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| --- | --- | --- | --- |
| **Attribute** | **Category** | **Type** | **Value** |
| SubmittedByPI | urn:oasis:names:tc:xacml:1.0:attribute-category:resource | http://www.w3.org/2001/XMLSchema#string | SUBMITTED, NOTSUBMITTED |
| ReadyForSubmissionByPI | urn:oasis:names:tc:xacml:1.0:attribute-category:resource | http://www.w3.org/2001/XMLSchema# string | True, False |
| DeletedByPI | urn:oasis:names:tc:xacml:1.0:attribute-category:resource | http://www.w3.org/2001/XMLSchema#string | DELETED, NOTDELETED |
| ApprovedByDepartmentChair | urn:oasis:names:tc:xacml:1.0:attribute-category:resource | http://www.w3.org/2001/XMLSchema#string | APPROVED, DISAPPROVED, READYFORAPPROVAL, NOTREADYFORAPPROVAL |
| ApprovedByBusinessManager | urn:oasis:names:tc:xacml:1.0:attribute-category:resource | http://www.w3.org/2001/XMLSchema#string | APPROVED, DISAPPROVED, READYFORAPPROVAL, NOTREADYFORAPPROVAL |
| ApprovedByIRB | urn:oasis:names:tc:xacml:1.0:attribute-category:resource | http://www.w3.org/2001/XMLSchema#string | APPROVED, DISAPPROVED, READYFORAPPROVAL, NOTREADYFORAPPROVAL |
| ApprovedByDean | urn:oasis:names:tc:xacml:1.0:attribute-category:resource | http://www.w3.org/2001/XMLSchema#string | APPROVED, DISAPPROVED, READYFORAPPROVAL, NOTREADYFORAPPROVAL |
| ApprovedByUniversityResearchAdministrator | urn:oasis:names:tc:xacml:1.0:attribute-category:resource | http://www.w3.org/2001/XMLSchema#string | APPROVED, DISAPPROVED, READYFORAPPROVAL, NOTREADYFORAPPROVAL |
| WithdrawnByUniversityResearchAdministrator | urn:oasis:names:tc:xacml:1.0:attribute-category:resource | http://www.w3.org/2001/XMLSchema#string | WITHDRAWN, NOTWITHDRAWN |
| ApprovedByUniversityResearchDirector | urn:oasis:names:tc:xacml:1.0:attribute-category:resource | http://www.w3.org/2001/XMLSchema#string | APPROVED, DISAPPROVED, READYFORAPPROVAL, NOTREADYFORAPPROVAL |
| DeletedByUniversityResearchDirector | urn:oasis:names:tc:xacml:1.0:attribute-category:resource | http://www.w3.org/2001/XMLSchema#string | DELETED, NOTDELETED |
| SubmittedByUniversityResearchAdministrator | urn:oasis:names:tc:xacml:1.0:attribute-category:resource | http://www.w3.org/2001/XMLSchema#string | SUBMITTED, NOTSUBMITTED |
| ArchivedByUniversityResearchDirector | urn:oasis:names:tc:xacml:1.0:attribute-category:resource | http://www.w3.org/2001/XMLSchema#string | ARCHIVED, NOTARCHIVED |

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| **Attributes** | **Category** | **Type** | **Values** |
| position.type | urn:oasis:names:tc:xacml:1.0:subject-category:access-subject | http://www.w3.org/2001/XMLSchema#string | Tenured/tenure-track faculty, Non-tenure-track research faculty, Teaching faculty, Research staff, Professional staff, Administrator |
| position.title | urn:oasis:names:tc:xacml:1.0:subject-category:access-subject | http://www.w3.org/2001/XMLSchema#string | Distinguished Professor, Professor, Associate Professor, Assistant Professor, Research Professor, Associate Research Professor, Assistant Research Professor, Clinical Professor, Clinical Associate Professor, Clinical Assistant Professor, Visiting Professor, Visiting Associate Professor, Visiting Assistant Professor, Lecturer, Senior Lecturer, Adjunct Professor, Research Associate, Research Scientist, Senior Research Scientist, IRB, Business Manager, University Research Administrator, Department Administrative Assistant, Department Chair, Associate Chair, Dean, Associate Dean, Research Administrator, University Research Director |
