Useful Resources on the Web

NSF:

"A Guide for Proposal Writing"
http://www.nsf.gov/pubs/1998/nsf9891/nsf9891.htm

"The 2010 User-Friendly Handbook for Project Evaluation"
https://www.purdue.edu/research/docs/pdf/2010NSFuser-
friendlyhandbookforprojectevaluation.pdf

Merit review page
https://www.nsf.gov/bfa/dias/policy/merit_review/

Policy on NSF Data Management Plan
http://www.nsf.gov/bfa/dias/policy/dmp.jsp

NSF information on NSF Data Management Plan Requirements (see link to FAQ at bottom of page)
www.nsf.gov/bfa/dias/policy/dmp.jsp

Guidance from DEB on DMPs
http://www.nsf.gov/bio/pubs/BIODMP061511.pdf

DMPTool developed by a team of librarians
https://dmp.cdlib.org/

A repository of data repositories.
http://www.re3data.org/

"Note to Reviewers of CAREER Proposals"
http://www.nsf.gov/crssprgm/career/note_for_reviewers.pdf

Frequently Asked Questions – CAREER Awards
https://www.nsf.gov/pubs/2017/nsf17050/nsf17050.jsp

USDA

NIFA Peer Review Process
https://nifa.usda.gov/resource/nifa-peer-review-process-competitive-grant-applications

NIFA Electronic Application Information
http://nifa.usda.gov/grants

Guidelines for Reviewers
http://nifa.usda.gov/resource/guidance-afri-reviewers

USDA Logic Model Information
www.nifa.usda.gov/funding/integrated/integrated_logic_model.html

NIH
IMPORTANT information for applicants related to rigor and reproducibility

http://grants.nih.gov/grants/guide/notice-files/NOT-OD-15-103.html
Search " NOT-OD-15-103" on Google. See also the related notices linked in this notice, especially
NOT-OD-16-004 for changes to the forms, changes for Career Development awards (NIH and AHRQ).
Rigor and Reproducibility in research
http://www.nih.gov/science/reproducibility/index.htm
https://grants.nih.gov/grants/RigorandReproducibilityChart508.pdf

"Lessons Learned" from implementation of new Rigor and Reproducibility Guidelines
http://www.csr.nih.gov/CSRPRP/2016/09/implementing-new-rigor-and-transparency-policies-in-review-
lessons-learned/

Reviewer guidelines
http://grants.nih.gov/grants/peer/reviewer_guidelines.htm
Especially read the section on Overall Impact versus Significance.
You will find the reviewer guidelines for most research grant proposals.

Center for Scientific Review's resources for applicants
http://public.csr.nih.gov/ApplicantResources/Pages/default.aspx

CSR's videos on peer review:
"Peer Review Revealed" is a mock review panel
https://www.youtube.com/watch?v=fBDxI6l4dOA

NIH's podcasts: *"Getting to know NIH and the grants process"*
https://grants.nih.gov/news/virtual-learning/podcasts.htm

OER's "Frequently used links"
http://grants.nih.gov/grants/documentindex.htm

Office of Extramural Research Read everything under the "About Grants" heading on the left.
http://grants.nih.gov/grants/oer.htm

General grant proposal writing strategy that is applicable across NIH Institutes and Centers,
not just NIAID:
https://www.niaid.nih.gov/grants-contracts/apply-grant

NIH Vertebrate Animals checklist
http://grants.nih.gov/grants/olaw/VASchecklist.pdf

NIAID's page of checklists for applications involving research with human subjects
https://www.niaid.nih.gov/grants-contracts/checklists-human-subjects-grant-application

Overview of new NIH policies on Human Subjects Research and Clinical Trials 15-minute video
https://grants.nih.gov/policy/clinical-trials/tutorial/story_html5.html?lms=1

Use of Cover Letters
A podcast covering when you should and shouldn't include a cover letter with your grant application.
https://nexus.od.nih.gov/all/2018/04/16/cover-letters-and-their-appropriate-use-podcast-now-
available/

OER's page on Writing Your Application
http://grants.nih.gov/grants/writing_application.htm
Link to NIH listserve
http://grants1.nih.gov/grants/guide/listserv.htm

Link to NIH RSS feeds
http://grants.nih.gov/grants/guide/rss_info.htm

Top 10 Peer Review Q&As for NIH Applicants & NIH Top 100 FAQ:
https://public.csr.nih.gov/FAQs/Top10

What Happens to Your NIH Grant Application:
https://www.youtube.com/watch?v=Gg2nppTaLUw&feature=youtu.be

Guidelines, Critique Templates and Review Criteria
https://public.csr.nih.gov/ForReviewers

Grant Application Tips for Success – Quick tips to help you avoid common mistakes and position yourself for success
https://grants.nih.gov/grants/how-to-apply-application-guide/video/index.htm
Scroll down to the last 3 videos

NIH Examples of Full Funded Grants using GWSW Grantsmanship Approach*
* Please note that these examples use the older SF424 format and not the FORMS-E format. NIH does not currently have any example proposals on their website that use the FORMS-E format.

From the National Cancer Institute (NCI), there are two examples of funded proposals that utilize the GWSW approach. They are:
https://cancercontrol.cancer.gov/IS/docs/GI_1R21CA201567-01A1.pdf
https://cancercontrol.cancer.gov/IS/docs/GI_1R21CA161657-01.pdf

From the National Institute of Allergy and Infectious Diseases (NIAID), there is one example of a funded proposal that uses the GWSW approach (although the Overall Objective is listed first and there is no named <u>critical need</u>):
https://www.niaid.nih.gov/sites/default/files/1-R01-AI121500-01A1_Gordon_Application.pdf

IES
Most recent general submission guide
http://ies.ed.gov/funding/pdf/FY2014_submission_guide.pdf

IES funding page
http://ies.ed.gov/funding/

Search Funded ED Grants
http://ies.ed.gov/funding/grantsearch/index.asp

IES Newsflash
http://ies.ed.gov/newsflash/

CDC
NIOSH extramural program
http://www.cdc.gov/niosh/oep/default.html

Kellogg Foundation Logic Model Development Guides
http://www.wkkf.org/resource-directory/resource/2006/02/wk-kellogg-foundation-logic-model-development-guide

"How to Wow a Study Section" *by Karen Hopkin in The Scientist, 1998, but still true!*
http://www.the-scientist.com/?articles.view/articleNo/18826/title/How-To-Wow-A-Study-Section--A-Grantsmanship-Lesson/

NEH
Grants Index
https://www.neh.gov/grants

Application Process
http://www.neh.gov/grants/application-process

HHMI
Laboratory Management—*A **must** for new investigators – Chapters 3, 4, & 8*
http://www.hhmi.org/developing-scientists/making-right-moves

AAAS
GrantsNet
http://sciencecareers.sciencemag.org/funding

On Writing
Nature Magazine's English Communication for Scientists
http://www.nature.com/scitable/ebooks/english-communication-for-scientist-14053993

NIH's page on using clear language
http://www.nih.gov/clearcommunication/plainlanguage.htm

Very illustrative plain language examples (Read these!)
http://grants.nih.gov/grants/plain_language_examples.htm

Scientist as Visual Communicator
http://www.printmag.com/design-inspiration/scientist-as-visual-communicator/

The importance of stupidity in scientific research
http://jcs.biologists.org/cgi/content/full/121/11/1771