AUTOMATED PROPOSAL COMPLIANCE CHECKS PERFORMED BY RESEARCH.GOV AS OF MAY 2, 2022

Scroll down to view each Research.gov automated compliance checks table or use the links below:

I. Full Proposals

II. Preliminary Proposals

III. Letters of Intent

IV. Renewal Proposals

V. Accomplishment-Based Renewal Proposals



LEGEND

✓ = The system runs a compliance check and an Error or Warning message will be displayed (as noted in the "Error/Warning" column) if the proposal fails the compliance check.

N/A = The system does not run a compliance check because the proposal rule doesn't apply for this type of proposal.

= Checks only performed by Research.gov.

| | AUTOMATED PRO | POSAL (| OMPLIA | NCE CHEC | KS PEI | RFORM | 1ED BY | RESE | ARCH. | GOV A | S OF MAY | 2, 2022 FOI | R FULL | PROPO | SALS | |
|----|---|---------|----------|----------|--------|----------|----------|-----------|--------------|--------|-------------|-------------|-------------|--------|----------------------------|------------|
| ,, | GOAADUANGE GUEGV | ERROR/ | | | | | | | | TYPE C | OF PROPOSAL | | | | | |
| # | COMPLIANCE CHECK | WARNING | RESEARCH | PLANNING | RAPID | EAGER | RAISE | GOALI | IDEAS LAB | FASED | CONFERENCE | EQUIPMENT | TRAVEL | CENTER | RESEARCH INFRASTRUCTURE | FELLOWSHIP |
| | | | | | PF | OPOSAL S | ECTION E | XISTS CHE | скѕ | | | | | | | |
| 1 | Project Summary is required. | Error | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ | ✓ |
| 2 | Project Description is required. | Error | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ | 1 | 1 | ✓ | ✓ |
| 3 | References Cited is required (see note 4). | Error | 1 | 1 | 1 | 1 | 1 | 1 | √ | 1 | N/A | 1 | N/A | 1 | ✓ | ✓ |
| 4 | Budget Justification(s) is required. | Error | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ | 1 |
| 5 | Facilities, Equipment and Other Resources is required (conditionally required for Conference and Travel proposals). | Error | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ |
| 6 | Biographical Sketch is required for each PI/co-PI/Senior Personnel (see notes 4 & 5). | Error | 1 | 1 | 1 | 1 | 1 | 1 | > | 1 | N/A | > | N/A | 1 | ✓ | ✓ |
| 7 | Current and Pending Support is required for each PI/co-PI/Senior Personnel. | Error | 1 | 1 | 1 | 1 | 1 | 1 | > | 1 | 1 | > | > | 1 | > | 1 |
| 8 | Collaborators and Other Affiliations is required (conditionally required for Conference proposals) (see note 5). | Error | 1 | 1 | 1 | 1 | √ | 1 | √ | 1 | 1 | √ | > | 1 | ✓ | 1 |
| 9 | Data Management Plan is required | Error | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ | \ | 1 | ✓ | / |
| 10 | Postdoctoral Mentoring Plan is required if funding is requested to support postdoctoral researchers. | Error | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | √ | / |

| ,, | COMPLIANCE CITES | ERROR/ | | | | | | | | TYPE C | OF PROPOSAL | | | | | |
|----|--|---------|----------|----------|-------|-----------|-----------|-------------|--------------|----------|-------------|-----------|--------|--------|----------------------------|------------|
| # | COMPLIANCE CHECK | WARNING | RESEARCH | PLANNING | RAPID | EAGER | RAISE | GOALI | IDEAS LAB | FASED | CONFERENCE | EQUIPMENT | TRAVEL | CENTER | RESEARCH INFRASTRUCTURE | FELLOWSHIP |
| | | | | | | DOCUM | ENT EXIST | S CHECKS | | | | | | | | |
| 11 | Proposal Update Justification is required (Proposal File Update/Budget Revision Justification). | Error | 1 | 1 | 1 | 1 | 1 | ✓ | 1 | ✓ | 1 | ✓ | 1 | 1 | ✓ | ✓ |
| 12 | Nature of Natural or Anthropogenic Event document is required (conditionally required). | Error | 1 | 1 | 1 | ✓ | 1 | 1 | ✓ | 1 | 1 | ✓ | 1 | 1 | 1 | ✓ |
| 13 | Proprietary or Privileged Information document is required (conditionally required). | Error | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ | 1 |
| 14 | Disclosure of Lobbying Activities document is required (conditionally required). | Error | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ | 1 |
| 15 | Project data form is required (conditionally required). | Error | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ | N/A |
| 16 | A Program Officer Concurrence Email is required for RAPID, EAGER, and RAISE proposals. | Error | N/A | N/A | 1 | 1 | 1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 17 | A Program Officer Concurrence Email is required for Planning proposals. | Error | N/A | 1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 18 | An Industrial PI Confirmation Letter(s) is required for GOALI proposals. | Error | N/A | N/A | N/A | N/A | N/A | √ | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | | | | | PROP | OSAL SECT | TION PAG | E COUNT (| HECKS | | | | | | | |
| 19 | Project Summary page count cannot exceed 1 page. | Error | √ | √ | 1 | ✓ | ✓ | √ | 1 | ✓ | 1 | √ | 1 | 1 | 1 | 1 |
| 20 | Project Description page count cannot exceed 5 pages for a RAPID proposal. | Error | N/A | N/A | 1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 21 | Project Description page count cannot exceed 8 pages for an EAGER proposal. | Error | N/A | N/A | N/A | √ | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 22 | Project Description page count cannot exceed 8 pages for a Planning proposal. | Error | N/A | 1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 23 | Project Description page count cannot exceed 15 pages. | Error | N/A | N/A | N/A | N/A | √ | > | N/A | √ | 1 | √ | 1 | N/A | N/A | ✓ |
| 24 | Project Description page count cannot exceed the page count listed in the program solicitation. | Error | > | N/A | N/A | N/A | N/A | N/A | √ | N/A | N/A | N/A | N/A | 1 | 1 | N/A |
| 25 | Biographical Sketch page count cannot exceed 3 pages per PI/co-PI/Senior Personnel (see notes 4 & 5). | Error | ✓ | 1 | 1 | √ | 1 | √ | ✓ | 1 | 1 | √ | 1 | 1 | 1 | ✓ |
| 26 | Budget Justification page count cannot exceed 5 pages. | Error | ✓ | 1 | 1 | ~ | 1 | ✓ | 1 | ✓ | 1 | < | 1 | 1 | 1 | ✓ |
| 27 | Postdoctoral Mentoring Plan page count cannot exceed 1 page. | Error | 1 | 1 | 1 | 1 | 1 | √ | 1 | 1 | 1 | ✓ | 1 | 1 | 1 | 1 |
| 28 | Data Management Plan page count cannot exceed 2 pages. | Error | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ |
| | | | | | PRO | POSAL SE | CTION HE | ADING CH | ECKS | | | | | | | |
| 29 | Project Summary must contain the headings "Overview," "Intellectual Merit," and "Broader Impacts." The heading must appear on a line without additional text. | Error | 1 | 1 | 1 | √ | 1 | 1 | ✓ | 1 | 1 | ✓ | 1 | 1 | 1 | 1 |
| 30 | Project Description must contain the heading "Broader Impacts." The heading must appear on a line without additional text. | Error | 1 | ✓ | 1 | 1 | 1 | 1 | ✓ | ✓ | 1 | 1 | 1 | 1 | ✓ | ✓ |

| | | FRROR/ | | | | | | | | TYPE (| OF PROPOSAL | | | | | |
|----|---|-------------------|----------|----------|-----------|-----------|---------|----------|--------------|-------------|-------------|-------------|---|--------|----------------------------|------------|
| # | COMPLIANCE CHECK | ERROR/ WARNING | RESEARCH | PLANNING | RAPID | EAGER | RAISE | GOALI | IDEAS LAB | FASED | CONFERENCE | EQUIPMENT | TRAVEL | CENTER | RESEARCH INFRASTRUCTURE | FELLOWSHIP |
| | | | A | 1 | ı | PROPOSAI | SECTION | URL CHEC | KS | | | | | | | |
| 31 | Hyperlinks (URLs) must not be used in the Project Description. | Error | 1 | 1 | 1 | 1 | 1 | 1 | ✓ | 1 | 1 | ✓ | 1 | 1 | ✓ | ✓ |
| | | | | PROPOS | SAL PROJE | CT DATA F | ORM DOO | UMENT C | HECKS (SE | E NOTE 8) | | | | | | |
| 32 | Program track has not been selected on the project data form. | Error | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ | 1 | 1 | 1 | N/A |
| 33 | Category has not been selected on the project data form (conditionally required). | Error | 1 | 1 | 1 | 1 | 1 | 1 | √ | 1 | 1 | > | √ | 1 | ✓ | N/A |
| 34 | Highest degree has not been selected on the project data form. | Error | 1 | 1 | 1 | 1 | 1 | 1 | √ | 1 | 1 | > | > | 1 | ✓ | N/A |
| 35 | Institution type has not been selected on the project data form. | Error | 1 | 1 | 1 | 1 | 1 | 1 | > | 1 | 1 | > | > | 1 | 1 | N/A |
| 36 | An Add Other Organization section selection has not been made on the project data form. | Error | 1 | 1 | 1 | 1 | 1 | 1 | √ | 1 | 1 | > | √ | 1 | 1 | N/A |
| 37 | At least one organization has been be added to the project data form when the Add Other Organization section indicates other organizations will be involved in the project. | Error | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | \ | 1 | 1 | 1 | N/A |
| 38 | Discipline has not been selected on the project data form. | Error | 1 | 1 | 1 | 1 | 1 | 1 | ✓ | 1 | 1 | √ | ✓ | 1 | 1 | N/A |
| 39 | Primary academic focus level has not been selected on the project data form. | Error | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ | 1 | 1 | 1 | N/A |
| 40 | Private sector participation has not been selected on the project data form. | Error | 1 | 1 | 1 | 1 | 1 | 1 | > | 1 | 1 | > | > | 1 | 1 | N/A |
| 41 | A value has not been entered in any of the following fields in the Estimated Number of Individuals Involved section of the project data form: • PreK-12 Students • PreK-12 Teachers • Undergraduate Students • Graduate Students • Postdoctoral Fellows • Higher Education Faculty | Error | 1 | 1 | 1 | / | 1 | 1 | > | > | 1 | > | > | 1 | • | N/A |
| 42 | A lead organization proposal in a separately submitted collaborative with a program selection requiring submission of the project data form cannot change to a program that does not require submission of the project data form when a linked non-lead proposal is in the 'Submission Pending' status. | Error | 1 | 1 | 1 | 1 | 1 | 1 | > | √ | 1 | > | > | 1 | 1 | N/A |
| 43 | A lead organization proposal in a separately submitted collaborative with a program selection not requiring submission of the project data form cannot change to a program requiring submission of the project data form when a linked non-lead proposal is in the 'Submission Pending' status. | Error | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | V | s e e e e e e e e e e e e e e e e e e e | 1 | 1 | N/A |

| | | ERROR/ | | | | | | | | TYPE C | OF PROPOSAL | | | | | |
|----|---|---------|----------|----------|-------|----------|-----------|-----------|--------------|--------|-------------|-------------|----------|----------|----------------------------|------------|
| # | COMPLIANCE CHECK | WARNING | RESEARCH | PLANNING | RAPID | EAGER | RAISE | GOALI | IDEAS LAB | FASED | CONFERENCE | EQUIPMENT | TRAVEL | CENTER | RESEARCH INFRASTRUCTURE | FELLOWSHIP |
| | | | | | PRC | POSAL SE | CTION FIL | E TYPE CH | ECKS | | | | | | | |
| 44 | .xlsx document is the only acceptable file upload type for: Collaborators and Other Affiliations (conditionally required for Conference proposals) (see note 5) | Error | 1 | 1 | 1 | 1 | 1 | V | √ | 1 | 1 | > | N/A | 1 | 1 | 1 |
| 45 | PDF document is the only acceptable file upload type for: Project Summary Project Description References Cited (see note 4) Other Personnel Biographical Information Budget Justification(s) Facilities, Equipment and Other Resources Postdoctoral Mentoring Plan Data Management Plan Other Supplementary Documents List of Suggested Reviewers List of Reviewers Not to Include Budget Impact Statement Special Exception – Natural or Anthropogenic Event Proprietary or Privileged Information Disclosure of Lobbying Activities Additional Single Copy Documents | Error | , | 1 | 1 | V | V | > | V | V | √ | > | √ | \ | • | ✓ |
| 46 | PDF document is the only acceptable file upload type for: Letter(s) of Collaboration Research Support Host Institution Letter(s) Letter(s) of Support PhD Abstract (conditionally required) | Error | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | / |
| 47 | PDF document is the only acceptable file upload type for: • Biographical Sketch (see notes 4 & 5) • Current and Pending Support | Error | 1 | 1 | 1 | 1 | 1 | \ | \ | 1 | 1 | √ | 1 | 1 | ✓ | 1 |
| 48 | PDF document is the only acceptable file upload type for: • Program Officer Concurrence Email | Error | N/A | 1 | 1 | 1 | ✓ | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 49 | PDF document is the only acceptable file upload type for: Industrial PI Confirmation Letter Intellectual Property Agreement | Error | N/A | N/A | N/A | N/A | N/A | ✓ | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

| | | ERROR/ | | | | | | | | TYPE C | OF PROPOSAL | | | | | |
|----|---|---------|----------|----------|-------|----------|-----------|----------|--------------|--------|-------------|-----------|--------|--------|----------------------------|------------|
| # | COMPLIANCE CHECK | WARNING | RESEARCH | PLANNING | RAPID | EAGER | RAISE | GOALI | IDEAS LAB | FASED | CONFERENCE | EQUIPMENT | TRAVEL | CENTER | RESEARCH INFRASTRUCTURE | FELLOWSHIP |
| | | | | | PROP | OSAL SEC | TION FILE | UPLOAD (| HECKS | | | | | | | |
| 50 | PDF file must not be password protected or have restricted permissions: Project Summary Project Description References Cited (see note 4) Other Personnel Biographical Information Budget Justification(s) Facilities, Equipment and Other Resources Postdoctoral Mentoring Plan Data Management Plan Other Supplementary Documents List of Suggested Reviewers List of Reviewers Not to Include Budget Impact Statement Special Exception – Natural or Anthropogenic Event Proprietary or Privileged Information Disclosure of Lobbying Activities Additional Single Copy Documents | Error | V | √ | Į. | * | V | V | V | 1 | • | V | 1 | • | V | / |
| 51 | PDF file must not be password protected or have restricted permissions: • Letter(s) of Collaboration • Research Support • Host Institution Letter(s) • Letter(s) of Support • PhD Abstract (conditionally required) | Error | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | / |
| 52 | PDF file must not be password protected or have restricted permissions: Biographical Sketch (see notes 4 & 5) Current and Pending Support | Error | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | √ | 1 | 1 | √ | √ |
| 53 | PDF file must not be password protected or have restricted permissions: Program Officer Concurrence Email | Error | N/A | 1 | 1 | 1 | ✓ | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 54 | PDF file must not be password protected or have restricted permissions: Industrial PI Confirmation Letter Intellectual Property Agreement | Error | N/A | N/A | N/A | N/A | N/A | ✓ | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 55 | PDF file must be in an NSF-approved format: • Biographical Sketch (see notes 4 & 5) • Current and Pending Support | Error | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ | 1 |
| 56 | Document must not contain invalid characters in the column names for: • Collaborators and Other Affiliations (conditionally required for Conference proposals) (see note 5) | Error | 1 | 1 | 1 | 1 | ✓ | ✓ | 1 | 1 | 1 | ✓ | N/A | 1 | √ | 1 |