| proposal.role | urn:oasis:names:tc:xacml:1.0:subject-category:access-subject | http://www.w3.org/2001/XMLSchema#string | PI, Co-PI, Senior Personnel |
| proposal.section | urn:oasis:names:tc:xacml:1.0:attribute-category:resource | http://www.w3.org/2001/XMLSchema#string | Whole Proposal, Investigator Information, InvestigatorInformation.PI, InvestigatorInformation.Co-PI, InvestigatorInformation.Senior-Personnel, Project Information, Sponsor and Budget Information, Cost Share Information, University Commitments, Conflict of Interest and Commitment Information, Compliance Information, Additional Information, Collaboration Information, Proprietary/Confidential Information, Certification/Signatures, OSP Section, Appendices, Audit Log |
| proposal.action | urn:oasis:names:tc:xacml:1.0:attribute-category:action | http://www.w3.org/2001/XMLSchema#string | Add, Add Co-PI, Add Senior Personnel, Save, Submit, Approve, Disapprove, Withdraw, Archive, Delete, View, Edit |
| device.type | urn:oasis:names:tc:xacml:1.0:subject-category:environment | http://www.w3.org/2001/XMLSchema#string | Android Device, Windows Device, iOS Device |
| network.type | urn:oasis:names:tc:xacml:1.0:subject-category:environment | http://www.w3.org/2001/XMLSchema#string | Campus, Outside Campus |

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| **S. No.** | **Action** | **Access Control Condition (Pre-Condition)** | **Post-Condition** | **Obligations** |
| 1. AddProposalByFaculty-Rule1 | Add A New Proposal by Tenured/tenure-track faculty | position.type = Tenured/tenure-track faculty  proposal.section = Whole Proposal  proposal.action = Add |  |  |
|  | Add A New Proposal by Non-tenure-track research faculty | position.type = Non-tenure-track research faculty  proposal.section = Whole Proposal  proposal.action = Add |  |  |
| 2. OtherStaffCannotCreateProposal-Rule2 | Cannot Add A New Proposal by Other Staff unless delegated by faculty | position.type = <Teaching faculty || Research staff || Professional staff || Administrator>  proposal.section = Whole Proposal  proposal.action = Add |  |  |
| 3. AuditLogViewByPI-Rule3 | Audit Log View by PI | proposal.section = Audit Log &&  proposal.role = PI &&  network.type = Campus &&  proposal.action = View |  |  |
| 4. ProposalSectionCanEditByPI-Rule4 | Proposal Section Edit by PI | SubmittedByPI = NOTSUBMITTED &&  DeletedByPI = NOTDELETED &&  proposal.section =  <Whole Proposal || Investigator Information || Project Information || Sponsor and Budget Information || Cost Share Information || University Commitments || Conflict of Interest and Commitment Information || Compliance Information || Additional Information || Collaboration Information || Proprietary/Confidential Information || Certification/Signatures || Appendices> &&  proposal.role = PI &&  network-type = Campus &&  proposal.action = Edit |  |  |
| 5. OSPSectionCannotEditByPI-Rule5 | PI Cannot Edit OSP section | SubmittedByPI = NOTSUBMITTED &&  DeletedByPI = NOTDELETED &&  proposal.section = OSP section  proposal.role = PI &&  network-type = Campus &&  proposal.action = Edit |  |  |
| 6. CoPIAndSeniorPersonnelAddByPI-Rule6 | Co-PI can be Added by PI | SubmittedByPI = NOTSUBMITTED &&  DeletedByPI = NOTDELETED &&  proposal.section = InvestigatorInformation.Co-PI &&  proposal.action = Add Co-PI |  |  |
|  | Senior Personnel can be Added by PI | SubmittedByPI = NOTSUBMITTED &&  DeletedByPI = NOTDELETED &&  proposal.section =InvestigatorInformation.Senior-Personnel &&  proposal.action = Add Senior Personnel |  |  |
