-16 | Tulane University Health Sciences Center | \$20,000.00 | \$20,000.00 |
| 21 | 95 | 009C-16 | Louisiana State University and A & M College | \$20,000.00 | \$20,000.00 |
| 21 | 95 | 012C-16 | Louisiana State University and A & M College | \$15,000.00 | \$15,000.00 |
| 21 | 95 | 025C-16 | Louisiana Tech University | \$20,000.00 | \$20,000.00 |
| 21 | 95 | 031C-16 | Louisiana Tech University | \$20,000.00 | \$20,000.00 |
| 21 | 95 | 032C-16 | Loyola University New Orleans | \$20,000.00 | \$20,000.00 |
| 26 | 94.5 | 018C-16 | Louisiana State University and A & M College | \$20,000.00 | \$20,000.00 |
| 27 | 94 | 002C-16 | Louisiana State University Agricultural Center | \$20,000.00 | \$20,000.00 |
| 27 | 94 | 003C-16 | Louisiana State University and A & M College | \$20,000.00 | \$20,000.00 |
| 29 | 93 | 046C-16 | University of Louisiana at Lafayette | \$19,720.00 | \$19,720.00 |

TABLE I
PILOT FUNDING FOR NEW RESEARCH
PROPOSALS RANKED IN ORDER OF PRIORITIZATION

| | | | | | |
|----|------|---------|---|-------------|-------------|
| 30 | 92 | 020C-16 | Louisiana State University and A & M College | \$19,260.00 | \$19,260.00 |
| 31 | 91.5 | 024C-16 | Louisiana Tech University | \$20,000.00 | \$20,000.00 |
| 32 | 90 | 007C-16 | Louisiana State University and A & M College | \$15,000.00 | \$15,000.00 |
| 33 | 89 | 037C-16 | Nicholls State University | \$20,000.00 | \$20,000.00 |
| 34 | 88.5 | 021C-16 | Louisiana State University and A & M College | \$20,000.00 | \$20,000.00 |
| 35 | 88 | 004C-16 | Louisiana State University and A & M College | \$20,000.00 | \$20,000.00 |
| 35 | 88 | 034C-16 | McNeese State University | \$20,000.00 | \$20,000.00 |
| 37 | 87.5 | 023C-16 | Louisiana State University and A & M College | \$20,000.00 | \$20,000.00 |
| 38 | 87 | 041C-16 | Southern University and A&M College - Baton Rouge | \$20,000.00 | \$20,000.00 |
| 39 | 86.5 | 047C-16 | University of Louisiana at Lafayette | \$20,000.00 | \$20,000.00 |
| 40 | 85 | 005C-16 | Louisiana State University and A & M College | \$20,000.00 | \$20,000.00 |
| 41 | 84 | 014C-16 | Louisiana State University and A & M College | \$20,000.00 | \$20,000.00 |
| 41 | 84 | 049C-16 | University of Louisiana at Lafayette | \$19,975.00 | \$19,975.00 |
| 43 | 80.5 | 042C-16 | Southern University at New Orleans | \$10,000.00 | \$10,000.00 |
| 44 | 80 | 051C-16 | University of Louisiana at Lafayette | \$19,000.00 | \$19,000.00 |
| 45 | 79 | 027C-16 | Louisiana Tech University | \$19,625.00 | \$19,625.00 |
| 46 | 78.5 | 035C-16 | McNeese State University | \$20,000.00 | \$20,000.00 |
| 47 | 78 | 015C-16 | Louisiana State University and A & M College | \$20,000.00 | \$20,000.00 |
| 48 | 67.5 | 028C-16 | Louisiana Tech University | \$20,000.00 | \$0.00 |
| 49 | 62.5 | 029C-16 | Louisiana Tech University | \$20,000.00 | \$0.00 |
| 50 | 54.5 | 006C-16 | Louisiana State University and A & M College | \$19,950.00 | \$0.00 |
| 51 | 47.5 | 033C-16 | McNeese State University | \$20,000.00 | \$0.00 |

Note: Availability of funds for those proposals below the () line is uncertain at this time.