| | | ERROR/ | | | | | | | | TYPE C | OF PROPOSAL | | | | | |
|----|---|-------------------|----------|----------|-------|-------|-------|-------|--------------|--------|-------------|-----------|--------|----------|----------------------------|------------|
| # | COMPLIANCE CHECK | ERROR/ WARNING | RESEARCH | PLANNING | RAPID | EAGER | RAISE | GOALI | IDEAS LAB | FASED | CONFERENCE | EQUIPMENT | TRAVEL | CENTER | RESEARCH INFRASTRUCTURE | FELLOWSHIP |
| 57 | PDF file must not be an empty file (no image and no text): Project Summary Project Description References Cited (see note 4) Other Personnel Biographical Information Budget Justification(s) Facilities, Equipment and Other Resources Postdoctoral Mentoring Plan Data Management Plan Other Supplementary Documents List of Suggested Reviewers List of Reviewers Not to Include Budget Impact Statement Special Exception – Natural or Anthropogenic Event Proprietary or Privileged Information Disclosure of Lobbying Activities Additional Single Copy Documents | Error | ✓ | √ | 1 | 1 | V | V | V | V | ✓ | V | V | \ | V | / |
| 58 | PDF file must not be an empty file (no image and no text): • Letter(s) of Collaboration • Research Support • Host Institution Letter(s) • Letter(s) of Support • PhD Abstract (conditionally required) | Error | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | ✓ |
| 59 | PDF file must not be an empty file (no image and no text): • Program Officer Concurrence Email | Error | N/A | 1 | 1 | 1 | 1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 60 | PDF file must not be an empty file (no image and no text): Industrial PI Confirmation Letter Intellectual Property Agreement | Error | N/A | N/A | N/A | N/A | N/A | > | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 61 | PDF file must not contain an image only and no system readable text, which includes text that was scanned into an image: • Project Summary • Project Description • References Cited (see note 4) • Other Personnel Biographical Information • Budget Justification(s) • Facilities, Equipment and Other Resources • Postdoctoral Mentoring Plan • Data Management Plan • List of Suggested Reviewers • List of Reviewers Not to Include • Budget Impact Statement | Error | √ | 1 | 1 | 1 | V | V | V | V | 1 | √ | V | 1 | , | / |
| 62 | PDF file must not contain an image only and no system readable text, which includes text that was scanned into an image: Research Support | Error | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 1 |

| | | ERROR/ | | | | | | | | TYPE C | F PROPOSAL | | | | | |
|----|--|---------|----------|----------|---------|-----------|-------------|-----------|--------------|--------|------------|-----------|--------|----------|----------------------------|------------|
| # | COMPLIANCE CHECK | WARNING | RESEARCH | PLANNING | RAPID | EAGER | RAISE | GOALI | IDEAS LAB | FASED | CONFERENCE | EQUIPMENT | TRAVEL | CENTER | RESEARCH INFRASTRUCTURE | FELLOWSHIP |
| | | | | | PRO | POSAL SE | CTION FII | E SIZE CH | ECKS | | | | | | | |
| 63 | Document upload file size maximum is 10 MB for: Project Summary Project Description References Cited (see note 4) Other Personnel Biographical Information Budget Justification(s) Facilities, Equipment and Other Resources Postdoctoral Mentoring Plan Data Management Plan List of Suggested Reviewers List of Reviewers Not to Include Budget Impact Statement Special Exception – Natural or Anthropogenic Event Proprietary or Privileged Information Disclosure of Lobbying Activities Additional Single Copy Documents | Error | V | / | 1 | 1 | V | V | V | V | V | V | 1 | | , | / |
| 64 | Document upload file size maximum is 10 MB for: Letter(s) of Collaboration Research Support Host Institution Letter(s) Letter(s) of Support PhD Abstract (conditionally required) | Error | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 1 |
| 65 | Document upload file size maximum is 10 MB for: Collaborators and Other Affiliations (conditionally required for Conference proposals) (see note 5) | Error | J. | 1 | 1 | 1 | √ | \ | \ | 1 | J. | J. | N/A | 1 | √ | 1 |
| 66 | Document upload file size maximum is 10 MB for: Biographical Sketch (see notes 4 & 5) Current and Pending Support | Error | > | 1 | 1 | 1 | > | > | > | > | 1 | 1 | 1 | 1 | ✓ | ✓ |
| 67 | Document upload file size maximum is 10 MB for: • Program Officer Concurrence Email | Error | N/A | 1 | 1 | 1 | > | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 68 | Document upload file size maximum is 10 MB for: Industrial PI Confirmation Letter Intellectual Property Agreement | Error | N/A | N/A | N/A | N/A | N/A | > | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | | | | | PROPOSA | AL SECTIO | N UPLOAD | FILE NAN | IE CHECKS | 5 | | | | | | |
| 69 | Document upload file name cannot exceed 254 characters for: Project Summary Project Description References Cited (see note 4) Other Personnel Biographical Information Budget Justification(s) Facilities, Equipment and Other Resources Postdoctoral Mentoring Plan Data Management Plan Other Supplementary Documents List of Suggested Reviewers List of Reviewers Not to Include Budget Impact Statement Special Exception – Natural or Anthropogenic Event Proprietary or Privileged Information Disclosure of Lobbying Activities Additional Single Copy Documents | Error | ✓ | 1 | V | V | V | V | V | V | V | V | 1 | ✓ | • | , |

| | | EPPOP/ | | | | | | | | TYPE C | F PROPOSAL | | | | | |
|----|--|-------------------|----------|----------|-------|-----------|----------|----------|--------------|--------|------------|-------------|----------|----------|----------------------------|------------|
| # | COMPLIANCE CHECK | ERROR/ WARNING | RESEARCH | PLANNING | RAPID | EAGER | RAISE | GOALI | IDEAS LAB | FASED | CONFERENCE | EQUIPMENT | TRAVEL | CENTER | RESEARCH INFRASTRUCTURE | FELLOWSHIP |
| 70 | Document upload file name cannot exceed 254 characters for: • Letter(s) of Collaboration • Research Support • Host Institution Letter(s) • Letter(s) of Support • PhD Abstract (conditionally required) | Error | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | ✓ |
| 71 | Document upload file name cannot exceed 254 characters for: • Collaborators and Other Affiliations (conditionally required for Conference proposals) (see note 5) | Error | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | √ | N/A | ✓ | V | 1 |
| 72 | Document upload file name cannot exceed 254 characters for: • Biographical Sketch (see notes 4 & 5) • Current and Pending Support | Error | 1 | 1 | 1 | 1 | √ | 1 | 1 | 1 | 1 | √ | \ | √ | √ | 1 |
| 73 | Document upload file name cannot exceed 254 characters for: • Program Officer Concurrence Email | Error | N/A | 1 | 1 | 1 | 1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 74 | Document upload file name cannot exceed 254 characters for: Industrial PI Confirmation Letter Intellectual Property Agreement | Error | N/A | N/A | N/A | N/A | N/A | 1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | | | | | PROP | OSAL SECT | ION LINE | SPACING | CHECKS | , | , | | | | | |
| 75 | Line spacing should be no more than six lines per inch on: • Project Summary • Project Description • References Cited (see note 4) • Other Personnel Biographical Information • Budget Justification(s) • Facilities, Equipment and Other Resources • Postdoctoral Mentoring Plan • Data Management Plan • List of Suggested Reviewers List of Reviewers Not to Include • Budget Impact Statement | Warning | V | 1 | 1 | J | V | 1 | 1 | 1 | Į. | > | > | > | V | √ |
| | | | | A . | | PROPOS | AL BUDGE | T CHECKS | | ſ | | | | | | |
| 76 | Senior personnel has funds, but no months indicated (see note 6). | Error | 1 | 1 | 1 | 1 | ✓ | 1 | 1 | 1 | 1 | ✓ | ✓ | ✓ | ✓ | 1 |
| 77 | All senior personnel in the budget must have months and funds associated for at least one year. | Error | 1 | 1 | 1 | 1 | ✓ | 1 | 1 | 1 | 1 | √ | √ | ✓ | ✓ | N/A |
| 78 | Senior personnel has months but no funds indicated (see note 6). | Error | 1 | 1 | 1 | 1 | √ | 1 | 1 | 1 | 1 | √ | √ | ✓ | ✓ | ✓ |
| 79 | When Postdoctoral Researchers are included, number of personnel, months, and funds must be specified. | Error | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | V | 1 | 1 | V | 1 |
| 80 | When Other Professionals are included, number of personnel, months, and funds must be specified. | Error | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ | ✓ | ✓ | 1 |
| 81 | When Graduate Students are included, number of personnel and funds must be specified. | Error | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ | 1 | 1 | ✓ | ✓ |

| | | ERROR/ | | | | | | | | ТҮРЕ С | OF PROPOSAL | | | | | |
|-----|---|---------|----------|----------|-------|----------|----------|-------|--------------|--------|-------------|-------------|----------|--------|----------------------------|------------|
| # | COMPLIANCE CHECK | WARNING | RESEARCH | PLANNING | RAPID | EAGER | RAISE | GOALI | IDEAS LAB | FASED | CONFERENCE | EQUIPMENT | TRAVEL | CENTER | RESEARCH INFRASTRUCTURE | FELLOWSHIP |
| 82 | When Undergraduate Students are included, number of personnel and funds must be specified. | Error | ✓ | 1 | 1 | ✓ | V | 1 | V | 1 | 1 | ✓ | 1 | 1 | ✓ | ✓ |
| 83 | When Administrative/Clerical are included, number of personnel and funds must be specified. | Error | √ | 1 | 1 | 1 | √ | 1 | > | 1 | 1 | > | 1 | 1 | ✓ | ✓ |
| 84 | When Other Personnel are included, number of personnel and funds must be specified. | Error | < | 1 | 1 | \ | ✓ | 1 | √ | 1 | 1 | √ | ✓ | 1 | ✓ | ✓ |
| 85 | Equipment has funds for at least one year but no description. | Error | ✓ | 1 | 1 | 1 | 1 | 1 | √ | 1 | 1 | ✓ | ✓ | 1 | ✓ | ✓ |
| 86 | Equipment has a description but no funds for at least one year. | Error | ✓ | 1 | 1 | √ | ✓ | 1 | ✓ | 1 | 1 | ✓ | 1 | 1 | ✓ | ✓ |
| 87 | When an equipment line has been added, the description and at least one year of funds must be specified. | Error | √ | 1 | 1 | 1 | √ | 1 | > | 1 | 1 | √ | √ | 1 | ✓ | ✓ |
| 88 | There needs to be at least one participant when funds have been indicated for Participant Support Costs (see note 6). | Error | √ | 1 | 1 | \ | 1 | 1 | √ | 1 | 1 | √ | 1 | 1 | ✓ | ✓ |
| 89 | Participant support cost amounts cannot equal zero when there are one or more participants (see note 6). | Error | \ | 1 | 1 | \ | 1 | 1 | ✓ | 1 | 1 | ✓ | 1 | 1 | √ | ✓ |
| 90 | The indirect cost description must be specified. | Error | ✓ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ | 1 |
| 91 | Indirect cost has a rate but no base indicated. | Error | ✓ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ | 1 |
| 92 | Indirect cost has a description but no rate or base for at least one year. | Error | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ | 1 |
| 93 | When an indirect line has been added, the description and at least one year of the rate and base must be specified. | Error | ✓ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ | ✓ |
| 94 | Indirect cost has a base but no rate indicated. | Error | ✓ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ | 1 | 1 | ✓ | ✓ |
| 95 | The cost sharing budget line (Line M on the proposal budget) has an amount of zero but the selected funding opportunity may have cost sharing requirements. | Warning | \ | N/A | N/A | N/A | N/A | N/A | \ \ | 1 | N/A | N/A | N/A | 1 | √ | N/A |
| 96 | The budget maximum cannot exceed \$200K for a RAPID proposal. | Error | N/A | N/A | 1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 97 | The budget maximum cannot exceed \$300K for an EAGER proposal. | Error | N/A | N/A | N/A | 1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 98 | The budget maximum cannot exceed \$1M for a RAISE proposal. | Error | N/A | N/A | N/A | N/A | √ | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 99 | The budget maximum cannot exceed \$200K for a Planning proposal. | Error | N/A | 1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 100 | The total requested budget amount cannot exceed \$999,999,999. | Error | ✓ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ | ✓ |
| 101 | An individual budget year cannot exceed \$100,000. | Error | N/A | 1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 102 | The budget cannot contain more than 2 budget years. | Error | N/A | 1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 103 | The number of years in a subawardee budget must be equal to or less than the prime budget. | Error | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ | ✓ |

| ,, | COMPLIANCE CITES | ERROR/ | | | | | | | | TYPE C | OF PROPOSAL | | | | | |
|-----|--|---------|----------|----------|-------|---------|-------------|-----------|--------------|--------|-------------|-------------|----------|-------------|----------------------------|------------|
| # | COMPLIANCE CHECK | WARNING | RESEARCH | PLANNING | RAPID | EAGER | RAISE | GOALI | IDEAS LAB | FASED | CONFERENCE | EQUIPMENT | TRAVEL | CENTER | RESEARCH INFRASTRUCTURE | FELLOWSHIP |
| | | | | | F | ROPOSAL | COVER SI | HEET CHEC | :KS | | | | | | | |
| 104 | Required fields for Place of Performance: Organization Name, Country, Street Address, and City. | Error | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | √ | √ | 1 | √ | 1 |
| 105 | Place of Performance postal code not valid for the selected state. | Error | 1 | 1 | 1 | 1 | > | 1 | \ | 1 | 1 | √ | √ | ✓ | √ | ✓ |
| 106 | A Requested Start Date has not been entered. | Warning | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ | 1 |
| 107 | Proposal Duration cannot be blank or zero. | Error | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ | 1 |
| 108 | Proposal Duration must not exceed 2 years (24 months) for a Planning proposal. | Error | N/A | 1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 109 | Proposal Duration must not exceed 1 year (12 months) for a RAPID proposal. | Error | N/A | N/A | 1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 110 | Proposal Duration must not exceed 2 years (24 months) for an EAGER proposal. | Error | N/A | N/A | N/A | 1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 111 | Proposal Duration must not exceed 5 years (60 months) for a RAISE proposal. | Error | N/A | N/A | N/A | N/A | 1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 112 | Vertebrate Animals is selected but the animaluse protocol radio button is not selected | Error | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ | 1 | 1 | ✓ | ✓ |
| 113 | Vertebrate Animals is selected but the PHS assurance radio button is not selected. | Error | 1 | 1 | 1 | 1 | > | 1 | > | 1 | 1 | > | > | ✓ | > | ✓ |
| 114 | Vertebrate Animals and Approved Animaluse Protocol are selected but required field is missing: IACUC Approval Date. | Error | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | > | ✓ | 1 | √ | 1 |
| 115 | Vertebrate Animals and Approved PHS Assurance are selected but required field is missing: PHS Animal Welfare Assurance Number. | Error | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | √ | √ | 1 | √ | 1 |
| 116 | Human Subjects is selected but the radio button is not selected: Has the human subjects research for the project been approved by an Institutional Review Board (IRB). | Error | 1 | 1 | 1 | 1 | > | 1 | > | 1 | 1 | > | > | <i>></i> | √ | 1 |
| 117 | Human Subjects and Approved are selected but the required field is missing: IRB Approval Date. | Error | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ | 1 | 1 | ✓ | ✓ |
| 118 | Human Subjects and Exempt are selected but a required field is missing: Exemption Number. | Error | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ | ✓ | 1 | ✓ | 1 |
| 119 | International Activities is selected but Country is missing. | Error | 1 | 1 | 1 | 1 | 1 | 1 | > | 1 | 1 | > | \ | √ | > | ✓ |
| 120 | Funding of an international branch campus of a U.S. institution of higher education (IHE) is selected but a country name is not selected. | Error | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ | 1 |
| 121 | Funding of a foreign organization is selected but a country name is not selected. | Error | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ | 1 |
| 122 | The International Activities checkbox must be checked on the Cover Sheet if the Primary Place of Performance on the Cover Sheet is outside the U.S. (excludes U.S. Possessions). | Error | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ | 1 | 1 | √ | 1 |
| 123 | If the Budget contains an amount in the foreign travel line, then the International Activities checkbox on the Cover Sheet should be checked. | Error | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | V | 1 | 1 | √ | 1 |