| 7. CoPIAndSeniorPersonnelDeleteByPI-Rule7 | Co-PI can be Deleted by PI | SubmittedByPI = NOTSUBMITTED &&  DeletedByPI = NOTDELETED &&  proposal.section = InvestigatorInformation.Co-PI &&  proposal.action = Delete |  |  |
|  | Senior Personnel can be Deleted by PI | SubmittedByPI = NOTSUBMITTED &&  DeletedByPI = NOTDELETED &&  proposal.section =InvestigatorInformation.Senior-Personnel &&  proposal.action = Delete |  |  |
| 8. ProposalSectionCanEditByCoPI-Rule8 | Proposal Section Edit by Co-PI | SubmittedByPI= NOTSUBMITTED &&  DeletedByPI = NOTDELETED &&  ReadyForSubmissionByPI = False &&  network-type = Campus &&  proposal.section = <Investigator Information || Certification/Signatures || Appendices > &&  proposal.action = Edit |  |  |
| 9. SomeProposalSectionCannotEditByCoPI-Rule9 | Co-PI cannot Edit Project Information, Sponsor and Budget Information, Cost Share Information, University Commitments, Conflict of Interest and Commitment Information, Compliance Information, Additional Information, Collaboration Information, Proprietary/Confidential Information, OSP Section | SubmittedByPI= NOTSUBMITTED &&  DeletedByPI = NOTDELETED &&  ReadyForSubmissionByPI = False &&  network-type = Campus &&  proposal.section = <Project Information || Sponsor and Budget Information || Cost Share Information || University Commitments || Conflict of Interest and Commitment Information || Compliance Information || Additional Information || Collaboration Information || Proprietary/Confidential Information || OSP Section> &&  proposal.action = Edit |  |  |
| 10. SeniorPersonnelAddByCoPI-Rule10 | Senior Personnel can be Added by Co-PI | SubmittedByPI= NOTSUBMITTED &&  DeletedByPI = NOTDELETED &&  ReadyForSubmissionByPI = False &&  network-type = Campus &&  proposal.section = InvestigatorInformation.Senior-Personnel && proposal.action = Add Senior Personnel |  |  |
| 11. SeniorPersonnelDeleteByCoPI-Rule11 | Senior Personnel can be Deleted by Co-PI | SubmittedByPI= NOTSUBMITTED &&  DeletedByPI = NOTDELETED &&  ReadyForSubmissionByPI = False &&  network-type = Campus &&  proposal.section = InvestigatorInformation.Senior-Personnel && proposal.action = Delete |  |  |
| 12. CoPICannotAddByCoPI-Rule12 | Co-PI cannot be Added by Co-PI | SubmittedByPI= NOTSUBMITTED &&  DeletedByPI = NOTDELETED &&  ReadyForSubmissionByPI = False &&  network-type = Campus &&  proposal.section = InvestigatorInformation.Co-PI &&  proposal.action = Add Co-PI |  |  |
| 13. CoPICannotDeleteByCoPI-Rule13 | Co-PI cannot be Deleted by Co-PI | SubmittedByPI= NOTSUBMITTED &&  DeletedByPI = NOTDELETED &&  ReadyForSubmissionByPI = False &&  network-type = Campus &&  proposal.section = InvestigatorInformation.Co-PI &&  proposal.action = Delete |  |  |
| 14. ProposalSectionNotEditBySeniorPersonnel-Rule14 | Proposal section not Edit by Senior Personnel | SubmittedByPI= NOTSUBMITTED &&  DeletedByPI = NOTDELETED &&  ReadyForSubmissionByPI = False &&  proposal.section = <Investigator Information || Project Information || Sponsor and Budget Information || Cost Share Information || University Commitments || Conflict of Interest and Commitment Information || Compliance Information || Additional Information || Collaboration Information || Proprietary/Confidential Information || Certification/Signatures || OSP Section || Appendices> &&  Proposal.role = Senior Personnel &&  proposal.action = Edit |  |  |