Appendix A

List of Proposals Submitted

Proposals Submitted to the Research and Development Program - Pfund
for the FY 2015-16 Review Cycle

| Proposal # | PI Name | Category | Institution | Project Title | Amount Requested | Confidential Info |
|------------|--------------------------|---|--|---|------------------|-------------------|
| 001C-16 | Prof. Kenneth Bondioli | Agricultural Sciences | Louisiana State University Agricultural Center | Epigenetic Effects from Vitrification of Bovine Oocytes | \$19,000.00 | No |
| 002C-16 | Prof. Qinglin Wu | Engineering A [Chemical, Civil, Electrical, etc.] | Louisiana State University Agricultural Center | CELLULOSE NANOFIBER-SUPPORTED BATTERIES: ENERGY DENSITY CONTROL | \$20,000.00 | No |
| 003C-16 | Prof. Edgar Berdahl | Computer and Information Sciences | Louisiana State University and A & M College | Evaluation of Haptic Force-Feedback Display Technology for Public Installations | \$20,000.00 | No |
| 004C-16 | Prof. Steve C.S. Cai | Engineering A [Chemical, Civil, Electrical, etc.] | Louisiana State University and A & M College | Development of a green and smart bonding material for structural health monitoring | \$20,000.00 | No |
| 005C-16 | Prof. Jin-Woo Choi | Engineering A [Chemical, Civil, Electrical, etc.] | Louisiana State University and A & M College | A Novel Patch Electrode for Bioelectric Interface | \$20,000.00 | No |
| 006C-16 | Dr. Joyoni Dey | Physics/Astronomy | Louisiana State University and A & M College | Design and Optimization of Inexpensive Grating for Phase-Contrast X-ray | \$19,950.00 | No |
| 007C-16 | Prof. Huang Ding | Biological Sciences I | Louisiana State University and A & M College | Explore the nitric oxide-mediated modification in human mitoNEET using mass spectroscopy | \$15,000.00 | No |
| 008C-16 | Prof. Guoxiang Gu | Engineering A [Chemical, Civil, Electrical, etc.] | Louisiana State University and A & M College | Low Cost Autonomous Driving Vehicles Based on Cooperative Control for Multi-Agent Systems | \$20,000.00 | No |
| 009C-16 | Dr. Junhong Liang | Earth/Environmental Sciences | Louisiana State University and A & M College | Modeling spilled oil, plankton, and fish in the turbulent upper ocean | \$20,000.00 | No |
| 010C-16 | Dr. Chuanlan Liu | Social Sciences | Louisiana State University and A & M College | Symbolic Ingredient Branding to Promote Premier Locally Produced Material in Global Consumer Market: An Exploratory Study on American Wild Alligator | \$19,999.00 | No |
| 011C-16 | Prof. Ling Long | Mathematics | Louisiana State University and A & M College | Hypergeometric functions and modular forms | \$16,000.00 | No |
| 012C-16 | Dr. Rui Lu | Biological Sciences I | Louisiana State University and A & M College | A functional role of human Ago2 in antiviral RNA silencing | \$15,000.00 | No |
| 013C-16 | Dr. Gregg Pettis | Biological Sciences I | Louisiana State University and A & M College | Germination studies of Clostridial isolates that cause flood-associated soft rot of sweet potato | \$15,000.00 | No |
| 014C-16 | Dr. Victor Rivera-Monroy | Biological Sciences II | Louisiana State University and A & M College | Impact of Navigational Channels on Biogeochemical-based Ecosystem Services in Coastal Louisiana | \$20,000.00 | No |
| 015C-16 | Dr. Laurel Romeo | Social Sciences | Louisiana State University and A & M College | Decremental Analysis of Body Shape and Size for Apparel Product Development | \$20,000.00 | No |
| 016C-16 | Prof. Ashok Srivastava | Engineering A [Chemical, Civil, Electrical, etc.] | Louisiana State University and A & M College | Photo Effect Studies on Graphene and Graphene Transistors | \$20,000.00 | No |
| 017C-16 | Prof. Frank Tsai | Earth/Environmental Sciences | Louisiana State University and A & M College | Reconstruction of Louisiana Groundwater Systems for Hydraulic Fracturing Study | \$20,000.00 | No |
| 018C-16 | Prof. Georgios Veronis | Engineering A [Chemical, Civil, Electrical, etc.] | Louisiana State University and A & M College | Tunable graphene-based multispectral photodetectors, mode converters, and optical diodes | \$20,000.00 | No |
| 019C-16 | Prof. Shuangqing Wei | Engineering A [Chemical, Civil, Electrical, etc.] | Louisiana State University and A & M College | Stochastic Modeling of First Responders' Communication Patterns in Louisiana Wireless Information Network [LWIN] | \$20,000.00 | No |
| 020C-16 | Dr. Carol Wilson | Earth/Environmental Sciences | Louisiana State University and A & M College | Understanding the underlying architecture of the Mississippi River Delta for restoration projects: connecting natural river processes with sedimentation, wetland creation, and subsurface stratigraphy preserved | \$19,260.00 | No |
| 021C-16 | Dr. Yejun Wu | Computer and Information Sciences | Louisiana State University and A & M College | Developing an Event Relationship Description and Visualization Prototype | \$20,000.00 | No |
| 022C-16 | Dr. Yimin Zhu | Engineering A [Chemical, Civil, Electrical, etc.] | Louisiana State University and A & M College | Temporal-Spatial Event-Driven Modeling of Occupant Behavior in Immersive Virtual Environments | \$20,000.00 | No |

