Grant Writing Resources

The CTSI’s Research Navigator Program is available to assist grant writers in all phases of grant preparation. Contact us by clicking on the Research Help Desk button at the bottom of the page.

How to Write a Specific Aims Page

The following website provides a sample method for writing a specific aims page.

[The Anatomy of a Specific Aims Page](http://www.biosciencewriters.com/NIH-Grant-Applications-The-Anatomy-of-a-Specific-Aims-Page.aspx) by Michelle, S., PhD at Bioscience writers.

Rigor and Reproducibility Guidelines

* [Guidance for new grant requirements for Rigor and Reproducibility](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/RigorandReproducibility_final.pdf)
* [Rigor and Reproducibility Guidelines](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/RigorandReproducibility_final.docx)
* [MABS Reviewer Orientation](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/MABS_ReviewerOrientation_011116.pdf)
* [FASEB Guideline for Research Reproducibility](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/FASEB_EnhancingResearchReproducibility.pdf)
* [ARRIVE guidelines for reproducible animal research](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/NC3RsARRIVEGuidelines2013.pdf)
* [NIH One Page Guide to Rigor and Reproducibility](https://nexus.od.nih.gov/all/2016/07/31/your-one-page-guide-to-rigor-and-reproducibility/)
* [Atlanta CTSI Ethics Podcast in Research: Reproducibility](https://www.youtube.com/watch?v=88mJhO1Tr2E)
* [Grant Reviewer Guidance to Evaluate Sex as a Biological Value in a NIH Application](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/SABV_Decision_Tree_for_Reviewers.pdf)

Letters of Support

Please use the following process and template to obtain a letter of support from the CTSI.

1. Download the current [template Letter of Support with instructions](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/LOStemplateandinstructions_V7.doc).
2. Modify the template with your project-specific information.
3. Email your drafted letter of support along with your specific aims page to researchhelp@urmc.rochester.edu.
4. Research Help will work with you to create a final version of the letter for review and signature by a CTSI director.

Note: If your grant involves use of the CTSA Network for multicenter investigations, you need to provide a full copy of the grant. If there are particular requirements that the letter should address, please let us know.

Human Subjects Protection Plan

The NIH Office of Extramural Research has a website with tools to help you determine if your research is human subject research and guidelines on what to put in your grant application. Visit [humansubjects.nih.gov](https://humansubjects.nih.gov/). A questionnaire tool to determine if you are doing human subjects research can be found [here](https://humansubjects.nih.gov/questionnaire). A pdf that has more information for investigators completing an application can be found on the webpage [here](https://humansubjects.nih.gov/walkthrough-investigator#pre-submission). Click “Application Instructions.”

Please contact the Research Help Desk at researchhelp@urmc.rochester.edu for help with your Human Subjects Protection Plan or to receive examples from real grant applications.

Diversity and Inclusion Resource Information

If you are writing a grant application and need information on resources related to diversity and inclusion in research, please download the University of Rochester diversity in research grant template.

Generic Training Grant Materials

The Office of Graduate Education maintains a Sharepoint site for NRSA training grant writers. It includes institutional information needed for training grant applications, samples of training grant narratives, sample letters of support, and a wealth of other helpful information. Visit the site by clicking [here](http://sharepoint.mc.rochester.edu/sites/GE/grant-submissions-resources/traininggrantspecific/default.aspx).