| 15. SaveUpdateProposalByPIAndCo-PI-Rule15 | Update an Existing Proposal by PI | SubmittedByPI = NOTSUBMITTED &&  DeletedByPI = NOTDELETED &&  proposal.role = PI &&  proposal.section = Whole Proposal  proposal.action = Save | If PI, Co-PIs have signed then  ReadyForSubmissionByPI = True  else  ReadyForSubmissionByPI = False | Send an email to Co-PI and Senior Personnel |
|  | Update Existing Proposal by Co-PI | SubmittedByPI = NOTSUBMITTED &&  DeletedByPI = NOTDELETED &&  ReadyForSubmissionByPI = False &&  proposal.role = Co-PI  &&  proposal.section = Whole Proposal &&  proposal.action = Save | If PI, Co-PIs have signed then  ReadyForSubmissionByPI = True  else  ReadyForSubmissionByPI = False | Send an email to PI, Co-PI and Senior Personnel |
| 16. SubmitProposalByPI-Rule16 | Submit Proposal by PI | SubmittedByPI = NOTSUBMITTED  &&  DeletedByPI =NOTDELETED &&  ReadyForSubmissionByPI = True &&  proposal.role = PI &&  proposal.section = Whole Proposal &&  proposal.action = Submit | if all PI, Co-PIs have signed then  SubmittedByPI= SUBMITTED &&  ApprovedByDepartmentChair= READYFORAPPROVAL  else  ReadyForSubmissionByPI = False | Send an email to Co-PI, Senior Personnel, Department Chair |
| 17. DeleteProposalByPI-Rule17 | Delete by PI | SubmittedByPI= NOTSUBMITTED &&  DeletedByPI=NOTDELETED &&  proposal.role= PI  proposal.section=Whole Proposal  proposal.action = Delete | DeleteByPI=DELETED | Send an email to Co-PI, Senior Personnel |
| 18. ProposalSectionEditByDepartmentChair-Rule18 | Certification/Signatures edit by Department Chair | ApprovedByDepartmentChair= READYFORAPPROVAL &&  proposal.section=  Certification/Signatures  position.title = Department Chair &&  proposal.action = Edit |  |  |
| 19. ProposalSectionNotEditByDepartmentChair-Rule19 | Proposal Section not edit by Department Chair | ApprovedByDepartmentChair= READYFORAPPROVAL &&  proposal.section=  <Investigator Information|| Project Information||Sponsor and Budget Information|| Cost Share Information|| University Commitments||Conflict of Interest and Commitment Information|| Compliance Information|| Additional Information|| Collaboration Information|| Proprietary/Confidential Information|| OSP Section|| Appendices>  position.title = Department Chair &&  proposal.action = Edit |  |  |
| 20. ApproveProposalByDepartmentChair-Rule20 | Approve By Department Chair | ApprovedByDepartmentChair= READYFORAPPROVAL &&  position.title= Department Chair  proposal.section=Whole Proposal  proposal.action = Approve | if all department chairs have signed then  ApprovedByDepartmentChair=APPROVED &&  ApprovedByBusinessManager= READYFORAPPROVAL && (if IRB required then  ApprovedByIRB= READYFORAPPROVAL) | Send an email to Business Manager and if IRB required then send an email to IRB manager |
| 21. DisapproveProposalByDepartmentChair-Rule21 | Disapprove by Department Chair | ApprovedByDepartmentChair= READYFORAPPROVAL &&  position.title= Department Chair  proposal.section=Whole Proposal  proposal.action = Disapprove | ApprovedByDepartmentChair=  DISAPPROVED &&  SubmittedByPI= NOTSUBMITTED  If Co-PI>0  ReadyForSubmissionByPI = False  Clear all signature | Send email to PI, Co-PI and Senior Personnel |
| 22. ProposalSectionEditByBusinessManager-Rule22 | Edit by Business manager | (ApprovedByBusinessManager= READYFORAPPROVAL  &&  proposal.section= <Sponsor and Budget Information|| Certification/Signatures>  position.title = Business Manager &&  proposal.action = Edit |  |  |