Proposals Submitted to the Research and Development Program - Pfund
for the FY 2015-16 Review Cycle

| Proposal # | PI Name | Category | Institution | Project Title | Amount Requested | Confidential Info |
|------------|-------------------------|---|---|--|------------------|-------------------|
| 023C-16 | Dr. Guangsheng Zhuang | Earth/Environmental Sciences | Louisiana State University and A & M College | Characterization of the Cenozoic sedimentation in the nonmarine, petroliferous Qaidam Basin, Northwest China | \$20,000.00 | No |
| 024C-16 | Dr. Natalie Clay | Biological Sciences II | Louisiana Tech University | Predicting herbivory across a salinity gradient | \$20,000.00 | No |
| 025C-16 | Dr. Dentcho Genov | Engineering A [Chemical, Civil, Electrical, etc.] | Louisiana Tech University | All-optical switching using extraordinary high thermo-optic nonlinearity of surface electronic waves at doped semiconductor interfaces | \$20,000.00 | No |
| 026C-16 | Prof. Yuri Lvov | Engineering A [Chemical, Civil, Electrical, etc.] | Louisiana Tech University | Halloysite microtubes as templates for separate inside/outside catalytic nanoparticles | \$20,000.00 | No |
| 027C-16 | Dr. David Mills | Biological Sciences I | Louisiana Tech University | Bioengineered Two-Layered Periosteum for Tissue Regeneration | \$19,625.00 | No |
| 028C-16 | Dr. Jamie Newman | Biological Sciences I | Louisiana Tech University | The Role of Notch in Regulating Mesenchymal Stem Cell State | \$20,000.00 | No |
| 029C-16 | Dr. Yuri Voziyanov | Biological Sciences I | Louisiana Tech University | Correction of the albino mutation in the mouse tyrosinase gene | \$20,000.00 | No |
| 030C-16 | Prof. Shengnian Wang | Engineering A [Chemical, Civil, Electrical, etc.] | Louisiana Tech University | Additive Manufacturing Stitched Composite Nanofibers as electrodes for Lithium Batteries | \$20,000.00 | No |
| 031C-16 | Prof. Sandra Zivanovic | Engineering A [Chemical, Civil, Electrical, etc.] | Louisiana Tech University | Optical Detection of Bacillus Anthracis Bacterial Spores | \$20,000.00 | No |
| 032C-16 | Dr. Kimberlee Mix | Biological Sciences I | Loyola University New Orleans | Nuclear receptor 4A2 mediates early responses to inflammation in the human TNF-alpha transgenic mouse model of arthritis | \$20,000.00 | No |
| 033C-16 | Dr. Jacob Borden | Engineering A [Chemical, Civil, Electrical, etc.] | McNeese State University | Experimental Conditions and Analytical Methods Appropriate for Hydrothermal Liquefaction of Bagasse-Derived Lignin | \$20,000.00 | No |
| 034C-16 | Dr. Amber Hale | Biological Sciences I | McNeese State University | Using Zebrafish to Characterize The Role and Regulation of Autophagy In Early Development and Differentiation | \$20,000.00 | No |