| | | ERROR/ | | | | | | | | ТҮРЕ С | OF PROPOSAL | | | | | |
|-----|--|---------|----------|----------|-------|-----------|-------------|----------|--------------|--------|-------------|-----------|--------|--------|----------------------------|------------|
| # | COMPLIANCE CHECK | WARNING | RESEARCH | PLANNING | RAPID | EAGER | RAISE | GOALI | IDEAS LAB | FASED | CONFERENCE | EQUIPMENT | TRAVEL | CENTER | RESEARCH INFRASTRUCTURE | FELLOWSHIP |
| | | | | | PROP | OSAL DEAL | LINE SUE | MISSION | CHECKS | | | | | | | |
| 124 | A proposal cannot be submitted unless a Time Zone is associated with the proposing organization. | Error | √ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ |
| 125 | A proposal cannot be submitted if it is past 5 PM on the deadline or window date (per the proposing organization's Time Zone as selected in the Organization Profile). | Error | ✓ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 126 | Warning will display if there is less than 24 hours left to submit a proposal. | Warning | 1 | 1 | 1 | 1 | ✓ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ | 1 |
| 127 | Warning will display if a Proposal File Update (PFU) is submitted after 5 PM on the deadline date. | Warning | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 128 | A proposal cannot be submitted if a deadline, window, target date or "accepted anytime" has not been selected. | Error | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 129 | A proposal cannot be submitted if the Funding Opportunity has expired. | Error | √ | 1 | 1 | 1 | > | 1 | \ | 1 | 1 | 1 | 1 | 1 | ✓ | ✓ |
| 130 | A Proposal File Update (PFU)/Budget Revision cannot be submitted after reviewers have been assigned to the proposal. | Error | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ |
| 131 | A Budget Revision cannot be submitted once the proposal has been declined, returned, withdrawn, or awarded. | Error | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 132 | A Proposal File Update (PFU)/Budget Revision cannot be submitted once the proposal has been withdrawn, declined, recommended, awarded, or returned. | Error | 1 | 1 | 1 | 1 | √ | 1 | > | 1 | 1 | 1 | 1 | 1 | 1 | ✓ |
| 133 | A Proposal File Update (PFU)/Budget Revision cannot be created when the NSF internal system proposal status is "pending." | Error | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ✓ |
| 134 | An in-progress lead proposal in a separately submitted collaborative cannot be submitted while linked to a non-lead proposal that missed its deadline in an earlier time zone. | Error | V | 1 | 1 | 1 | N/A | N/A | / | 1 | 1 | 1 | 1 | 1 | 1 | N/A |
| | | | | | | PROPOS | AL LINKIN | G CHECKS | | | | | | | | |
| 135 | A separately submitted collaborative proposal is not linked to another proposal. | Error | ✓ | 1 | 1 | 1 | N/A | N/A | 1 | 1 | 1 | 1 | 1 | 1 | ✓ | N/A |
| 136 | A lead proposal without subawards in a separately submitted collaborative has linked non-lead proposals that have not submitted. | Warning | 1 | 1 | 1 | 1 | N/A | N/A | 1 | 1 | 1 | 1 | 1 | 1 | 1 | N/A |
| 137 | A separately submitted collaborative proposal link request sent by a lead organization has not been accepted or rejected by a nonlead organization and will automatically be canceled upon submission. | Warning | 1 | 1 | 1 | 1 | N/A | N/A | V | 1 | 1 | 1 | 1 | 1 | 1 | N/A |
| | | | | | | ROPOSAL | SUBMISS | ION CHEC | KS | | | | | | | |
| 138 | An Industrial co-PI is required in the prime organization for a GOALI proposal. | Error | N/A | N/A | N/A | N/A | N/A | 1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 139 | A linked proposal in a separately submitted collaborative does not yet have Submission Pending proposal status. | Warning | 1 | 1 | 1 | 1 | N/A | N/A | 1 | 1 | 1 | 1 | 1 | 1 | 1 | N/A |

| ,, | COARDUANCE SUESI | ERROR/ | | | | | | | | TYPE C | F PROPOSAL | | | | | |
|-----|---|---------|----------|----------|-------|-------|-------|----------|--------------|--------|------------|-----------|--------|--------|----------------------------|------------|
| # | COMPLIANCE CHECK | WARNING | RESEARCH | PLANNING | RAPID | EAGER | RAISE | GOALI | IDEAS LAB | FASED | CONFERENCE | EQUIPMENT | TRAVEL | CENTER | RESEARCH INFRASTRUCTURE | FELLOWSHIP |
| 140 | The proposal does not use the current Proposal & Award Policies & Procedures Guide (PAPPG) version when submitting to the PAPPG as the funding opportunity type. | Error | 1 | 1 | 1 | 1 | 1 | 1 | √. | 1 | 1 | √ | 1 | 1 | √ | ✓ |
| 141 | The proposing organization must have an active System for Award Management (SAM) certification for submission. | Error | 1 | 1 | 1 | 1 | 1 | \ | V | 1 | 1 | √ | 1 | 1 | √ | N/A |

- 1. List provides current checks performed by the Research.gov system as of May 2, 2022 for full proposals submitted in Research.gov.
- 2. The system currently supports Research, Planning, RAPID, EAGER, RAISE, GOALI, Ideas Lab, FASED, Conference, Equipment, Travel, Center, Research Infrastructure, and Fellowship proposals that are (1) Single submissions from one organization; (2) Single submission collaborative proposals with subawards; or (3) Separately submitted collaborative proposals from multiple organizations. Not all program solicitations can be checked due to system constraints. View the Research.gov Proposal Submission Capabilities on the Research.gov About Proposal Preparation and Submission page for additional details.
- 3. Some checks are not enforced for separately submitted collaborative non-lead proposals as stated by NSF policy requirements. The following sections are not required for a non-lead collaborative proposal: Project Summary, Project Description, References Cited, Postdoctoral Mentoring Plan, and Data Management Plan.
- 4. References Cited and the Biographical Sketch are optional for Conference and Travel proposals. However, the system will run the compliance checks as listed above for any optional documents which are uploaded as part of a proposal.
- 5. Biographical Sketch and Collaborators and Other Affiliations may be required per the program solicitation for Mentors/Advisors listed in a Fellowship proposal. The system will run the compliance checks as listed above for any documents which are uploaded as part of a proposal.
- 6. Compliance checks are not performed on the postdoctoral fellowship budget section of the proposal since it is pre-populated in accordance with program solicitation budget guidance but will be run on the budget section for any postdoctoral fellowship proposal file updates/budget revisions.
- 7. The Fellowship proposal type currently supports submission of proposals in response to program solicitations that do not contain reference letter writer requirements.
- 8. A project data form is currently only required to be submitted with some Directorate for Education and Human Resources (EHR) proposals. Refer to the EHR funding opportunity for project data form submission requirements.
- 9. Not all NSF policy requirements are currently enforced by automated compliance checks.
- 10. Current and Pending Support compliance checks apply to proposals and to documents submitted in annual and final project reports when active other support has changed. For additional information see: https://www.nsf.gov/bfa/dias/policy/cps.isp.
- 11. Compliance checks are triggered by the "Allow SPO/AOR access" and "Submit" to NSF functions. There are additional actions while preparing a proposal that will trigger a compliance check (e.g., uploading documents).
- 12. Compliance checks that trigger an error message will prohibit proposal submission to NSF.
- 13. Compliance checks that trigger a warning message will allow proposal submission to NSF.
- 14. Automated proposal compliance checks listed in this table apply to proposals in response to solicitations, program descriptions, and program announcements supported in Research.gov, as well as to proposals submitted to the PAPPG as the funding opportunity type. Automated proposal compliance checks listed in this table apply to proposals in response to solicitations, program descriptions, and program announcements supported in Research.gov, as well as to proposals submitted to the PAPPG as the funding opportunity type.

Questions may be directed to the NSF Help Desk at 1-800-381-1532 (7:00 AM - 9:00 PM ET; Monday-Friday except federal holidays) or via email to rgov@nsf.gov.

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✓ = The system runs a compliance check and an Error or Warning message will be displayed (as noted in the "Error/Warning" column) if the proposal fails the compliance check.

N/A = The system does not run a compliance check because the proposal rule doesn't apply for this type of proposal.

= Checks only performed by Research.gov.

| | AUTOMATED PROPOSAL COMPLIANCE CHECKS PERFORMED BY RESEARCH.GOV AS OF MAY 2, 2022 FOR PRELIMINARY PROPOSALS | | | | | | | | | | |
|--------------------------------|---|-------------------|-------------------------|--|--|--|--|--|--|--|--|
| # | COMPLIANCE CHECK | ERROR/ WARNING | PRELIMINARY PROPOSAL | | | | | | | | |
| PROPOSAL SECTION EXISTS CHECKS | | | | | | | | | | | |
| 1 | Project Summary is required. | Error | ✓ | | | | | | | | |
| 2 | Project Description is required. | Error | ✓ | | | | | | | | |
| DOCUMENT EXISTS CHECKS | | | | | | | | | | | |
| 3 | Proposal Update Justification is required (Proposal File Update/Budget Revision Justification). | Error | 1 | | | | | | | | |
| 4 | Nature of Natural or Anthropogenic Event document is required (conditionally required). | Error | 1 | | | | | | | | |
| 5 | Proprietary or Privileged Information document is required (conditionally required). | Error | ✓ | | | | | | | | |
| 6 | Disclosure of Lobbying Activities document is required (conditionally required). | Error | √ | | | | | | | | |
| | PROPOSAL SECTION PAGE COUNT CHECKS | | | | | | | | | | |
| 7 | Project Summary page count cannot exceed 1 page. | Error | 1 | | | | | | | | |
| 8 | Biographical Sketch page count cannot exceed 3 pages per PI/co-PI/Senior Personnel. | Error | 1 | | | | | | | | |
| 9 | Budget Justification page count cannot exceed 5 pages. | Error | ✓ | | | | | | | | |
| 10 | Postdoctoral Mentoring Plan page count cannot exceed 1 page. | Error | 1 | | | | | | | | |
| 11 | Data Management Plan page count cannot exceed 2 pages | Error | √ | | | | | | | | |
| | PROPOSAL SECTION HEADING CHECKS | | | | | | | | | | |
| 12 | Project Summary must contain the headings "Overview," "Intellectual Merit," and "Broader Impacts." The heading must appear on a line without additional text. | Error | ✓ | | | | | | | | |
| 13 | Project Description must contain the heading "Broader Impacts." The heading must appear on a line without additional text. | Error | 1 | | | | | | | | |
| | PROPOSAL SECTION URL CHECKS | | | | | | | | | | |
| 14 | Hyperlinks (URLs) must not be used in the Project Description. | Error | 1 | | | | | | | | |

| # | COMPLIANCE CHECK | ERROR/ WARNING | PRELIMINARY PROPOSAL |
|----|---|-------------------|-------------------------|
| | PROPOSAL SECTION FILE TYPE CHECKS | | |
| 15 | xlsx document is the only acceptable file upload type for: Collaborators and Other Affiliations | Error | 1 |
| 16 | PDF document is the only acceptable file upload type for: Project Summary Project Description References Cited Other Personnel Biographical Information Budget Justification(s) Facilities, Equipment and Other Resources Postdoctoral Mentoring Plan Data Management Plan Other Supplementary Documents List of Suggested Reviewers List of Reviewers Not to Include Budget Impact Statement Special Exception – Natural or Anthropogenic Event Proprietary or Privileged Information Disclosure of Lobbying Activities Additional Single Copy Documents | Error | , |
| 17 | PDF document is the only acceptable file upload type for: Biographical SketchCurrent and Pending Support | Error | √ |
| | PROPOSAL SECTION FILE UPLOAD CHECKS | | |
| 18 | PDF file must not be password protected or have restricted permissions: Project Summary Project Description References Cited Other Personnel Biographical Information Budget Justification(s) Facilities, Equipment and Other Resources Postdoctoral Mentoring Plan Data Management Plan Other Supplementary Documents List of Suggested Reviewers List of Reviewers Not to Include Budget Impact Statement Special Exception – Natural or Anthropogenic Event Proprietary or Privileged Information Disclosure of Lobbying Activities Additional Single Copy Documents | Error | √ |
| 19 | PDF file must not be password protected or have restricted permissions: Biographical Sketch Current and Pending Support | Error | 1 |
| 20 | PDF file must be in an NSF-approved format: Biographical Sketch Current and Pending Support | Error | 1 |
| 21 | Document must not contain invalid characters in the column names for: Collaborators and Other Affiliations | Error | ✓ |

| # | COMPLIANCE CHECK | ERROR/ WARNING | PRELIMINARY PROPOSAL |
|----|--|-------------------|-------------------------|
| 22 | PDF file must not be an empty file (no image and no text): Project Summary Project Description References Cited Other Personnel Biographical Information Budget Justification(s) Facilities, Equipment and Other Resources Postdoctoral Mentoring Plan Data Management Plan Other Supplementary Documents List of Suggested Reviewers List of Reviewers Not to Include Budget Impact Statement Special Exception – Natural or Anthropogenic Event Proprietary or Privileged Information Disclosure of Lobbying Activities Additional Single Copy Documents | Error | √ |
| 23 | PDF file must not contain an image only and no system readable text, which includes text that was scanned into an image: Project Summary Project Description References Cited Other Personnel Biographical Information Budget Justification(s) Facilities, Equipment and Other Resources Postdoctoral Mentoring Plan Data Management Plan List of Suggested Reviewers List of Reviewers Not to Include Budget Impact Statement | Error | , |
| | PROPOSAL SECTION FILE SIZE CHECKS | | |
| 24 | Document upload file size maximum is 10 MB for: Project Summary Project Description References Cited Other Personnel Biographical Information Budget Justification(s) Facilities, Equipment and Other Resources Postdoctoral Mentoring Plan Data Management Plan List of Suggested Reviewers List of Reviewers Not to Include Budget Impact Statement Special Exception – Natural or Anthropogenic Event Proprietary or Privileged Information Disclosure of Lobbying Activities Additional Single Copy Documents | Error | , |
| 25 | Document upload file size maximum is 10 MB for: • Collaborators and Other Affiliations | Error | < |
| 26 | Document upload file size maximum is 10 MB for: Biographical Sketch Current and Pending Support | Error | 1 |