| 23. ProposalSectionNotEditByBusinessManager-Rule23 | Not edit by Business Manager | (ApprovedByBusinessManager= READYFORAPPROVAL  &&  proposal.section=  <Investigator Information, Project Information, Cost Share Information, University Commitments, Conflict of Interest and Commitment Information, Compliance Information, Additional Information, Collaboration Information, Proprietary/Confidential Information, OSP Section, Appendices>  position.title = Business Manager &&  proposal.action = Edit |  |  |
| 24. ApproveProposalByBusinessManager-Rule24 | Approve By Business Manager | ApprovedByBusinessManager= READYFORAPPROVAL &&  position.title= Business Manager  proposal.section=Whole Proposal  proposal.action = Approve | If all Business Managers have signed, then  ApprovedByBusinessManager=APPROVED &&  ApprovedByDean= READYFORAPPROVAL | Send an email to Dean, PI, Co-PI and Senior Personnel |
| 25. DisapproveProposalByBusinessManager-Rule25 | Disapprove By Business Manager | ApprovedByBusinessManager= READYFORAPPROVAL &&  position.title= Business Manager  proposal.section=Whole Proposal  proposal.action = Disapprove | ApprovedByBusinessManager=DISAPPROVED &&  SubmittedByPI= NOTSUBMITTED &&  ApprovedByIRB=NOTREADYFORAPPROVAL  If Co-PI>0  ReadyForSubmissionByPI = False  Clear all signature | Send an email to PI, Co-PI, Senior Personnel and Department Chair |
| 26. ProposalSectionEditByDean-Rule26 | Certification/Signatures edit by Dean | ApprovedByDean= READYFORAPPROVAL &&  proposal.section=  Certification/Signatures  position.title = Dean &&  proposal.action = Edit |  |  |
| 27. ProposalSectionNotEditByDean-Rule27 | Proposal Section not edit by Dean | ApprovedByDean = READYFORAPPROVAL &&  proposal.section=  <Investigator Information|| Project Information||Sponsor and Budget Information|| Cost Share Information|| University Commitments||Conflict of Interest and Commitment Information|| Compliance Information|| Additional Information|| Collaboration Information|| Proprietary/Confidential Information|| OSP Section|| Appendices>  position.title = Dean &&  proposal.action = Edit |  |  |
| 28. ApproveProposalByDean-Rule28 | Approve By Dean | ApprovedByDean= READYFORAPPROVAL &&  position.title= Dean  proposal.section=Whole Proposal  proposal.action = Approve | If all Deans have signed, then  ApprovedByDean=APPROVED &&  If (IRB is not required) then  ApprovedByUniversityResearchAdministrator= READYFORAPPROVAL  Else (  If  ApprovedByIRB= APPROVED then  ApprovedByUniversityResearchAdministrator= READYFORAPPROVAL) | Send an email to PI, Co-PI, Senior Personnel and University Research Administrator  If (IRB sign is required)  Then  If ApprovedByIRB= NOTAPPROVED then  send email to IRB |
| 29. DisapproveProposalByDean-Rule29 | Disapprove by Dean | ApprovedByDean= READYFORAPPROVAL &&  position.title= Dean  proposal.section=Whole Proposal  proposal.action = Disapprove | ApprovedByDean=DISAPPROVED &&  SubmittedByPI= NOTSUBMITTED  If Co-PI>0  ReadyForSubmissionByPI = False  Clear all signature | Send an email to PI, Co-PI, Senior Personnel, Department Chair, Business Manager and  If ApprovedByIRB= APPROVED then  send email to IRB |
| 30. ProposalSectionEditByIRB-Rule30 | Certification/Signatures edit by IRB | ApprovedByIRB= READYFORAPPROVAL &&  proposal.section=  Certification/Signatures  position.title = IRB &&  proposal.action = Edit |  |  |
| 31. ProposalSectionNotEditByIRB-Rule31 | Proposal Section not edit by IRB | ApprovedByIRB= READYFORAPPROVAL &&  proposal.section=  <Investigator Information|| Project Information||Sponsor and Budget Information|| Cost Share Information|| University Commitments||Conflict of Interest and Commitment Information|| Compliance Information|| Additional Information|| Collaboration Information|| Proprietary/Confidential Information|| OSP Section|| Appendices>  position.title = IRB &&  proposal.action = Edit |  |  |