| 035C-16 | Dr. Kaiser Khan | Engineering A [Chemical, Civil, Electrical, etc.] | McNeese State University | Design of High Efficiency And Reliability Permanent Magnet Electrically Submersible Motor With Higher Fault Tolerance Capacity | \$20,000.00 | No |
| 036C-16 | Prof. Raj Boopathy | Earth/Environmental Sciences | Nicholls State University | Frequency Occurrence of Methicillin Resistant Staphylococcus aureus [MRSA] and MecA gene in Local Waterways of LaFourche and Terrebonne Parishes | \$19,700.00 | No |
| 037C-16 | Dr. Allyse Ferrara | Biological Sciences II | Nicholls State University | Isolation of alligator gar liver fractions and hepatocytes for in vitro toxicity and bioaccumulation assessments | \$20,000.00 | No |
| 038C-16 | Dr. Enmin Zou | Biological Sciences I | Nicholls State University | Hormonal control of epidermal carbonic anhydrase and its role in cuticular mineralization in the blue crab, Callinectes sapidus | \$20,000.00 | No |
| 039C-16 | Dr. Patrick McDowell | Computer and Information Sciences | Southeastern Louisiana University | Development of an Autonomous Platform for Bald Cypress Swamp Restoration | \$19,950.00 | No |
| 040C-16 | Prof. Sanichiro Yoshida | Physics/Astronomy | Southeastern Louisiana University | Opto-acoustic technique for residual stress analysis | \$20,000.00 | No |
| 041C-16 | Dr. Ebonee Johnson | Social Sciences | Southern University and A&M College - Baton Rouge | Exploring the Intersection of Age, Race, Gender, Poverty and Illness on Co- or Multi-morbidity among African American Women Living with HIV | \$20,000.00 | No |
| 042C-16 | Dr. Yi Zhen | Physics/Astronomy | Southern University at New Orleans | Using Multiple Regression Analysis to Study Physical Mechanism of 3D printed-Structures' Antibacterial Effect | \$10,000.00 | No |
| 043C-16 | Dr. Jeffrey Han | Biological Sciences I | Tulane University Health Sciences Center | The role of L1 retrotransposition in mammalian infertility | \$20,000.00 | No |
| 044C-16 | Dr. Heather Machado | Biological Sciences I | Tulane University Health Sciences Center | Gas6 Regulation of Early Breast Cancer Progression | \$20,000.00 | No |
| 045C-16 | Dr. Daniel Gang | Engineering A [Chemical, Civil, Electrical, etc.] | University of Louisiana at Lafayette | Functionalized Mesoporous Sorbents Development for Hydraulic Fracturing Flowback Water Treatment | \$20,000.00 | No |
| 046C-16 | Prof. Thomas Junk | Engineering A [Chemical, Civil, Electrical, etc.] | University of Louisiana at Lafayette | Conversion of alligator fat to biodiesel in a supercritical flow reactor | \$19,720.00 | No |

Proposals Submitted to the Research and Development Program - Pfund
for the FY 2015-16 Review Cycle