| # | COMPLIANCE CHECK | ERROR/ WARNING | PRELIMINARY PROPOSAL |
|----|---|-------------------|-------------------------|
| | PROPOSAL SECTION UPLOAD FILE NAME CHECKS | | |
| 27 | Document upload file name cannot exceed 254 characters for: Project Summary Project Description References Cited Other Personnel Biographical Information Budget Justification(s) Facilities, Equipment and Other Resources Postdoctoral Mentoring Plan Data Management Plan Other Supplementary Documents List of Suggested Reviewers List of Reviewers Not to Include Budget Impact Statement Special Exception — Natural or Anthropogenic Event Proprietary or Privileged Information Disclosure of Lobbying Activities Additional Single Copy Documents | Error | , |
| 28 | Document upload file name cannot exceed 254 characters for: Collaborators and Other Affiliations | Error | ✓ |
| 29 | Document upload file name cannot exceed 254 characters for: Biographical SketchCurrent & Pending Support | Error | ✓ |
| | PROPOSAL SECTION LINE SPACING CHECKS | | |
| 30 | Line spacing should be no more than six lines per inch on: Project Summary Project Description References Cited Other Personnel Biographical Information Budget Justification(s) Facilities, Equipment and Other Resources Postdoctoral Mentoring Plan Data Management Plan List of Suggested Reviewers List of Reviewers Not to Include Budget Impact Statement | Warning | y |
| | PROPOSAL BUDGET CHECKS | | |
| 31 | Senior personnel has funds but no months indicated. | Error | ✓ |
| 32 | Senior personnel has months but no funds indicated. | Error | 1 |
| 33 | When Postdoctoral Researchers are included, number of personnel, months, and funds must be specified. | Error | ✓ |
| 34 | When Other Professionals are included, number of personnel, months, and funds must be specified. | Error | 1 |
| 35 | When Graduate Students are included, number of personnel and funds must be specified. | Error | ✓ |
| 36 | When Undergraduate Students are included, number of personnel and funds must be specified. | Error | ✓ |
| 37 | When Administrative/Clerical are included, number of personnel and funds must be specified. | Error | ✓ |
| 38 | When Other Personnel are included, number of personnel and funds must be specified. | Error | ✓ |

| # | COMPLIANCE CHECK | ERROR/ WARNING | PRELIMINARY PROPOSAL |
|----|--|-------------------|-------------------------|
| 39 | Equipment has funds for at least one year but no description. | Error | ✓ |
| 40 | Equipment has a description but no funds for at least one year. | Error | ✓ |
| 41 | When an equipment line has been added, the description and at least one year of funds must be specified. | Error | ✓ |
| 42 | There needs to be at least one participant when funds have been indicated for Participant Support Costs. | Error | ✓ |
| 43 | Participant support cost amounts cannot equal zero when there are one or more participants. | Error | 1 |
| 44 | The indirect cost description must be specified. | Error | ✓ |
| 45 | Indirect cost has a rate but no base indicated. | Error | ✓ |
| 46 | Indirect cost has a description but no rate or base for at least one year. | Error | ✓ |
| 47 | When an indirect line has been added, the description and at least one year of the rate and base must be specified. | Error | ✓ |
| 48 | Indirect cost has a base but no rate indicated. | Error | ✓ |
| 49 | The cost sharing budget line (Line M on the proposal budget) has an amount of zero but the selected funding opportunity may have cost sharing requirements. | Warning | ✓ |
| 50 | The total requested budget amount cannot exceed \$999,999,999. | Error | ✓ |
| 51 | The number of years in a subawardee budget must be equal to or less than the prime budget. | Error | ✓ |
| | PROPOSAL COVER SHEET CHECKS | | |
| 52 | Required fields for Place of Performance: Organization Name, Country, Street Address, and City. | Error | ✓ |
| 53 | Place of Performance postal code not valid for the selected state. | Error | ✓ |
| 54 | A Requested Start Date has not been entered. | Warning | ✓ |
| 55 | Proposal Duration cannot be blank or zero. | Error | ✓ |
| 56 | Vertebrate Animals is selected but the animal-use protocol radio button is not selected. | Error | ✓ |
| 57 | Vertebrate Animals is selected but the PHS assurance radio button is not selected. | Error | ✓ |
| 58 | Vertebrate Animals and Approved animal-use protocol are selected but required fields are missing: IACUC Approval Date. | Error | 1 |
| 59 | Vertebrate Animals and Approved PHS assurance are selected but required fields are missing: PHS Animal Welfare Assurance Number. | Error | 1 |
| 60 | Human Subjects is selected but the radio button is not selected: Has the human subjects research for the project been approved by an Institutional Review Board (IRB). | Error | ✓ |
| 61 | Human Subjects and Approved are selected but the required field is missing: IRB Approval Date. | Error | 1 |
| 62 | Human Subjects and Exempt are selected but a required field is missing: Exemption Number. | Error | 1 |

| ., | COADUANCE CUECK | ERROR/ | PRELIMINARY | | | | | | | |
|--|---|---------|-------------|--|--|--|--|--|--|--|
| # | COMPLIANCE CHECK | WARNING | PROPOSAL | | | | | | | |
| 63 | International Activities is selected but Country is missing. | Error | ✓ | | | | | | | |
| 64 | Funding of an international branch campus of a U.S. institution of higher education (IHE) is selected but a country name is not selected. | Error | ✓ | | | | | | | |
| 65 | Funding of a foreign organization is selected but a country name is not selected. | Error | ✓ | | | | | | | |
| 66 | The International Activities checkbox must be checked on the Cover Sheet if the Primary Place of Performance on the Cover Sheet is outside the U.S. (excludes U.S. Possessions). | Error | ✓ | | | | | | | |
| | PROPOSAL DEADLINE SUBMISSION CHECKS | | | | | | | | | |
| A proposal cannot be submitted unless a Time Zone is associated with the proposing organization. | | | | | | | | | | |
| 68 | A proposal cannot be submitted if it is past 5 PM on the deadline or window date (per the proposing organization's Time Zone as selected in the Organization Profile). | Error | √ | | | | | | | |
| 69 | Warning will display if there is less than 24 hours left to submit a proposal. | Warning | ✓ | | | | | | | |
| 70 | Warning will display if a Proposal File Update (PFU) is submitted after 5 PM on the deadline date. | Warning | ✓ | | | | | | | |
| 71 | A proposal cannot be submitted if a deadline, window, target date or "accepted anytime" has not been selected. | Error | ✓ | | | | | | | |
| 72 | A proposal cannot be submitted if the Funding Opportunity has expired. | Error | ✓ | | | | | | | |
| 73 | A Proposal File Update (PFU)/Budget Revision cannot be submitted after reviewers have been assigned to the proposal. | Error | ✓ | | | | | | | |
| 74 | A Budget Revision cannot be submitted once the proposal has been declined, returned, withdrawn, or awarded. | Error | ✓ | | | | | | | |
| 75 | A Proposal File Update (PFU)/Budget Revision cannot be submitted once the proposal has been withdrawn, declined, recommended, awarded, or returned. | Error | ✓ | | | | | | | |
| 76 | A Proposal File Update (PFU)/Budget Revision cannot be created when the NSF internal system proposal status is "pending." | Error | ✓ | | | | | | | |
| 77 | An in-progress lead proposal in a separately submitted collaborative cannot be submitted while linked to a non-lead proposal that missed its deadline in an earlier time zone. | Error | √ | | | | | | | |
| | PROPOSAL LINKING CHECKS | | | | | | | | | |
| 78 | A separately submitted collaborative proposal is not linked to another proposal. | Error | ✓ | | | | | | | |
| 79 | A lead proposal without subawards in a separately submitted collaborative has linked non-lead proposals that have not submitted. | Warning | ✓ | | | | | | | |
| 80 | A separately submitted collaborative proposal link request sent by a lead organization has not been accepted or rejected by a non-lead organization and will automatically be canceled upon submission. | Warning | ✓ | | | | | | | |
| | PROPOSAL SUBMISSION CHECKS | | | | | | | | | |
| 81 | A linked proposal in a separately submitted collaborative does not yet have Submission Pending proposal status. | Warning | ✓ | | | | | | | |
| 82 | The proposal does not use the current <i>Proposal & Award Policies & Procedures Guide</i> (PAPPG) version when submitting to the PAPPG as the funding opportunity type. | Error | √ | | | | | | | |
| 83 | The proposing organization must have an active System for Award Management (SAM) certification for submission. | Error | ✓ | | | | | | | |

- 1. List provides current checks performed by the Research.gov system as of May 2, 2022 for preliminary proposals submitted in Research.gov.
- 2. Research.gov now supports preparation and submission of most proposal types and all submission types. View the Research.gov Proposal Submission Capabilities on the Research.gov About Proposal Preparation and Submission page for additional details.
- 3. Not all NSF policy requirements are currently enforced by automated compliance checks.
- 4. Current and Pending Support compliance checks apply to proposals and to documents submitted in annual and final project reports when active other support has changed. For additional information see: https://www.nsf.gov/bfa/dias/policy/cps.isp.
- 5. Compliance checks are triggered by the "Allow SPO/AOR access" and "Submit" to NSF functions. There are additional actions while preparing a proposal that will trigger a compliance check (e.g., uploading documents).
- 6. Compliance checks that trigger an error message will prohibit proposal submission to NSF.
- 7. Compliance checks that trigger a warning message will allow proposal submission to NSF.
- 8. Automated proposal compliance checks listed in this table apply to preliminary proposals in response to solicitations.

Questions may be directed to the NSF Help Desk at 1-800-381-1532 (7:00 AM - 9:00 PM ET; Monday-Friday except federal holidays) or via email to rgov@nsf.gov.

LEGEND

✓ = The system runs a compliance check and an Error or Warning message will be displayed (as noted in the "Error/Warning" column) if the proposal fails the compliance check.

N/A = The system does not run a compliance check because the proposal rule doesn't apply for this type of proposal.

= Checks only performed by Research.gov.

| | AUTOMATED PROPOSAL COMPLIANCE CHECKS PERFORMED BY RESEARCH.GOV AS OF MAY 2, 2022 FOR LETTERS OF INTENT | | | | | | | | | | | |
|-----------------------------------|--|-------|----------|--|--|--|--|--|--|--|--|--|
| # | # COMPLIANCE CHECK ERROR/ LARNING LARN | | | | | | | | | | | |
| | DOCUMENT EXISTS CHECKS | | | | | | | | | | | |
| 1 | Project Synopsis is required. | Error | ✓ | | | | | | | | | |
| | PROPOSAL SECTION PAGE COUNT CHECKS | | | | | | | | | | | |
| 2 | 2 Project Synopsis page count cannot exceed 1 page. Error ✓ | | | | | | | | | | | |
| PROPOSAL SECTION FILE TYPE CHECKS | | | | | | | | | | | | |
| 3 | 3 PDF document is the only acceptable file upload type for: • Project Synopsis Error ✓ | | | | | | | | | | | |
| | PROPOSAL SECTION FILE UPLOAD CHECKS | | | | | | | | | | | |
| 4 | PDF file must not be password protected or have restricted permissions: • Project Synopsis | Error | \ | | | | | | | | | |
| 5 | PDF file must not be an empty file (no image and no text): Project Synopsis | Error | ✓ | | | | | | | | | |
| 6 | PDF file must not contain an image only and no system readable text, which includes text that was scanned into an image: Project Synopsis | Error | 1 | | | | | | | | | |
| | PROPOSAL SECTION FILE SIZE CHECKS | | | | | | | | | | | |
| 7 | Document upload file size maximum is 10 MB for: • Project Synopsis | Error | ✓ | | | | | | | | | |

Notes:

- 1. List provides current checks performed by the Research.gov system as of May 2, 2022, for letters of intent submitted in Research.gov.
- 2. Research.gov now supports preparation and submission of most proposal types and all submission types. View the Research.gov Proposal Submission Capabilities on the Research.gov About Proposal Preparation and Submission page for additional details.
- 3. Not all NSF policy requirements are currently enforced by automated compliance checks.
- 4. Compliance checks are triggered by the "Allow SPO/AOR access" and "Submit" to NSF functions. There are additional actions while preparing a letter of intent that will trigger a compliance check (e.g., uploading documents).
- 5. Compliance checks that trigger an error message will prohibit letter of intent submission to NSF.
- 6. Compliance checks that trigger a warning message will allow letter of intent submission to NSF.
- 7. Automated proposal compliance checks listed in this table apply to letters of intent in response to solicitations.

Questions may be directed to the NSF Help Desk at 1-800-381-1532 (7:00 AM - 9:00 PM ET; Monday–Friday except federal holidays) or via email to rgov@nsf.gov.

✓ = The system runs a compliance check and an Error or Warning message will be displayed (as noted in the "Error/Warning" column) if the proposal fails the compliance check.

N/A = The system does not run a compliance check because the proposal rule doesn't apply for this type of proposal.