Guidance for Biosketches and Other Support Pages

* [CTSI Biosketch - Other Support Guidance 8/15/2016 through 5/31/2017](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/CTSIBiosketch-OtherSupportGuidance8-15-16through5-31-17.doc)

Making Your Words Count Twice - Writing Compactly For The New NIH Format

* [Handout](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/makeeverywordcounttwicehandout2-16-10.pdf)
* [Powerpoint Presentation](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/makingeverywordcounttwice2-22-10.ppt)

CTSA Grant Applications

* [2006 U of R CTSA grant application](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/UofRCTSAapplication.pdf)
* [2010 U of R CTSA grant renewal application](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/UniversityofRochesterCTSIRenewalApplication2010.pdf)
* 2015 U of R CTSA grant renewal application

URMC Research Resources

* [Center for Clinical Innovation](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/TheCenterforClinicalInnovation.doc)
* [Center for Community Health](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/TheCenterforCommunityHealth.doc)
* [Center for Human Experimental Therapeutics](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/CenterforHumanExperimentalTherapeutics.doc)
* [Center for Medical Technology](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/CenterforMedicalTechnology.doc)
* [Center for Research Implementation and Translation](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/CenterforResearchImplementationandTranslation.doc)
* [Clinical Research Center](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/ClinicalResearchCenter.doc)
* [Clinical and Translational Science Institute (CTSI) Resources Page](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/ClinicalandTranslationalScienceInstitute.doc)
* [Deaf Health Research and Training](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/DeafHealthResearchandTraining.doc)
* [Department of Biostatistics and Computational Biology](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/DepartmentofBiostatisticsandComputationalBiology.doc)
* [Department of Pediatrics Research Capacity](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/DepartmentofPediatricsResearchCapacity.doc)
* [Department of Public Health Sciences](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/DepartmentofPublicHealthSciences.doc)
* Diversity and Inclusion Resources
* [Eastman Institute for Oral Health](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/EastmanInstituteforOralHealth.doc)
* [Electronic Health Record](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/ElectronicHealthRecord.doc)
* [Goergen Institute for Data Science](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/GoergenInstituteforDataScience.doc)
* [Greater Rochester Practice Practice Based Research Network](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/GreaterRochesterPracticePracticeBasedResearchNetwork.doc)
* [Health Sciences Center for Computational Innovation](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/HealthSciencesCenterforComputationalInnovation.doc)
* [Heart Research Follow up Program](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/HeartResearchFollowupProgram.doc)
* [Infectious Diseases Division](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/InfectiousDiseasesDivision.doc)
* [Investigational Drug Services](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/InvestigationalDrugServices.doc)
* [James P Wilmot Cancer Center](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/JamesPWilmotCancerCenter.doc)
* [Medical Center Libraries and Technologies](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/MedicalCenterLibrariesandTechnologies.doc)
* [NCI Community Oncology Research Program](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/NCICommunityOncologyResearchProgram.doc)
* [NeuroNEXT Clinical Site Capabilities](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/NeuroNEXTClinicalSiteCapabilities.doc)
* [NIAID AIDS Clinical Trial Group](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/NIAIDAIDSClinicalTrialGroup.doc)
* [Rochester Center for Health Informatics](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/RochesterCenterforHealthInformatics.doc)
* [School of Nursing](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/SchoolofNursing.doc)
* [Stem Cell and Regenerative Medicine Institute](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/StemCellandRegenerativeMedicineInstitute.doc)
* [Surgical Health Outcomes](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/SurgicalHealthOutcomes.doc)
* [University Infrastructure for Computing and Informatics](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/UniversityInfrastructureforComputingandInformatics.doc)
* [University of Rochester Clinical Enterprise](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/UniversityofRochesterClinicalEnterprise.doc)
* [University of Rochester Medical Center Central Laboratory Service](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/UniversityofRochesterMedicalCenterCentralLaboratoryService.doc)
* [University of Rochester Medical Center](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/UniversityofRochesterMedicalCenter.doc)
* [University of Rochester School of Medicine and Dentistry](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/UniversityofRochesterSchoolofMedicineandDentistry.doc)
* [UNYTE Translational Research Network](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/UNYTETranslationalResearchNetwork.doc)
* [URMC Office for Aging Research and Health Services](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/URMCOfficeforAgingResearchandHealthServices.doc)
* [URSMD Core Facilities and Shared Resources](https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/ctsi/resources/resource-finder/documents/URSMDCoreFacilitiesandSharedResources_010816.docx)