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| **Internal Institutional Documents** | **Date:** |
| **All items are due to OSP three business days before the Sponsor’s deadline** |  |
| IAS Form |  |
| FCOI Training |  |
| FCOI Disclosure Form |  |

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| **Items for Grant Application** | **Date:** |
| **Formatting Requirements**   * Font (Arial/Courier New/ Palatino 10 pt or larger, Times New Roman/Computer Modern 11 pt or larger) * A font size of less than 10 points or other fonts not specified, such as Cambria Math, may be used for mathematical formulas or equations, figures, table or diagram captions and when using a Symbol font to insert Greek letters or special characters. PIs are cautioned, however, that the text must still be readable * 1-inch margins in all directions * No proposer-supplied information may appear in the margins * Paper size must be no larger than standard letter paper size (8 ½ by 11”) * Single-column format should be used * Do not paginate the documents |  |
| **Cover Sheet**   * There are four major components of the Cover Sheet. * A number of the boxes contained on the Cover Sheet are pre-filled as part of the login process. * To allow OSP to review and submit a proposal, you must click on Proposal Access for SPO/AOR on the Proposal Forms page in research.gov. You can choose to proceed to provide access even if error(s)/warning(s) display. Continue past any error(s)/warning(s) and select Edit access with Allow proposal submission. |  |
| **Project Summary**   * Three separate, distinct sections with headers:   + Overview   + Intellectual Merit   + Broader Impacts * Upload as PDF * 1 page maximum |  |
| **Table of Contents**   * Automatically updates |  |
| **Project Description**   * Meets page limit (usually 15 but refer to solicitation) * All graphics/figures/charts in the document uploaded ok * Separate section for and titled as “Broader Impacts” * No URLs * Includes Results from Prior NSF Support section (limited to 5 pages)   + Current funding or an award with an end date in the past five years   + All required elements:     - NSF award number, Total amount of award, and Period of support     - Title of the project     - Summary of results:       * Intellectual Merit section related to prior support (with heading “Intellectual Merit”)       * Broader Impacts section related to prior support (with heading “Broader Impacts”)     - Publications resulting from NSF award (complete bibliographic citation in this section or in references); if none, state “No publications were produced under this award.”     - Evidence of research products and availability     - If the proposal is for renewed support, a description of the relation of the completed work to the proposed work.   + If the project was recently awarded and therefore no new results exist, describe the major goals and broader impacts of the project. |  |
| **References Cited**   * Includes bibliographic citations only and does not provide parenthetical information outside of the 15-page Project Description * All author names are listed and fully written out (i.e., no “et al”) * Names appear in the order they appear in publication * Include article or chapter title and, for book chapters, book title * Include start and end page numbers * URLS of referenced publications allowed |  |
| **Biographical Sketch(es)**   * The mandate to use [SciENCV](https://www.ncbi.nlm.nih.gov/sciencv/). only for preparation of the biographical sketch will go into effect for new proposals submitted or due on or after October 23, 2023. In the interim, proposers may continue to prepare and submit this document via use of SciENcv or the [NSF fillable form](https://www.nsf.gov/bfa/dias/policy/biosketch.jsp). NSF, however, encourages the community to use SciENcv prior to the October 2023 implementation * Provided separately for each PI, all Co-PIs, and any senior personnel, regardless of role (cannot be combined into one file) * No more than 3 pages per biosketch * Includes all and only the required elements:   + Professional Preparation – reverse chronological order, include institution, location, major, degree and year (or postdoctoral field and years)   + Appointments in reverse chronological order (begin with current position)   + Products     - Up to 5 most closely related and up to 5 other significant, publications must be published or submitted for publication     - List publications using same guidelines as for References, above   + Synergistic Activities – list up to 5 |  |
| **Budget and Budget Justification**   * If no person/months and no salary are requested for any individual listed as senior personnel, that individual should not be listed on the budget * No more than 5 pages * Each budget line item is documented and justified in the budget justification * Include rates of pay for all paid personnel * Include the definition of “year” in the budget justification * If more than 2 months salary requested, justification included * Travel must be specified, itemized, and justified by destination and cost |  |
| **Current and Pending Support**   * The mandate to use [SciENCV](https://www.ncbi.nlm.nih.gov/sciencv/) only for the preparation of current and pending (other) support information will go into effect for new proposals submitted or due on or after October 23, 2023. In the interim, proposers may continue to prepare and submit this document via use of SciENcv or the [NSF fillable form](https://www.nsf.gov/bfa/dias/policy/cps.jsp). NSF, however, encourages the community to use SciENcv prior to the October 2023 implementation. * Provided separately for PI, all Co-PIs, and any senior personnel, regardless of role (cannot be combined into a single file) * All current and pending support from whatever source (e.g., Federal, State, local or foreign government agencies, public or private foundations, industrial or other commercial organizations, or internal funds allocated toward specific projects) must be listed   o Include MSU funds allocated to specific projects (but not start-up funds)   * List this proposal as pending support * Information for each project complete, including non-zero-time commitment * Updated to require that information on objectives and overlap with other projects be provided, to help NSF and reviewers assess overlap/duplication. This section also has been updated to include reference to a new table entitled NSF Pre-award and Post-award Disclosures Relating to the Biographical Sketch and Current and Pending Support. The table has been developed to assist users in completion of these sections of the proposal. |  |
| **Facilities, Equipment and Other Resources**   * In narrative style, include an aggregated description of the internal and external resources (both physical and personnel) that the organization and its collaborators will provide to the project * No cost sharing language (i.e., no exact amounts to be contributed to the project) although other resources may be included * Includes description of unfunded collaborations * Include description of unfunded senior personnel role(s) on project |  |
| **Special Information and Supplementary Documentation**   * Data Management Plan and Sharing of the Products of Research   + No more than 2 pages. See [NSF directorate specific guides](https://www.nsf.gov/bfa/dias/policy/dmp.jsp) * Mentoring Plan for Postdocs *(only included if postdocs are on the project)*   + Limited to 1 page * Other Supplementary Documentation   + Only documents requested by solicitation/guideline   + Letters of collaboration only (no letters of support, limit to stating intent to collaborate, should not contain endorsements or evaluation of project)   + Letters of collaboration from unfunded collaborations   + All letters of collaboration follow PAPPG format |  |
| **Single Copy Documents**   * Collaborators & Other Affiliations (separate document for each senior person)   + Must follow the instructions and use the excel template found on the [NSF Webpage.](https://www.nsf.gov/bfa/dias/policy/coa.jsp)   + The instructions at the top of the template may be deleted and rows may be inserted as needed to provide additional names. * Optional list of suggested reviewers * Optional list of reviewers not to include |  |