= Checks only performed by Research.gov.

| | AUTOMATED PROPO | SAL CO | MPLIANC | E CHECKS | PERF | ORMEI | D BY R | ESEAR(| CH.GO | V AS C | OF MAY 2, 2 | 2022 FOR R | ENEW | AL PROF | POSALS | |
|----|---|---------|----------|------------------|-------|---------|-----------|-----------|--------------|--------|-------------|------------|--------|---------|----------------------------|------------|
| | | ERROR/ | | TYPE OF PROPOSAL | | | | | | | | | | | | |
| # | COMPLIANCE CHECK | WARNING | RESEARCH | PLANNING | RAPID | EAGER | RAISE | GOALI | IDEAS LAB | FASED | CONFERENCE | EQUIPMENT | TRAVEL | CENTER | RESEARCH INFRASTRUCTURE | FELLOWSHIP |
| | | 1 | 1 | 1 | PI | ROPOSAL | SECTION E | XISTS CHE | скѕ | 1 | 1 | | | | | |
| 1 | Project Summary is required. | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 2 | Project Description is required. | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 3 | References Cited is required (see note 5). | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | N/A | N/A | N/A | 1 | 1 | N/A |
| 4 | Budget Justification(s) is required. | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 5 | Facilities, Equipment and Other Resources is required (conditionally required for Conference and Travel proposals). | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | N/A | N/A | 1 | 1 | 1 | N/A |
| 6 | Biographical Sketch is required for each PI/co-PI/Senior Personnel (see note 5). | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | N/A | N/A | N/A | 1 | 1 | N/A |
| 7 | Current and Pending Support is required for each PI/co-PI/Senior Personnel. | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 8 | Collaborators and Other Affiliations is required (conditionally required for Conference proposals). | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | N/A | N/A | 1 | 1 | 1 | N/A |
| 9 | Data Management Plan is required | Error | 1 | N/A | N/A | N/A | N/A | / | 1 | / | 1 | N/A | 1 | 1 | 1 | N/A |
| 10 | Postdoctoral Mentoring Plan is required if funding is requested to support postdoctoral researcher. | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| | | | | | | DOCUM | ENT EXIST | S CHECKS | | | | | | | | |
| 11 | Proposal Update Justification is required (Proposal File Update/Budget Revision Justification). | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 12 | Nature of Natural or Anthropogenic Event document is required (conditionally required). | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 13 | Proprietary or Privileged Information document is required (conditionally required). | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 14 | Disclosure of Lobbying Activities document is required (conditionally required). | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 15 | Project data form is required (conditionally required). | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 16 | An Industrial PI Confirmation Letter(s) is required for GOALI proposals. | Error | N/A | N/A | N/A | N/A | N/A | 1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

| | | ERROR/ | | | | | | | | TYPE C | OF PROPOSAL | | | | | |
|----|---|---------|-------------|----------|----------|-----------|----------|-----------|--------------|-----------|-------------|-----------|----------|----------|----------------------------|------------|
| # | COMPLIANCE CHECK | WARNING | RESEARCH | PLANNING | RAPID | EAGER | RAISE | GOALI | IDEAS LAB | FASED | CONFERENCE | EQUIPMENT | TRAVEL | CENTER | RESEARCH INFRASTRUCTURE | FELLOWSHIP |
| | | | | | PROP | OSAL SEC | TION PAG | E COUNT (| HECKS | | | | | | | |
| 17 | Project Summary page count cannot exceed 1 page. | Error | √ | N/A | N/A | N/A | N/A | 1 | √ | 1 | 1 | N/A | ✓ | √ | ✓ | N/A |
| 18 | Project Description page count cannot exceed 15 pages. | Error | N/A | N/A | N/A | N/A | 1 | 1 | N/A | 1 | 1 | ✓ | 1 | N/A | N/A | N/A |
| 19 | Project Description page count cannot exceed the page count listed in the program solicitation. | Error | 1 | N/A | N/A | N/A | N/A | N/A | 1 | N/A | N/A | N/A | N/A | 1 | ✓ | N/A |
| 20 | Biographical Sketch page count cannot exceed 3 pages per PI/co-PI/Senior Personnel (see note 5). | Error | √ | N/A | N/A | N/A | N/A | 1 | \ | 1 | 1 | N/A | 1 | 1 | √ | N/A |
| 21 | Budget Justification page count cannot exceed 5 pages. | Error | > | N/A | N/A | N/A | N/A | 1 | > | 1 | 1 | N/A | > | > | > | N/A |
| 22 | Postdoctoral Mentoring Plan page count cannot exceed 1 page. | Error | ✓ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |
| 23 | Data Management Plan page count cannot exceed 2 pages. | Error | 1 | N/A | N/A | N/A | N/A | 1 | √ | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |
| | PROPOSAL SECTION HEADING CHECKS | | | | | | | | | | | | | | | |
| 24 | Project Summary must contain the headings "Overview," "Intellectual Merit," and "Broader Impacts." The heading must appear on a line without additional text. | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 25 | Project Description must contain the heading "Broader Impacts." The heading must appear on a line without additional text. | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | J. | 1 | N/A |
| | | | | | Р | ROPOSAL | SECTION | URL CHEC | KS | | | | | | | |
| 26 | Hyperlinks (URLs) must not be used in the Project Description. | Error | ✓ | N/A | N/A | N/A | N/A | 1 | ✓ | 1 | 1 | N/A | ✓ | 1 | ✓ | N/A |
| | | | | PROPOS | AL PROJE | CT DATA F | ORM DOC | UMENT C | HECKS (SE | E NOTE 6) | | | | | | |
| 27 | Program track has not been selected on the project data form. | Error | ✓ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |
| 28 | Category has not been selected on the project data form (conditionally required). | Error | > | N/A | N/A | N/A | N/A | ✓ | > | 1 | 1 | N/A | √ | √ | √ | N/A |
| 29 | Highest degree has not been selected on the project data form. | Error | > | N/A | N/A | N/A | N/A | ✓ | > | 1 | 1 | N/A | > | √ | √ | N/A |
| 30 | Institution type has not been selected on the project data form. | Error | > | N/A | N/A | N/A | N/A | 1 | > | 1 | 1 | N/A | > | > | > | N/A |
| 31 | An Add Other Organization section selection has not been made on the project data form. | Error | √ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | √ | N/A |
| 32 | At least one organization has been be added to the project data form when the Add Other Organization section indicates other organizations will be involved in the project. | Error | V | N/A | N/A | N/A | N/A | 1 | √ | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 33 | Discipline has not been selected on the project data form. | Error | √ | N/A | N/A | N/A | N/A | 1 | ✓ | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |
| 34 | Primary academic focus level has not been selected on the project data form. | Error | 1 | N/A | N/A | N/A | N/A | ✓ | ✓ | 1 | 1 | N/A | ✓ | ✓ | ✓ | N/A |

| | | ERROR/ | | | | | | | | TYPE C | OF PROPOSAL | | | | | |
|----|--|---------|-------------|----------|-------|----------|-----------|-----------|--------------|--------|-------------|-----------|--------|--------|----------------------------|------------|
| # | COMPLIANCE CHECK | WARNING | RESEARCH | PLANNING | RAPID | EAGER | RAISE | GOALI | IDEAS LAB | FASED | CONFERENCE | EQUIPMENT | TRAVEL | CENTER | RESEARCH INFRASTRUCTURE | FELLOWSHIP |
| 35 | Private sector participation has not been selected on the project data form. | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | ✓ | ✓ | N/A |
| 36 | A value has not been entered in any of the following fields in the Estimated Number of Individuals Involved section of the project data form: • PreK-12 Students • PreK-12 Teachers • Undergraduate Students • Graduate Students • Postdoctoral Fellows • Higher Education Faculty | Error | V | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | V | 1 | V | N/A |
| 37 | A lead organization proposal in a separately submitted collaborative with a program selection requiring submission of the project data form cannot change to a program that does not require submission of the project data form when a linked non-lead proposal is in the 'Submission Pending' status. | Error | > | N/A | N/A | N/A | N/A | 1 | √ | 1 | 1 | N/A | > | 1 | , | N/A |
| 38 | A lead organization proposal in a separately submitted collaborative with a program selection not requiring submission of the project data form cannot change to a program requiring submission of the project data form when a linked non-lead proposal is in the 'Submission Pending' status. | Error | > | N/A | N/A | N/A | N/A | 1 | √ | 1 | 1 | N/A | > | 1 | V | N/A |
| | | | | | PRO | POSAL SE | CTION FIL | E TYPE CH | ECKS | | | | | | | |
| 39 | .xlsx document is the only acceptable file upload type for: Collaborators and Other Affiliations (Conditionally required for Conference proposals) | Error | √ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | N/A | 1 | 1 | N/A |
| 40 | PDF document is the only acceptable file upload type for: Project Summary Project Description References Cited (see note 5) Other Personnel Biographical Information Budget Justification(s) Facilities, Equipment and Other Resources Postdoctoral Mentoring Plan Data Management Plan Other Supplementary Documents List of Suggested Reviewers List of Reviewers Not to Include Budget Impact Statement Special Exception—Natural or Anthropogenic Event Proprietary or Privileged Information Disclosure of Lobbying Activities Additional Single Copy Documents | Error | V | N/A | N/A | N/A | N/A | ✓ | V | 1 | • | N/A | V | • | • | N/A |
| 41 | PDF document is the only acceptable file upload type for: • Biographical Sketch (see note 5) • Current and Pending Support | Error | 1 | N/A | N/A | N/A | N/A | 1 | ✓ | 1 | 1 | N/A | ✓ | 1 | √ | N/A |

| | | ERROR/ | | | | | | | | TYPE C | F PROPOSAL | | | | | |
|----|--|---------|----------|----------|-------|----------|-----------|----------|--------------|----------|------------|-----------|--------|--------|----------------------------|------------|
| # | COMPLIANCE CHECK | WARNING | RESEARCH | PLANNING | RAPID | EAGER | RAISE | GOALI | IDEAS LAB | FASED | CONFERENCE | EQUIPMENT | TRAVEL | CENTER | RESEARCH INFRASTRUCTURE | FELLOWSHIP |
| 42 | PDF document is the only acceptable file upload type for: Industrial PI Confirmation Letter Intellectual Property Agreement | Error | N/A | N/A | N/A | N/A | N/A | 1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | | | | | PROP | OSAL SEC | TION FILE | UPLOAD (| HECKS | | | | | | | |
| 43 | PDF file must not be password protected or have restricted permissions: Project Summary Project Description References Cited (see note 5) Other Personnel Biographical Information Budget Justification(s) Facilities, Equipment and Other Resources Postdoctoral Mentoring Plan Data Management Plan Other Supplementary Documents List of Suggested Reviewers List of Reviewers Not to Include Budget Impact Statement Special Exception – Natural or Anthropogenic Event Proprietary or Privileged Information Disclosure of Lobbying Activities Additional Single Copy Documents | Error | √ | N/A | N/A | N/A | N/A | \ | > | √ | • | N/A | 1 | 1 | V | N/A |
| 44 | PDF file must not be password protected or have restricted permissions: Biographical Sketch (see note 5) Current and Pending Support | Error | 1 | N/A | N/A | N/A | N/A | √ | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 45 | PDF file must not be password protected or have restricted permissions: Industrial PI Confirmation Letter Intellectual Property Agreement | Error | N/A | N/A | N/A | N/A | N/A | V | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 46 | PDF file must be in an NSF-approved format: Biographical Sketch (see note 5) Current and Pending Support | Error | √ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 47 | Document must not contain invalid characters in the column names for: Collaborators and Other Affiliations (conditionally required for Conference proposals) | Error | V | N/A | N/A | N/A | N/A | √ | ✓ | 1 | 1 | N/A | N/A | 1 | 1 | N/A |

| | | EDDOD/ | | | | | | | | TYPE C | F PROPOSAL | | | | | |
|----|---|-------------------|----------|----------|-------|-----------|-----------|------------|--------------|----------|------------|-----------|----------|----------|----------------------------|------------|
| # | COMPLIANCE CHECK | ERROR/ WARNING | RESEARCH | PLANNING | RAPID | EAGER | RAISE | GOALI | IDEAS LAB | FASED | CONFERENCE | EQUIPMENT | TRAVEL | CENTER | RESEARCH INFRASTRUCTURE | FELLOWSHIP |
| 48 | PDF file must not be an empty file (no image and no text): Project Summary Project Description References Cited (see note 5) Other Personnel Biographical Information Budget Justification(s) Facilities, Equipment and Other Resources Postdoctoral Mentoring Plan Data Management Plan Other Supplementary Documents List of Suggested Reviewers List of Reviewers Not to Include Budget Impact Statement Special Exception—Natural or Anthropogenic Event Proprietary or Privileged Information Disclosure of Lobbying Activities Additional Single Copy Documents | Error | V | N/A | N/A | N/A | N/A | V | V | V | V | N/A | V | V | V | N/A |
| 49 | PDF file must not be an empty file (no image and no text): Industrial PI Confirmation Letter Intellectual Property Agreement | Error | N/A | N/A | N/A | N/A | N/A | 1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 50 | PDF file must not contain an image only and no system readable text, which includes text that was scanned into an image: • Project Summary • Project Description • References Cited (see note 5) • Other Personnel Biographical Information • Budget Justification(s) • Facilities, Equipment and Other Resources • Postdoctoral Mentoring Plan • Data Management Plan List of Suggested Reviewers • List of Reviewers Not to Include • Budget Impact Statement | Error | V | N/A | N/A | N/A | N/A | V | V | V | √ | N/A | V | <i>\</i> | V | N/A |
| | | | | | PRO | OPOSAL SE | CTION FII | LE SIZE CH | ECKS | | | | | | | |
| 51 | Document upload file size maximum is 10 MB for: Project Summary Project Description References Cited (see note 5) Other Personnel Biographical Information Budget Justification(s) Facilities, Equipment and Other Resources Postdoctoral Mentoring Plan Data Management Plan List of Suggested Reviewers List of Reviewers Not to Include Budget Impact Statement Special Exception – Natural or Anthropogenic Event Proprietary or Privileged Information Disclosure of Lobbying Activities Additional Single Copy Documents | Error | √ | N/A | N/A | N/A | N/A | √ | > | √ | ✓ | N/A | √ | \ | ~ | N/A |

| | | EDDOD/ | | | | | | | | TYPE C | OF PROPOSAL | | | | | |
|----|---|-------------------|----------|----------|---------|-----------|----------|-------------|--------------|--------|-------------|-----------|----------|--------|----------------------------|------------|
| # | COMPLIANCE CHECK | ERROR/ WARNING | RESEARCH | PLANNING | RAPID | EAGER | RAISE | GOALI | IDEAS LAB | FASED | CONFERENCE | EQUIPMENT | TRAVEL | CENTER | RESEARCH INFRASTRUCTURE | FELLOWSHIP |
| 52 | Document upload file size maximum is 10 MB for: Collaborators and Other Affiliations (conditionally required for Conference proposals) | Error | 1 | N/A | N/A | N/A | N/A | 1 | √ | 1 | 1 | N/A | N/A | 1 | J. | N/A |
| 53 | Document upload file size maximum is 10 MB for: • Biographical Sketch (see note 5) • Current and Pending Support | Error | 1 | N/A | N/A | N/A | N/A | \ | \ | 1 | 1 | N/A | 1 | 1 | √ | N/A |
| 54 | Document upload file size maximum is 10 MB for: Industrial PI Confirmation Letter Intellectual Property Agreement | Error | N/A | N/A | N/A | N/A | N/A | 1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | | | | | PROPOSA | AL SECTIO | N UPLOAD | FILE NAN | IE CHECKS | S | | | | | | |
| 55 | Document upload file name cannot exceed 254 characters for: Project Summary Project Description References Cited (see note 5) Other Personnel Biographical Information Budget Justification(s) Facilities, Equipment and Other Resources Postdoctoral Mentoring Plan Data Management Plan Other Supplementary Documents List of Suggested Reviewers List of Reviewers Not to Include Budget Impact Statement Special Exception – Natural or Anthropogenic Event Proprietary or Privileged Information Disclosure of Lobbying Activities Additional Single Copy Documents | Error | ✓ | N/A | N/A | N/A | N/A | V | V | V | √ | N/A | ✓ | • | • | N/A |
| 56 | Document upload file name cannot exceed 254 characters for: • Collaborators and Other Affiliations (conditionally required for Conference proposals) | Error | √ | N/A | N/A | N/A | N/A | > | > | √ | 1 | N/A | N/A | ✓ | √ | N/A |
| 57 | Document upload file name cannot exceed 254 characters for: • Biographical Sketch (see note 5) • Current and Pending Support | Error | √ | N/A | N/A | N/A | N/A | > | \ | 1 | 1 | N/A | √ | \ \ | √ | N/A |
| 58 | Document upload file name cannot exceed 254 characters for: Industrial PI Confirmation Letter Intellectual Property Agreement | Error | N/A | N/A | N/A | N/A | N/A | > | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | | | | | PROP | OSAL SECT | ION LINE | SPACING (| CHECKS | | | | | | | |
| 59 | Line spacing should be no more than six lines per inch on: • Project Summary • Project Description • References Cited (see note 5) • Other Personnel Biographical Information • Budget Justification(s) • Facilities, Equipment and Other Resources • Postdoctoral Mentoring Plan • Data Management Plan • List of Suggested Reviewers • List of Reviewers Not to Include • Budget Impact Statement | Warning | V | N/A | N/A | N/A | N/A | V | V | V | • | N/A | | • | , | N/A |