| 32. ApproveProposalByIRB-Rule32 | Approve By IRB | ApprovedByIRB= READYFORAPPROVAL  position.title=IRB  proposal.section=Whole Proposal  proposal.action = Approve | If all IRBs have signed, then  ApprovedByIRB= APPROVED (  if ApprovedByDean= APROVED && ApprovedByBusinessManager=APPROVED then  ApprovedByUniversityResearchAdministrator= READYFORAPPROVAL) | Send an email to PI, Co-PI, Senior Personnel and  If ApprovedByBusinessManager=APPROVED then  send email to Business Manager  if ApprovedByDean= APROVED then  send email to Dean |
| 33. DisapproveProposalByIRB-Rule33 | Disapprove By IRB | ApprovedByIRB= READYFORAPPROVAL  position.title=IRB  proposal.section=Whole Proposal  proposal.action = Disapprove | ApprovedByIRB= DISAPPROVED &&  SubmittedByPI= NOTSUBMITTED  If Co-PI>0  ReadyForSubmissionByPI = False  Clear all signature | Send an email to PI, Co-PI, Senior Personnel and Department Chair |
| 34. ProposalSectionEditByUniversityResearchAdministrator-Rule34 | Proposal Section edit by  University Research Administrator | ApprovedByUniversityResearchAdministrator= READYFORAPPROVAL &&  Proposal.section =  <Investigator Information||Project Information||Sponsor and Budget Information|| Cost Share Information||University Commitments|| Conflict of Interest and Commitment Information|| Compliance Information|| Additional Information||Collaboration Information,||Proprietary/Confidential Information|| OSP Section||Certification/Signatures>  position.title = University Research Administrator &&  proposal.action = Edit |  |  |
| 35. ProposalSectionNotEditByUniversityResearchAdministrator-Rule35 | Appendices not edit by University Research Administrator | ApprovedByUniversityResearchAdministrator= READYFORAPPROVAL &&  Proposal.section =  Appendices  position.title = University Research Administrator &&  proposal.action = Edit |  |  |
| 36. ApproveProposalByUniversityResearchAdministrator-Rule36 | Approve By University Research Administrator | ApprovedByUniversityResearchAdministrator= READYFORAPPROVAL &&  position.title= University Research Administrator  proposal.section=Whole Proposal  proposal.action = Approve | if all University Research Administrators have signed, then  ApprovedByUniversityResearchAdministrator=  APPROVED &&  ApprovedByUniversityResearchDirector=READYFORAPPROVAL | Send an email to PI, Co-PI, Senior Personnel, University Research Director |
| 37. DisapproveProposalByUniversityResearchAdministrator-Rule37 | Disapprove By Research Administrator | ApprovedByUniversityResearchAdministrator= READYFORAPPROVAL &&  position.title=University Research Administrator  proposal.section=Whole Proposal  proposal.action = Disapprove | ApprovedByUniversityResearchAdministrator=  DISAPPROVED &&  SubmittedByPI= NOTSUBMITTED  If Co-PI>0  ReadyForSubmissionByPI = False  Clear all signature | Send an email to PI, Co-PI, Senior Personnel, Business Manager, Dean and if IRB required then send an email to IRB manager |
| 38.WithdrawProposalByUniversityResearchAdministrator-Rule38 | Withdraw By University Research Administrator | WithdrawnByUniversityResearchAdministrator= NOTWITHDRAWN && ApprovedByUniversityResearchAdministrator= READYFORAPPROVAL &&  position.title= University Research Administrator  proposal.section=Whole Proposal  proposal.action = Withdraw | WithdrawnByUniversityResearchAdministrator= WITHDRAWN && ApprovedByUniversityResearchAdministrator= NOTREADYFORAPPROVAL | Send an email to PI, Co-PI, Senior Personnel Department Chair, Business Manager, Dean and if IRB required then send an email to IRB manager |