| Proposal # | PI Name | Category | Institution | Project Title | Amount Requested | Confidential Info |
|------------|------------------------|---|--------------------------------------|--|------------------|-------------------|
| 047C-16 | Dr. Febec Louka | Earth/Environmental Sciences | University of Louisiana at Lafayette | Investigating the efficiency of ecofriendly adsorbents as pollutant extractors | \$20,000.00 | No |
| 048C-16 | Dr. Mohammad Madani | Engineering A [Chemical, Civil, Electrical, etc.] | University of Louisiana at Lafayette | Multi-functional electro-optic devices using nanoparticle doped liquid crystals | \$20,000.00 | No |
| 049C-16 | Dr. Michael McDermott | Social Sciences | University of Louisiana at Lafayette | Emotion Regulation as a Mediator of the Relation between Posttraumatic Stress Disorder and Physical Health | \$19,975.00 | No |
| 050C-16 | Prof. Aghalaya Vatsala | Mathematics | University of Louisiana at Lafayette | An Innovative Numerical Approach for Fractional Dynamic Systems with Applications | \$16,750.00 | No |
| 051C-16 | Dr. Yi-Hong Wang | Agricultural Sciences | University of Louisiana at Lafayette | Enhancing sugar yield in sorghum through genetic transformation of mapped genes | \$19,000.00 | No |

| | |
|-------------------------------------|--------------|
| Total Number of Proposals submitted | 51 |
| Total Funds Requested | \$983,929.00 |

Appendix B

Pfund Rating Forms

Pilot Funding for New Research (Pfund) Component
Proposal Evaluation Form for **TENURED Applicants**

Principal Investigator name: _____ PI Institution: _____

Instructions: Please read the RFP, the proposal, and all accompanying information carefully, then score the proposal, using the following criteria and point allowances:

| Criteria | Points awarded |
|--|----------------|
| 1. Does the proposed research project appear to be technically and scientifically sound? In particular, does the proposed research indicate a significant shift in the applicant's research focus? (50 points) | _____ |
| 2. Do the proposed research and supporting materials provide convincing evidence of the potential to attract federal funding in the near term? (40 points) | _____ |
| 3. Are the budget, timeline, and infrastructure reasonable to ensure success? (10 points) | _____ |
| 4. Total Score (of a possible 100 points) | _____ |

Please provide constructive comments that can be relayed to the applicant. Use additional pages if necessary. (Your identity will be kept confidential.)

Reviewer's Signature: _____ **Date:** _____

Printed Name:

By signing this form (or printing your name where indicated and returning this form electronically), you agree to maintain in confidence any information, documentation, and material of any kind (hereafter referred to as "Material") included in this proposal. You further agree not to divulge, publish, file patent application on, claim ownership of, exploit or make any other use whatsoever of said "Material" without written permission of the principal investigator. You also certify that, to the best of your knowledge, no conflict of interest exists or is created as a result of your review of this proposal. Consultant also certifies that he/she is not presently debarred, suspended, proposed for disbarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.

(Form 6.41, rev. 2015)

Appendix B (continued)

Pilot Funding for New Research (Pfund) Component

Proposal Evaluation Form for **TENURE-TRACK** Applicants

Principal Investigator name: _____ PI Institution: _____

Instructions: Please read the RFP, the proposal, and all accompanying information carefully, then score the proposal, using the following criteria and point allowances:

| Criteria | Points awarded |
|--|----------------|
| 1. Does the proposed research project appear to be technically and scientifically sound? Will the proposed research significantly enhance the applicant's research focus, substantially advance the exploration of new ideas, and/or enable the applicant to become proficient in utilizing cutting-edge techniques? (50 points) | _____ |
| 2. Do the proposed research and supporting materials provide convincing evidence of the potential to attract federal funding in the near term? (40 points) | _____ |
| 3. Are the budget, timeline, and infrastructure reasonable to ensure success? (10 points) | _____ |
| 4.Total Score (of a possible 100 points) | _____ |

Please provide constructive comments that can be relayed to the applicant. Use additional pages if necessary. (Your identity will be kept confidential.)

Reviewer's Signature: _____ Date: _____

Printed Name:

By signing this form (or printing your name where indicated and returning this form electronically), you agree to maintain in confidence any information, documentation, and material of any kind (hereafter referred to as "Material") included in this proposal. You further agree not to divulge, publish, file patent application on, claim ownership of, exploit or make any other use whatsoever of said "Material" without written permission of the principal investigator. You also certify that, to the best of your knowledge, no conflict of interest exists or is created as a result of your review of this proposal. Consultant also certifies that he/she is not presently debarred, suspended, proposed for disbarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.

(Form 6.42, rev. 2015)