| | | ERROR/ | | | | | | | | TYPE C | OF PROPOSAL | | | | | |
|----|---|---------|----------|----------|-------|--------|----------|----------|--------------|--------|-------------|-----------|-------------|--------|----------------------------|------------|
| # | COMPLIANCE CHECK | WARNING | RESEARCH | PLANNING | RAPID | EAGER | RAISE | GOALI | IDEAS LAB | FASED | CONFERENCE | EQUIPMENT | TRAVEL | CENTER | RESEARCH INFRASTRUCTURE | FELLOWSHIP |
| | | | | | | PROPOS | AL BUDGI | T CHECKS | | 1 | 1 | | 1 | | | |
| 60 | Senior personnel has funds, but no months indicated. | Error | ✓ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |
| 61 | All senior personnel in the budget must have months and funds associated for at least one year. | Error | ✓ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |
| 62 | Senior personnel has months but no funds indicated. | Error | ✓ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |
| 63 | When Postdoctoral Researchers are included, number of personnel, months, and funds must be specified | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 64 | When Other Professionals are included, number of personnel, months, and funds must be specified. | Error | √ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | > | 1 | ✓ | N/A |
| 65 | When Graduate Students are included, number of personnel and funds must be specified. | Error | √ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |
| 66 | When Undergraduate Students are included, number of personnel and funds must be specified. | Error | V | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 67 | When Administrative/Clerical are included, number of personnel and funds must be specified. | Error | \ | N/A | N/A | N/A | N/A | 1 | √ | 1 | 1 | N/A | > | 1 | ✓ | N/A |
| 68 | When Other Personnel are included, number of personnel and funds must be specified. | Error | ✓ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |
| 69 | Equipment has funds for at least one year but no description. | Error | ✓ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 70 | Equipment has a description but no funds for at least one year. | Error | ✓ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |
| 71 | When an equipment line has been added, the description and at least one year of funds must be specified. | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 72 | There needs to be at least one participant when funds have been indicated for Participant Support Costs. | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 73 | Participant support cost amounts cannot equal zero when there are one or more participants. | Error | ✓ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 74 | The indirect cost description must be specified. | Error | ✓ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 75 | Indirect cost has a rate but no base indicated. | Error | ✓ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |
| 76 | Indirect cost has a description but no rate or base for at least one year. | Error | ✓ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |
| 77 | When an indirect line has been added, the description and at least one year of the rate and base must be specified. | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 78 | Indirect cost has a base but no rate indicated. | Error | ✓ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |
| 79 | The cost sharing budget line (Line M on the proposal budget) has an amount of zero but the selected funding opportunity may have cost sharing requirements. | Warning | V | N/A | N/A | N/A | N/A | N/A | 1 | 1 | N/A | N/A | N/A | 1 | 1 | N/A |
| 80 | The budget maximum cannot exceed \$200K for a RAPID proposal. | Error | ✓ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |
| 81 | The budget maximum cannot exceed \$300K for an EAGER proposal. | Error | ✓ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |

| | | ERROR/ | | | | | | | | TYPE C | OF PROPOSAL | | | | | |
|----|--|---------|-------------|----------|-------|-----------|-----------|-------------|--------------|-------------|-------------|-----------|-------------|----------|----------------------------|------------|
| # | COMPLIANCE CHECK | WARNING | RESEARCH | PLANNING | RAPID | EAGER | RAISE | GOALI | IDEAS LAB | FASED | CONFERENCE | EQUIPMENT | TRAVEL | CENTER | RESEARCH INFRASTRUCTURE | FELLOWSHIP |
| | | | | | Р | ROPOSAL | COVER SH | HEET CHEC | KS | | | | | | | |
| 82 | Required fields for Place of Performance: Organization Name, Country, Street Address, and City. | Error | 1 | N/A | N/A | N/A | N/A | 1 | √ | 1 | 1 | N/A | √ | 1 | ✓ | N/A |
| 83 | Place of Performance postal code not valid for the selected state. | Error | 1 | N/A | N/A | N/A | N/A | 1 | ✓ | ✓ | 1 | N/A | √ | 1 | ✓ | N/A |
| 84 | A Requested Start Date has not been entered. | Warning | √ | N/A | N/A | N/A | N/A | 1 | > | \ | 1 | N/A | > | 1 | ✓ | N/A |
| 85 | Proposal Duration cannot be blank or zero. | Error | ✓ | N/A | N/A | N/A | N/A | 1 | ✓ | ✓ | 1 | N/A | > | ✓ | ✓ | N/A |
| 86 | Vertebrate Animals is selected but the animaluse protocol radio button is not selected. | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | ✓ | 1 | ✓ | N/A |
| 87 | Vertebrate Animals is selected but the PHS assurance radio button is not selected. | Error | > | N/A | N/A | N/A | N/A | 1 | > | > | 1 | N/A | > | 1 | √ | N/A |
| 88 | Vertebrate Animals and Approved Animal-use Protocol are selected but required field is missing: IACUC Approval Date. | Error | > | N/A | N/A | N/A | N/A | √ | > | > | 1 | N/A | > | ✓ | √ | N/A |
| 89 | Vertebrate Animals and Approved PHS Assurance are selected but required field is missing: PHS Animal Welfare Assurance Number. | Error | > | N/A | N/A | N/A | N/A | > | √ | > | 1 | N/A | > | 1 | ✓ | N/A |
| 90 | Human Subjects is selected but the radio button is not selected: Has the human subjects research for the project been approved by an Institutional Review Board (IRB). | Error | √ | N/A | N/A | N/A | N/A | \ | ~ | > | 1 | N/A | ✓ | < | ✓ | N/A |
| 91 | Human Subjects and Approved are selected but the required field is missing: IRB Approval Date. | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | ✓ | 1 | N/A | √ | 1 | ✓ | N/A |
| 92 | Human Subjects and Exempt are selected but a required field is missing: Exemption Number. | Error | ✓ | N/A | N/A | N/A | N/A | 1 | 1 | ✓ | 1 | N/A | ✓ | 1 | ✓ | N/A |
| 93 | International Activities is selected but Country is missing. | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |
| 94 | Funding of an international branch campus of a U.S. institution of higher education (IHE) is selected but a country name is not selected. | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | √ | 1 | ✓ | N/A |
| 95 | Funding of a foreign organization is selected but a country name is not selected. | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | ✓ | 1 | ✓ | N/A |
| 96 | The International Activities checkbox must be checked on the Cover Sheet if the Primary Place of Performance on the Cover Sheet is outside the U.S. (excludes U.S. Possessions). | Error | √ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 97 | If the Budget contains an amount in the foreign travel line, then the International Activities checkbox on the Cover Sheet should be checked. | Error | 1 | N/A | N/A | N/A | N/A | 1 | ✓ | 1 | 1 | N/A | 1 | 1 | √ | N/A |
| | | | | | PROP | OSAL DEAI | DLINE SUE | MISSION | CHECKS | | | | | | | |
| 98 | A proposal cannot be submitted unless a Time Zone is associated with the proposing organization. | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | \ | ✓ | N/A |
| 99 | A proposal cannot be submitted if it is past 5 PM on the deadline or window date (per the proposing organization's Time Zone as selected in the Organization Profile). | Error | 1 | N/A | N/A | N/A | N/A | 1 | ✓ | 1 | 1 | N/A | 1 | 1 | √ | N/A |

| | | ERROR/ | | | | | | | | ТҮРЕ С | OF PROPOSAL | | | | | |
|-----|--|---------|-------------|----------|-------|---------|-----------|-----------|--------------|--------|-------------|-----------|-------------|--------|----------------------------|------------|
| # | COMPLIANCE CHECK | WARNING | RESEARCH | PLANNING | RAPID | EAGER | RAISE | GOALI | IDEAS LAB | FASED | CONFERENCE | EQUIPMENT | TRAVEL | CENTER | RESEARCH INFRASTRUCTURE | FELLOWSHIP |
| | | | | | Р | ROPOSAL | COVER SH | HEET CHEC | KS | | | | | | | |
| 100 | Warning will display if there is less than 24 hours left to submit a proposal. | Warning | > | N/A | N/A | N/A | N/A | 1 | > | 1 | 1 | N/A | > | 1 | √ | N/A |
| 101 | Warning will display if a Proposal File Update (PFU) is submitted after 5 PM on the deadline date. | Warning | 1 | N/A | N/A | N/A | N/A | √ | > | 1 | 1 | N/A | \ | 1 | √ | N/A |
| 102 | A proposal cannot be submitted if a deadline, window, target date or "accepted anytime" has not been selected. | Error | 1 | N/A | N/A | N/A | N/A | √ | > | 1 | 1 | N/A | > | 1 | √ | N/A |
| 103 | A proposal cannot be submitted if the Funding Opportunity has expired. | Error | ✓ | N/A | N/A | N/A | N/A | √ | √ | 1 | ✓ | N/A | ✓ | 1 | ✓ | N/A |
| 104 | A Proposal File Update (PFU)/Budget Revision cannot be submitted after reviewers have been assigned to the proposal. | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | s | 1 | ✓ | N/A |
| 105 | A Budget Revision cannot be submitted once the proposal has been declined, returned, withdrawn, or awarded. | Error | > | N/A | N/A | N/A | N/A | 1 | > | 1 | 1 | N/A | > | 1 | √ | N/A |
| 106 | A Proposal File Update (PFU)/Budget Revision cannot be submitted once the proposal has been withdrawn, declined, recommended, awarded, or returned. | Error | √ | N/A | N/A | N/A | N/A | \ | > | 1 | \ | N/A | > | \ \ | ✓ | N/A |
| 107 | A Proposal File Update (PFU)/Budget Revision cannot be created when the NSF internal system proposal status is "pending." | Error | √ | N/A | N/A | N/A | N/A | 1 | > | 1 | 1 | N/A | √ | 1 | √ | N/A |
| 108 | An in-progress lead proposal in a separately submitted collaborative cannot be submitted while linked to a non-lead proposal that missed its deadline in an earlier time zone. | Error | V | N/A | N/A | N/A | N/A | N/A | ✓ | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |
| | | | | | | PROPOS | AL LINKIN | G CHECKS | | | | | | | | |
| 109 | A separately submitted collaborative proposal is not linked to another proposal. | Error | ✓ | N/A | N/A | N/A | N/A | 1 | ✓ | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |
| 110 | A lead proposal without subawards in a separately submitted collaborative has linked non-lead proposals that have not submitted. | Warning | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 111 | A separately submitted collaborative proposal link request sent by a lead organization has not been accepted or rejected by a nonlead organization and will automatically be canceled upon submission. | Warning | 1 | N/A | N/A | N/A | N/A | ✓ | ✓ | 1 | 1 | N/A | 1 | 1 | √ | N/A |
| | | | | | F | ROPOSAL | SUBMISS | ION CHEC | KS | | | | | | | |
| 112 | An Industrial co-PI is required in the prime organization for a GOALI proposal. | Error | N/A | N/A | N/A | N/A | N/A | 1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 113 | A linked proposal in a separately submitted collaborative does not yet have Submission Pending proposal status. | Warning | 1 | N/A | N/A | N/A | N/A | N/A | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 114 | The proposal does not use the current Proposal & Award Policies & Procedures Guide (PAPPG) version when submitting to the PAPPG as the funding opportunity type. | Error | 1 | N/A | N/A | N/A | N/A | 1 | √ | 1 | 1 | N/A | 1 | 1 | √ | N/A |
| 115 | The proposing organization must have an active System for Award Management (SAM) certification for submission. | Error | ✓ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |

- 1. List provides current checks performed by the Research.gov system as of May 2, 2022, for renewal proposals submitted in Research.gov.
- 2. The available proposal types for renewal and accomplishment-based renewal proposals are limited to Research, GOALI, Ideas Lab, FASED, Conference, Travel, Center, and Research Infrastructure. To renew a RAPID, EAGER, or Planning proposal, the Principal Investigator will select the Research proposal type.
- 3. The system currently supports Research, Planning, RAPID, EAGER, RAISE, GOALI, Ideas Lab, FASED, Conference, Equipment, Travel, Center, Research Infrastructure, and Fellowship proposals that are (1) Single submissions from one organization; (2) Single submission collaborative proposals with subawards; or (3) Separately submitted collaborative proposals from multiple organizations. Not all program solicitations can be checked due to system constraints. View the Research.gov Proposal Submission Capabilities table on the Research.gov About Proposal Preparation and Submission page for additional details.
- 4. Some checks are not enforced for separately submitted collaborative non-lead proposals as stated by NSF policy requirements. The following sections are not required for a non-lead collaborative proposal: Project Summary, Project Description, References Cited, Postdoctoral Mentoring Plan, and Data Management Plan.
- 5. References Cited and the Biographical Sketch are optional for Conference and Travel proposals. However, the system will run the compliance checks as listed above for any optional documents which are uploaded as part of a proposal.
- 6. A project data form is currently only required to be submitted with some Directorate for Education and Human Resources (EHR) proposals. Refer to the EHR funding opportunity for project data form submission requirements.
- 7. Not all NSF policy requirements are currently enforced by automated compliance checks.
- 8. Current and Pending Support compliance checks apply to proposals and to documents submitted in annual and final project reports when active other support has changed. For additional information see: https://www.nsf.gov/bfa/dias/policy/cps.isp.
- 9. Compliance checks are triggered by the "Allow SPO/AOR access" and "Submit" to NSF functions. There are additional actions while preparing a proposal that will trigger a compliance check (e.g., uploading documents).
- 10. Compliance checks that trigger an error message will prohibit proposal submission to NSF.
- 11. Compliance checks that trigger a warning message will allow proposal submission to NSF.
- 12. Automated proposal compliance checks listed in this table apply to proposals in response to solicitations, program descriptions, and program announcements supported in Research.gov, as well as to proposals submitted to the PAPPG as the funding opportunity type.

Questions may be directed to the NSF Help Desk at 1-800-381-1532 (7:00 AM - 9:00 PM ET; Monday–Friday except federal holidays) or via email to rgov@nsf.gov.