| 39. SubmitProposalByUniversityResearchAdministrator-Rule39 | Submit By University Research Administrator | SubmittedByUniversityResearchAdministrator=NOTSUBMITTED &&  ApprovedByUniversityResearchDirector=APPROVED &&  position.title=University Research Administrator &&  proposal.action = Submit | SubmittedByUniversityResearchAdministrator=SUBMITTED | Send an email to PI, Co-PI, Senior Personnel, University Research Director |
| 40. ProposalSectionEditByUniversityResearchDirector-Rule40 | Proposal Section edit by University Research Director | ApprovedByUniversityResearchDirector=READYFORAPPROVAL &&  Proposal.section =  Certification/Signatures || OSP Section  position.title = University Research Director &&  proposal.action = Edit |  |  |
| 41. ProposalSectionNotEditByUniversityResearchDirector-Rule41 | Proposal Section not edit by University Research Director | ApprovedByUniversityResearchDirector=READYFORAPPROVAL &&  Proposal.section =  <Investigator Information|| Project Information|| Sponsor and Budget Information|| Cost Share Information, University Commitments||Conflict of Interest and Commitment Information, Compliance Information|| Additional Information||Collaboration Information|| Proprietary/Confidential Information||Appendices>  position.title = University Research Director &&  proposal.action = Edit |  |  |
| 42. ApproveProposalByUniversityResearchDirector-Rule42 | Approve by University Research Director | ApprovedByUniversityResearchDirector=READYFORAPPROVAL &&  position.title=University Research Director  proposal.section=Whole Proposal  proposal.action = Approve | If all University Research Directors have signed, then  ApprovedByUniversityResearchDirector=APPROVED | Send an email to PI, Co-PI, Senior Personnel |
| 43.DisapproveProposalByUniversityResearchDirector-Rule43 | Disapprove by University Research Director | ApprovedByUniversityResearchDirector=  READYFORAPPROVAL &&  position.title=University Research Director  proposal.section=Whole Proposal  proposal.action = Disapprove | ApprovedByUniversityResearchDirector=  DISAPPROVED &&  SubmittedByPI= NOTSUBMITTED  If Co-PI>0  ReadyForSubmissionByPI = False  Clear all signature | Send an email to PI, Co-PI, Senior Personnel, Business Manager, Dean, University Research Administrator and if IRB required then send an email to IRB manager |
| 44.DeleteProposalByUniversityResearchDirector-Rule44 | Delete by University Research Director | DeletedByUniversityResearchDirector=NOTDELETED && ApprovedByUniversityResearchDirector=READYFORAPPROVAL &&  position.title= University Research Director  proposal.section=Whole Proposal  proposal.action = Delete | DeletedByUniversityResearchDirector=  DELETED && ApprovedByUniversityResearchDirector = NOTREADYFORAPPROVAL | Send an email to PI, Co-PI, Senior Personnel, Business Manager, Dean, University Research Administrator  and if IRB required then send an email to IRB manager |
| 45.ArchiveProposalByUniversityResearchDirector-Rule45 | Archive By University Research Director | ArchivedByUniversityResearchDirector= NOTARCHIVED && SubmittedByUniversityResearchAdministrator=SUBMITTED &&  position.title=University Research Director  proposal.section=Whole Proposal  proposal.action = Archive | ArchivedByUniversityResearchDirector= ARCHIVED && ApprovedByUniversityResearchDirector = NOTREADYFORAPPROVAL | Send an email to PI, Co-PI and Senior Personnel |