N/A = The system does not run a compliance check because the proposal rule doesn't apply for this type of proposal.

| = Checks only performed by | Research.gov. |
|----------------------------|---------------|
|----------------------------|---------------|

AUTOMATED PROPOSAL COMPLIANCE CHECKS PERFORMED BY RESEARCH.GOV AS OF MAY 2, 2022 FOR ACCOMPLISHMENT-BASED RENEWAL PROPOSALS

| | | ERROR/ | | | | | | | | TYPE C | F PROPOSAL | | | | | |
|----|---|---------|----------|----------|-------|----------|-----------|-----------|--------------|--------|------------|-----------|--------|----------|----------------------------|------------|
| # | COMPLIANCE CHECK | WARNING | RESEARCH | PLANNING | RAPID | EAGER | RAISE | GOALI | IDEAS LAB | FASED | CONFERENCE | EQUIPMENT | TRAVEL | CENTER | RESEARCH INFRASTRUCTURE | FELLOWSHIP |
| | | | | | PF | OPOSAL S | ECTION E | XISTS CHE | CKS | | | | | | | |
| 1 | Project Summary is required. | Error | 1 | N/A | N/A | N/A | N/A | 1 | ✓ | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |
| 2 | Summary of Plans is required. | Error | 1 | N/A | N/A | N/A | N/A | 1 | > | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |
| 3 | Human Resources is required. | Error | 1 | N/A | N/A | N/A | N/A | 1 | \ | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |
| 4 | Publications is required. | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |
| 5 | References Cited is required (see note 5). | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | N/A | N/A | N/A | 1 | ✓ | N/A |
| 6 | Budget Justification(s) is required. | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |
| 7 | Facilities, Equipment and Other Resources is required (conditionally required for Conference and Travel proposals). | Error | 1 | N/A | N/A | N/A | N/A | 1 | √ | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |
| 8 | Biographical Sketch is required for each PI/co-PI/Senior Personnel (see note 5). | Error | 1 | N/A | N/A | N/A | N/A | 1 | > | 1 | N/A | N/A | N/A | 1 | √ | N/A |
| 9 | Current and Pending Support is required for each PI/co-PI/Senior Personnel. | Error | 1 | N/A | N/A | N/A | N/A | ✓ | > | 1 | 1 | N/A | 1 | ✓ | 1 | N/A |
| 10 | Collaborators and Other Affiliations is required (conditionally required for Conference proposals). | Error | 1 | N/A | N/A | N/A | N/A | 1 | √ | 1 | 1 | N/A | N/A | 1 | 1 | N/A |
| 11 | Data Management Plan is required | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |
| 12 | Postdoctoral Mentoring Plan is required if funding is requested to support postdoctoral researchers. | Error | 1 | N/A | N/A | N/A | N/A | 1 | \ | 1 | 1 | N/A | 1 | 1 | √ | N/A |
| | | | | | | DOCUM | ENT EXIST | S CHECKS | | | | | | | | |
| 13 | Proposal Update Justification is required (Proposal File Update/Budget Revision Justification). | Error | 1 | N/A | N/A | N/A | N/A | 1 | ✓ | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |
| 14 | Nature of Natural or Anthropogenic Event document is required (Conditionally Required). | Error | 1 | N/A | N/A | N/A | N/A | 1 | > | 1 | 1 | N/A | 1 | 1 | √ | N/A |
| 15 | Proprietary or Privileged Information document is required (Conditionally Required). | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 16 | Disclosure of Lobbying Activities document is required (Conditionally Required). | Error | 1 | N/A | N/A | N/A | N/A | 1 | > | 1 | 1 | N/A | 1 | 1 | 1 | N/A |

| | | ERROR/ | | | | | | | | TYPE C | OF PROPOSAL | | | | | |
|----|---|---------|-------------|----------|----------|-----------|----------|-----------|--------------|-----------|-------------|-----------|--------|--------|----------------------------|------------|
| # | COMPLIANCE CHECK | WARNING | RESEARCH | PLANNING | RAPID | EAGER | RAISE | GOALI | IDEAS LAB | FASED | CONFERENCE | EQUIPMENT | TRAVEL | CENTER | RESEARCH INFRASTRUCTURE | FELLOWSHIP |
| 17 | Project data form is required (conditionally required). | Error | √ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 18 | An Industrial PI Confirmation Letter(s) is required for GOALI proposals. | Error | N/A | N/A | N/A | N/A | N/A | 1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | | | | | PROP | OSAL SEC | TION PAG | E COUNT (| CHECKS | | | | | | | |
| 19 | Project Summary page count cannot exceed 1 page. | Error | ✓ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 20 | Summary of Plans cannot exceed 4 pages. | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 21 | Biographical Sketch page count cannot exceed 3 pages per PI/co-PI/Senior Personnel (see note 5). | Error | ✓ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 22 | Budget Justification page count cannot exceed 5 pages. | Error | > | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 23 | Postdoctoral Mentoring Plan page count cannot exceed 1 page. | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 24 | Data Management Plan page count cannot exceed 2 pages. | Error | √ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| | | | | | PRC | POSAL SE | CTION HE | ADING CH | IECKS | | | | | | | |
| 25 | Project Summary must contain the headings "Overview," "Intellectual Merit," and "Broader Impacts." The heading must appear on a line without additional text. | Error | < | N/A | N/A | N/A | N/A | 1 | √ | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| | | | | | P | ROPOSAL | SECTION | URL CHEC | KS | • | 1 | | | • | • | |
| 26 | URLs are not permitted in the Summary of Plans. | Error | ✓ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| | | | | PROPOS | AL PROJE | CT DATA F | ORM DOC | UMENT C | HECKS (SE | E NOTE 6) | n e | | | 1 | | |
| 27 | Program track has not been selected on the project data form. | Error | ✓ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 28 | Category has not been selected on the project data form (conditionally required). | Error | ✓ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 29 | Highest degree has not been selected on the project data form. | Error | √ | N/A | N/A | N/A | N/A | 1 | √ | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 30 | Institution type has not been selected on the project data form. | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 31 | An Add Other Organization section selection has not been made on the project data form. | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 32 | At least one organization has been be added to the project data form when the Add Other Organization section indicates other organizations will be involved in the project. | Error | V | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 33 | Discipline has not been selected on the project data form. | Error | ✓ | N/A | N/A | N/A | N/A | 1 | ✓ | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 34 | Primary academic focus level has not been selected on the project data form. | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 35 | Private sector participation has not been selected on the project data form. | Error | √ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |

| | | FRROR/ | | | | | | | | TYPE C | OF PROPOSAL | | | | | |
|----|--|-------------------|----------|----------|-------|----------|-----------|-------------|--------------|----------|-------------|-----------|--------|----------|----------------------------|------------|
| # | COMPLIANCE CHECK | ERROR/ WARNING | RESEARCH | PLANNING | RAPID | EAGER | RAISE | GOALI | IDEAS LAB | FASED | CONFERENCE | EQUIPMENT | TRAVEL | CENTER | RESEARCH INFRASTRUCTURE | FELLOWSHIP |
| 36 | A value has not been entered in any of the following fields in the Estimated Number of Individuals Involved section of the project data form: • PreK-12 Students • PreK-12 Teachers • Undergraduate Students • Graduate Students • Postdoctoral Fellows • Higher Education Faculty | Error | V | N/A | N/A | N/A | N/A | V | V | 1 | <i>,</i> | N/A | Ý | √ | √ | N/A |
| 37 | A lead organization proposal in a separately submitted collaborative with a program selection requiring submission of the project data form cannot change to a program that does not require submission of the project data form when a linked non-lead proposal is in the 'Submission Pending' status. | Error | > | N/A | N/A | N/A | N/A | > | > | √ | 1 | N/A | > | √ | / | N/A |
| 38 | A lead organization proposal in a separately submitted collaborative with a program selection not requiring submission of the project data form cannot change to a program requiring submission of the project data form when a linked non-lead proposal is in the 'Submission Pending' status. | Error | √ | N/A | N/A | N/A | N/A | > | > | 1 | > | N/A | > | \ | √ | N/A |
| | | | | | PRC | POSAL SE | CTION FIL | E TYPE CH | ECKS | | | | | | | |
| 39 | .xlsx document is the only acceptable file upload type for: Collaborators and Other Affiliations (conditionally required for Conference proposals) | Error | √ | N/A | N/A | N/A | N/A | > | \ | 1 | ✓ | N/A | N/A | \ | √ | N/A |
| 40 | PDF document is the only acceptable file upload type for: Project Summary Summary of Plans Human Resources Development Publications References Cited (see note 5) Other Personnel Biographical Information Budget Justification(s) Facilities, Equipment and Other Resources Postdoctoral Mentoring Plan Data Management Plan Other Supplementary Documents List of Suggested Reviewers List of Reviewers Not to Include Budget Impact Statement Special Exception – Natural or Anthropogenic Event Proprietary or Privileged Information Disclosure of Lobbying Activities Additional Single Copy Documents | Error | V | N/A | N/A | N/A | N/A | V | V | V | • | N/A | V | • | • | N/A |
| 41 | PDF document is the only acceptable file upload type for: • Biographical Sketch (see note 5) • Current and Pending Support | Error | \ | N/A | N/A | N/A | N/A | > | > | 1 | 1 | N/A | > | 1 | √ | N/A |
| 42 | PDF document is the only acceptable file upload type for: Industrial PI Confirmation Letter Intellectual Property Agreement | Error | N/A | N/A | N/A | N/A | N/A | 1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

| | | ERROR/ | | | | | | | | ТҮРЕ С | OF PROPOSAL | | | | | |
|----|--|---------|----------|----------|-------|----------|-----------|----------|--------------|----------|-------------|-----------|--------|--------|----------------------------|------------|
| # | COMPLIANCE CHECK | WARNING | RESEARCH | PLANNING | RAPID | EAGER | RAISE | GOALI | IDEAS LAB | FASED | CONFERENCE | EQUIPMENT | TRAVEL | CENTER | RESEARCH INFRASTRUCTURE | FELLOWSHIP |
| | | | | | PROP | OSAL SEC | TION FILE | UPLOAD (| HECKS | | | | | | | |
| 43 | PDF file must not be password protected or have restricted permissions: Project Summary Summary of Plans Human Resources Development Publications References Cited (see note 5) Other Personnel Biographical Information Budget Justification(s) Facilities, Equipment and Other Resources Postdoctoral Mentoring Plan Data Management Plan Other Supplementary Documents List of Suggested Reviewers List of Reviewers Not to Include Budget Impact Statement Special Exception – Natural or Anthropogenic Event Proprietary or Privileged Information Disclosure of Lobbying Activities Additional Single Copy Documents | Error | J | N/A | N/A | N/A | N/A | J | J | ✓ | ✓ | N/A | 1 | J. | , | N/A |
| 44 | PDF file must not be password protected or have restricted permissions: Biographical Sketch (see note 5) Current and Pending Support | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |
| 45 | PDF file must not be password protected or have restricted permissions: Industrial PI Confirmation Letter Intellectual Property Agreement | Error | N/A | N/A | N/A | N/A | N/A | 1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 46 | PDF file must be in an NSF-approved format: Biographical Sketch (see note 5) Current and Pending Support | Error | ✓ | N/A | N/A | N/A | N/A | 1 | ✓ | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |
| 47 | Document must not contain invalid characters in the column names for: • Collaborators and Other Affiliations | Error | ✓ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | N/A | 1 | ✓ | N/A |
| 48 | PDF file must not be an empty file (no image and no text): • Project Summary • Summary of Plans • Human Resources Development • Publications • References Cited (see note 5) • Other Personnel Biographical Information • Budget Justification(s) • Facilities, Equipment and Other Resources • Postdoctoral Mentoring Plan • Data Management Plan • Other Supplementary Documents • List of Suggested Reviewers • List of Reviewers Not to Include • Budget Impact Statement • Special Exception – Natural or Anthropogenic Event • Proprietary or Privileged Information • Disclosure of Lobbying Activities • Additional Single Copy Documents | Error | / | N/A | N/A | N/A | N/A | Į. | Į | <i>,</i> | • | N/A | V | • | V | N/A |

| # COMPLIANCE CHECK ERROR/ WARNING PERSONNEL PLANNING PROPERTY FOR THE PROP | | | | | | | | | | | | | | | | |
|--|---|---------|----------|----------|-------|-----------|-----------|-------------|--------------|-------|------------|-----------|----------|-------------|----------------------------|------------|
| # | COMPLIANCE CHECK | WARNING | RESEARCH | PLANNING | RAPID | EAGER | RAISE | GOALI | IDEAS LAB | FASED | CONFERENCE | EQUIPMENT | TRAVEL | CENTER | RESEARCH INFRASTRUCTURE | FELLOWSHIP |
| 49 | PDF file must not be an empty file (no image and no text): Industrial PI Confirmation Letter Intellectual Property Agreement | Error | N/A | N/A | N/A | N/A | N/A | ~ | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 50 | PDF file must not contain an image only and no system readable text, which includes text that was scanned into an image: Project Summary Summary of Plans Human Resources Development Publications References Cited (see note 5) Other Personnel Biographical Information Budget Justification(s) Facilities, Equipment and Other Resources Postdoctoral Mentoring Plan Data Management Plan List of Suggested Reviewers List of Reviewers Not to Include Budget Impact Statement | Error | ✓ | N/A | N/A | N/A | N/A | > | > | V | √ | N/A | V | > | , | N/A |
| | | | | ſ | PRO | DPOSAL SE | CTION FIL | E SIZE CH | ECKS | 1 | î | | | | | |
| 51 | Document upload file size maximum is 10 MB for: Project Summary Summary of Plans Human Resources Development References Cited (see note 5) Other Personnel Biographical Information Budget Justification(s) Facilities, Equipment and Other Resources Postdoctoral Mentoring Plan Data Management Plan List of Suggested Reviewers List of Reviewers Not to Include Budget Impact Statement | Error | s | N/A | N/A | N/A | N/A | ✓ | ✓ | V | J. | N/A | s | <i>y</i> | , | N/A |
| 52 | Document upload file size maximum is 20 MB for: • Publications | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | \ | 1 | ✓ | N/A |
| 53 | Document upload file size maximum is 10 MB for: Collaborators and Other Affiliations (conditionally required for Conference Proposals) | Error | 1 | N/A | N/A | N/A | N/A | ✓ | ✓ | 1 | 1 | N/A | N/A | √ | ✓ | N/A |
| 54 | Document upload file size maximum is 10 MB for: Biographical Sketch (see note 5) Current and Pending Support | Error | ✓ | N/A | N/A | N/A | N/A | 1 | ✓ | 1 | 1 | N/A | ✓ | 1 | ✓ | N/A |
| 55 | Document upload file size maximum is 10 MB for: Industrial PI Confirmation Letter Intellectual Property Agreement | Error | N/A | N/A | N/A | N/A | N/A | 1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

| | | EDDOD/ | | | | | | | | TYPE C | OF PROPOSAL | | | | | |
|----|--|-------------------|----------|----------|--------|-----------|----------|----------|--------------|--------|-------------|-----------|--------|----------|----------------------------|------------|
| # | COMPLIANCE CHECK | ERROR/ WARNING | RESEARCH | PLANNING | RAPID | EAGER | RAISE | GOALI | IDEAS LAB | FASED | CONFERENCE | EQUIPMENT | TRAVEL | CENTER | RESEARCH INFRASTRUCTURE | FELLOWSHIP |
| | | | | | PROPOS | AL SECTIO | N UPLOAI | FILE NAN | | S | | | | | MINASINGCIONE | |
| 56 | Document upload file name cannot exceed 254 characters for: Project Summary Summary of Plans Human Resources Development Publications References Cited (see note 5) Other Personnel Biographical Information Budget Justification(s) Facilities, Equipment and Other Resources Postdoctoral Mentoring Plan Data Management Plan Other Supplementary Documents List of Suggested Reviewers List of Reviewers Not to Include Budget Impact Statement Special Exception – Natural or Anthropogenic Event Proprietary or Privileged Information Disclosure of Lobbying Activities Additional Single Copy Documents | Error | ✓ | N/A | N/A | N/A | N/A | V | Į. | 1 | • | N/A | 1 | • | • | N/A |
| 57 | Document upload file name cannot exceed 254 characters for: • Collaborators and Other Affiliations (conditionally required for Conference proposals) | Error | ✓ | N/A | N/A | N/A | N/A | 1 | ✓ | 1 | 1 | N/A | 1 | 1 | √ | N/A |
| 58 | Document upload file name cannot exceed 254 characters for: • Biographical Sketch (see note 5) • Current & Pending Support | Error | ✓ | N/A | N/A | N/A | N/A | 1 | √ | 1 | 1 | N/A | 1 | 1 | √ | N/A |
| 59 | Document upload file name cannot exceed 254 characters for: Industrial Pi Confirmation Letter Intellectual Property Agreement | Error | N/A | N/A | N/A | N/A | N/A | 1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | | | | | PROP | OSAL SECT | ION LINE | SPACING | CHECKS | | , | | | | | |
| 60 | Line spacing should be no more than six lines per inch on: Project Summary Summary of Plans Human Resources Development References Cited (see note 5) Other Personnel Biographical Information Budget Justification(s) Facilities, Equipment and Other Resources Postdoctoral Mentoring Plan Data Management Plan List of Suggested Reviewers List of Reviewers Not to Include Budget Impact Statement | Warning | Į | N/A | N/A | N/A | N/A | V | J | ✓ | ✓ | N/A | ✓ | <i>,</i> | 1 | N/A |
| | | | | | | PROPOS | AL BUDGI | T CHECKS | | | | | | | | |
| 61 | Senior personnel has funds, but no months indicated. | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |
| 62 | All senior personnel in the budget must have months and funds associated for at least one year. | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | √ | N/A |
| 63 | Senior personnel has months but no funds indicated. | Error | ✓ | N/A | N/A | N/A | N/A | ✓ | ✓ | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |

| | | ERROR/ | | | | | | | | TYPE C | OF PROPOSAL | | | | | |
|----|---|---------|-------------|----------|-------|---------|----------|-------------|--------------|--------|-------------|-----------|-------------|--------|----------------------------|------------|
| # | COMPLIANCE CHECK | WARNING | RESEARCH | PLANNING | RAPID | EAGER | RAISE | GOALI | IDEAS LAB | FASED | CONFERENCE | EQUIPMENT | TRAVEL | CENTER | RESEARCH INFRASTRUCTURE | FELLOWSHIP |
| 64 | When Postdoctoral Researchers are included, number of personnel, months, and funds must be specified | Error | √ | N/A | N/A | N/A | N/A | 1 | \ | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 65 | When Other Professionals are included, number of personnel, months, and funds must be specified. | Error | > | N/A | N/A | N/A | N/A | > | > | 1 | 1 | N/A | > | 1 | 1 | N/A |
| 66 | When Graduate Students are included, number of personnel and funds must be specified. | Error | > | N/A | N/A | N/A | N/A | > | > | 1 | 1 | N/A | > | 1 | √ | N/A |
| 67 | When Undergraduate Students are included, number of personnel and funds must be specified. | Error | √ | N/A | N/A | N/A | N/A | ✓ | > | 1 | 1 | N/A | ✓ | 1 | 1 | N/A |
| 68 | When Administrative/Clerical are included, number of personnel and funds must be specified. | Error | √ | N/A | N/A | N/A | N/A | 1 | √ | 1 | 1 | N/A | √ | 1 | ✓ | N/A |
| 69 | When Other Personnel are included, number of personnel and funds must be specified. | Error | ✓ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | ✓ | 1 | 1 | N/A |
| 70 | Equipment has funds for at least one year but no description. | Error | > | N/A | N/A | N/A | N/A | 1 | > | 1 | 1 | N/A | √ | 1 | 1 | N/A |
| 71 | Equipment has a description but no funds for at least one year. | Error | ✓ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 72 | When an equipment line has been added, the description and at least one year of funds must be specified. | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 73 | There needs to be at least one participant when funds have been indicated for Participant Support Costs. | Error | > | N/A | N/A | N/A | N/A | 1 | > | 1 | 1 | N/A | > | 1 | 1 | N/A |
| 74 | Participant support cost amounts cannot equal zero when there are one or more participants. | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 75 | The indirect cost description must be specified. | Warning | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |
| 76 | Indirect cost has a rate but no base indicated. | Error | ✓ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |
| 77 | Indirect cost has a description but no rate or base for at least one year. | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 78 | When an indirect line has been added, the description and at least one year of the rate and base must be specified. | Error | √ | N/A | N/A | N/A | N/A | 1 | √ | 1 | 1 | N/A | J. | 1 | 1 | N/A |
| 79 | Indirect cost has a base but no rate indicated. | Error | √ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | ✓ | 1 | 1 | N/A |
| 80 | The cost sharing budget line (Line M on the proposal budget) has an amount of zero but the selected funding opportunity may have cost sharing requirements. | Warning | V | N/A | N/A | N/A | N/A | N/A | > | 1 | N/A | N/A | N/A | 1 | √ . | N/A |
| 81 | The total requested budget amount cannot exceed \$999,999,999. | Error | 1 | N/A | N/A | N/A | N/A | 1 | ✓ | 1 | 1 | N/A | ✓ | ✓ | 1 | N/A |
| 82 | The number of years in a subawardee budget must be equal to or less than the prime budget. | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| | | | | | Р | ROPOSAL | COVER SI | IEET CHEC | KS | | | | | | | |
| 83 | Required fields for Place of Performance: Organization Name, Country, Street Address, and City. | Error | ✓ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | ✓ | 1 | ✓ | N/A |

| # COMPLIANCE CHECK ERROR/ | | | | | | | | | | | | | | | | |
|---------------------------|--|---------|-------------|----------|-------|-----------|-----------|----------|--------------|----------|------------|-----------|-------------|----------|----------------------------|------------|
| # | COMPLIANCE CHECK | WARNING | RESEARCH | PLANNING | RAPID | EAGER | RAISE | GOALI | IDEAS LAB | FASED | CONFERENCE | EQUIPMENT | TRAVEL | CENTER | RESEARCH INFRASTRUCTURE | FELLOWSHIP |
| 84 | Place of Performance postal code not valid for the selected state. | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |
| 85 | A Requested Start Date has not been entered. | Warning | > | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | > | 1 | > | N/A |
| 86 | Proposal Duration cannot be blank or zero. | Error | √ | N/A | N/A | N/A | N/A | √ | \ | 1 | 1 | N/A | > | < | ✓ | N/A |
| 87 | Vertebrate Animals is selected but the animaluse protocol radio button is not selected | Error | ✓ | N/A | N/A | N/A | N/A | 1 | ✓ | 1 | 1 | N/A | √ | ✓ | ✓ | N/A |
| 88 | Vertebrate Animals is selected but the PHS assurance radio button is not selected. | Error | ✓ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | \ | 1 | ✓ | N/A |
| 89 | Vertebrate Animals and Approved Animal- use Protocol are selected but required field is missing: IACUC Approval Date. | Error | > | N/A | N/A | N/A | N/A | 1 | / | 1 | 1 | N/A | > | 1 | √ | N/A |
| 90 | Vertebrate Animals and Approved PHS Assurance are selected but required field is missing: PHS Animal Welfare Assurance Number. | Error | √ | N/A | N/A | N/A | N/A | ✓ | < | 1 | 1 | N/A | < | < | ✓ | N/A |
| 91 | Human Subjects is selected but the radio button is not selected: Has the human subjects research for the project been approved by an Institutional Review Board (IRB). | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |
| 92 | Human Subjects and Approved are selected but the required field is missing: IRB Approval Date. | Error | ✓ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | \ | 1 | ✓ | N/A |
| 93 | Human Subjects and Exempt are selected but a required field is missing: Exemption Number. | Error | √ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | > | 1 | ✓ | N/A |
| 94 | International Activities is selected but Country is missing. | Error | ✓ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | \ | 1 | ✓ | N/A |
| 95 | Funding of an international branch campus of a U.S. institution of higher education (IHE) is selected but a country name is not selected. | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | > | 1 | ✓ | N/A |
| 96 | Funding of a foreign organization is selected but a country name is not selected. | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |
| 97 | The International Activities checkbox must be checked on the Cover Sheet if the Primary Place of Performance on the Cover Sheet is outside the U.S. (excludes U.S. Possessions). | Error | <i>></i> | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | \ | 1 | √ | N/A |
| 98 | If the Budget contains an amount in the foreign travel line, then the International Activities checkbox on the Cover Sheet should be checked. | Error | > | N/A | N/A | N/A | N/A | 1 | ✓ | 1 | 1 | N/A | \ | 1 | √ | N/A |
| | | | | | PROP | OSAL DEAI | DLINE SUE | MISSION | CHECKS | | | | | | | |
| 99 | A proposal cannot be submitted unless a Time Zone is associated with the proposing organization. | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | / | 1 | N/A | √ | 1 | ✓ | N/A |
| 100 | A proposal cannot be submitted if it is past 5 PM on the deadline or window date (per the proposing organization's Time Zone as selected in the Organization Profile). | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | √ | 1 | V | N/A |
| 101 | Warning will display if there is less than 24 hours left to submit a proposal. | Warning | 1 | N/A | N/A | N/A | N/A | 1 | ✓ | 1 | 1 | N/A | > | 1 | ✓ | N/A |
| 102 | Warning will display if a Proposal File Update (PFU) is submitted after 5 PM on the deadline date. | Warning | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | \ | 1 | √ | N/A |

| | | ERROR/ | | | | | | | | TYPE C | F PROPOSAL | | | | | |
|-----|--|---------|-------------|----------|-------|---------|-----------|----------|--------------|-------------|------------|-----------|--------|----------|----------------------------|------------|
| # | | | RESEARCH | PLANNING | RAPID | EAGER | RAISE | GOALI | IDEAS LAB | FASED | CONFERENCE | EQUIPMENT | TRAVEL | CENTER | RESEARCH INFRASTRUCTURE | FELLOWSHIP |
| 103 | A proposal cannot be submitted if a deadline, window, target date or "accepted anytime" has not been selected. | Error | ✓ | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | √ | N/A |
| 104 | A proposal cannot be submitted if the Funding Opportunity has expired. | Error | ✓ | N/A | N/A | N/A | N/A | \ | < | 1 | ✓ | N/A | 1 | \ \ | ✓ | N/A |
| 105 | A Proposal File Update (PFU)/Budget Revision cannot be submitted after reviewers have been assigned to the proposal. | Error | 1 | N/A | N/A | N/A | N/A | √ | 1 | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |
| 106 | A Budget Revision cannot be submitted once the proposal has been declined, returned, withdrawn, or awarded. | Error | > | N/A | N/A | N/A | N/A | > | > | > | > | N/A | > | √ | √ | N/A |
| 107 | A Proposal File Update (PFU)/Budget Revision cannot be submitted once the proposal has been withdrawn, declined, recommended, awarded, or returned. | Error | > | N/A | N/A | N/A | N/A | > | > | 1 | √ | N/A | 1 | 1 | √ | N/A |
| 108 | A Proposal File Update (PFU)/Budget Revision cannot be created when the NSF internal system proposal status is "pending." | Error | > | N/A | N/A | N/A | N/A | > | > | 1 | > | N/A | 1 | 1 | / | N/A |
| 109 | An in-progress lead proposal in a separately submitted collaborative cannot be submitted while linked to a non-lead proposal that missed its deadline in an earlier time zone. | Error | > | N/A | N/A | N/A | N/A | N/A | > | > | > | N/A | > | √ | √ | N/A |
| | | | | | | PROPOS | AL LINKIN | G CHECKS | | | | | | | | |
| 110 | A separately submitted collaborative proposal is not linked to another proposal. | Error | ✓ | N/A | N/A | N/A | N/A | N/A | ✓ | 1 | ✓ | N/A | 1 | 1 | ✓ | N/A |
| 111 | A lead proposal without subawards in a separately submitted collaborative has linked non-lead proposals that have not submitted. | Warning | 1 | N/A | N/A | N/A | N/A | N/A | 1 | 1 | 1 | N/A | 1 | 1 | 1 | N/A |
| 112 | A separately submitted collaborative proposal link request sent by a lead organization has not been accepted or rejected by a nonlead organization and will automatically be canceled upon submission. | Warning | √ | N/A | N/A | N/A | N/A | N/A | √ | 1 | 1 | N/A | 1 | 1 | √ | N/A |
| | | | | | F | ROPOSAL | SUBMISS | ION CHEC | KS | | | | | | | |
| 113 | An Industrial co-PI is required in the prime organization for a GOALI proposal. | Error | N/A | N/A | N/A | N/A | N/A | 1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 114 | A linked proposal in a separately submitted collaborative does not yet have Submission Pending proposal status. | Warning | √ | N/A | N/A | N/A | N/A | N/A | 1 | 1 | 1 | N/A | 1 | 1 | √ | N/A |
| 115 | The proposal does not use the current Proposal & Award Policies & Procedures Guide (PAPPG) version when submitting to the PAPPG as the funding opportunity type. | Error | V | N/A | N/A | N/A | N/A | 1 | ✓ | 1 | 1 | N/A | 1 | 1 | √ | N/A |
| 116 | The proposing organization must have an active System for Award Management (SAM) certification for submission. | Error | 1 | N/A | N/A | N/A | N/A | 1 | 1 | 1 | 1 | N/A | 1 | 1 | ✓ | N/A |

- 1. List provides current checks performed by the Research, goy system as of May 2, 2022, for accomplishment-based renewal proposals submitted in Research, goy.
- 2. The available proposal types for renewal and accomplishment-based renewal proposals are limited to Research, GOALI, Ideas Lab, FASED, Conference, Travel, Center, and Research Infrastructure. To renew a RAPID, EAGER, or Planning proposal, the Principal Investigator will select the Research proposal type.
- 3. The system currently supports Research, Planning, RAPID, EAGER, RAISE, GOALI, Ideas Lab, FASED, Conference, Equipment, Travel, Center, Research Infrastructure, and Fellowship proposals that are
 (1) Single submissions from one organization; (2) Single submission collaborative proposals with subawards; or (3) Separately submitted collaborative proposals from multiple organizations. Not all program solicitations can be checked due to system constraints. View the Research.gov Proposal Submission Capabilities table on the Research.gov About Proposal Preparation and Submission page for additional details.
- 4. Some checks are not enforced for separately submitted collaborative non-lead proposals as stated by NSF policy requirements. The following sections are not required for a non-lead collaborative proposal: Project Summary, Project Description, References Cited, Postdoctoral Mentoring Plan, and Data Management Plan.
- 5. References Cited and the Biographical Sketch are optional for Conference and Travel proposals. However, the system will run the compliance checks as listed above for any optional documents which are uploaded as part of a proposal.
- 6. A project data form is currently only required to be submitted with some Directorate for Education and Human Resources (EHR) proposals. Refer to the EHR funding opportunity for project data form submission requirements.
- 7. Not all NSF policy requirements are currently enforced by automated compliance checks.
- 8. Current and Pending Support compliance checks apply to proposals and to documents submitted in annual and final project reports when active other support has changed. For additional information see: https://www.nsf.gov/bfa/dias/policy/cps.jsp.
- 9. Compliance checks are triggered by the "Allow SPO/AOR access" and "Submit" to NSF functions. There are additional actions while preparing a proposal that will trigger a compliance check (e.g., uploading documents).
- 10. Compliance checks that trigger an error message will prohibit proposal submission to NSF.
- 11. Compliance checks that trigger a warning message will allow proposal submission to NSF.
- 12. Automated proposal compliance checks listed in this table apply to proposals in response to solicitations, program descriptions, and program announcements supported in Research.gov, as well as to proposals submitted to the PAPPG as the funding opportunity type.

Questions may be directed to the NSF Help Desk at 1-800-381-1532 (7:00 AM - 9:00 PM ET; Monday-Friday except federal holidays) or via email to rgov@nsf.gov.