

# XSEDE: The Extreme Science and Engineering Discovery Environment

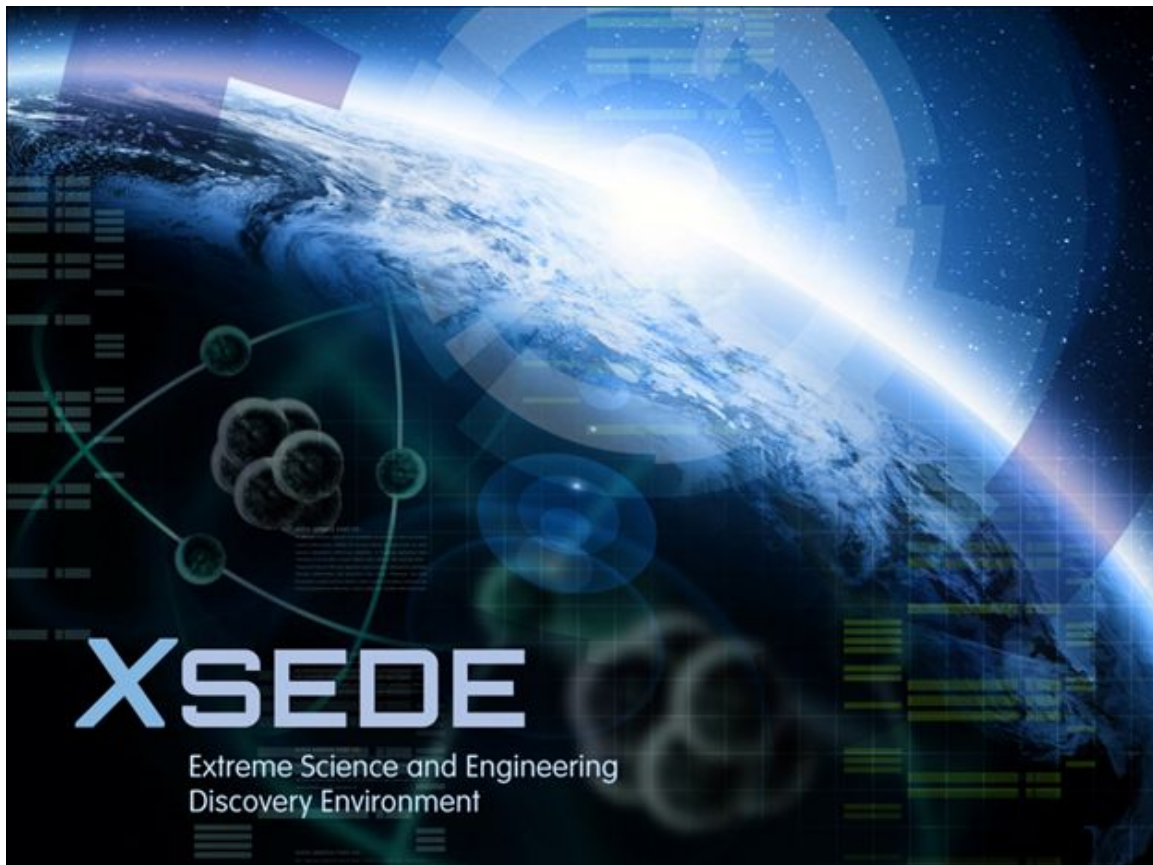
## Publications Initiative

*Draft last updated 10/2/2017*

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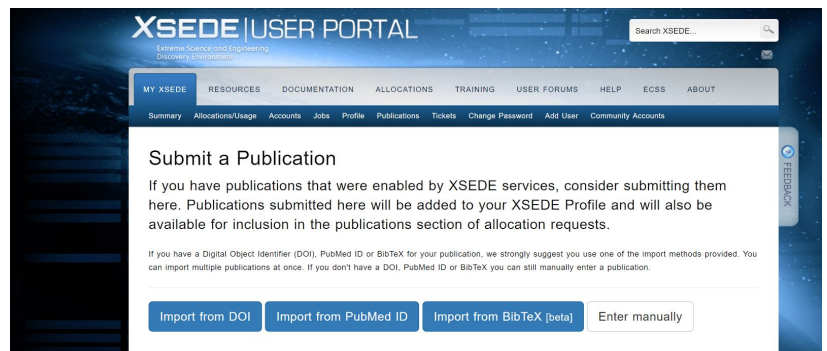
# XSEDE Publications Initiative

## A. Objective

The eXtreme Science and Engineering Discovery Environment (XSEDE) proposes the following program-wide Publication Initiative as a strategy to document and share XSEDE work experiences, innovative activities, lessons learned, and best practices. One of XSEDE's goals is to "Sustain the Ecosystem," measured by the following metric: *number of staff publications* which fulfills the subgoal of how to "Operate an innovative and virtual organization." The metric also feeds upward into a Key Performance Indicator (KPI) for the entire project. Tracking the number of staff publications produced shows that XSEDE staff are involved in novel activities including those that achieve peer-reviewed publication. For PY7, the target metric will be 30 staff publications posted in the XSEDE User Portal for that Program Year. Historically, XSEDE has periodically emphasized staff entering previous and currently-published works with inconsistent diligence. In response to NSF encouragement, XSEDE will build on what we have been doing and what we have learned as a project and expand by identifying opportunities for both what content we would share with the community and the vehicles for doing so. In order to foster broad representation of XSEDE to the advanced computing community, XSEDE will build into the PY8 plan time for staff to write peer-reviewed papers, technical reports, white papers, and present from these publications derived from their work on XSEDE.

## B. Publication Strategy

XSEDE will support staff time to write publications. XSEDE asks that all XSEDE staff cite their publications in the Digital Object Repository on the XSEDE User Portal (<https://www.xsede.org/group/xup/publications/submit/-/pubs-submit/>) and where possible staff publications will be made available via the IDEALS document repository:



<https://www.ideals.illinois.edu/handle/2142/35660>. Publication examples include, but are not limited to peer-reviewed publications, magazine publications, or professional journal publications with peer-reviewed publications preferred. Staff will be encouraged to write papers to document and share XSEDE work experiences, innovative activities, lessons learned, and best practices. Emphasis will be equally placed on publications that lead to publications only as well as

publications that also have presentations associated with them such as PEARC, SC and other conferences. Additionally, an XSEDE Technical Report Series will be established where XSEDE staff, campus champions, SPs, and others connected to XSEDE could publish technical reports and white paper relevant to the mission of XSEDE . Publication topics relevant to each XSEDE Level 2 (L2) and Level 3 (L3) area can be explored especially including processes, lessons learned, case studies, collaborations, integrations, and potential new areas of opportunities, such as, with Cloud technologies.

## C. Process and Next Steps

The XSEDE annual planning process will be updated such that the L2/L3 areas include planning information and expectations regarding publication effort and activities. XSEDE will build time into the PY8 schedule, planning staff time for publication and some presentations, creating submission opportunities as teams, and citing relevant pre-existing publications. As of October 1, 2017, all XSEDE Quarterly meetings will include a status of the completed and planned publication efforts across the entire project as well as all XSEDE SMT meetings will include a status of the completed and planned publication efforts across the entire project.

NSF's open access policy could conflict with publisher's restrictions and is being addressed by the the Practice and Experience in Advanced Research Computing (PEARC) Steering committee; ACM is publishing Proceedings and will need to see how NSF policies match the per-paper \$3k for open access.

## D. Technical Report Series

This Publication Initiative recommends that XSEDE begin an XSEDE Technical Report Series (TRS) for publications of importance to XSEDE and for the national cyberinfrastructure community in order to share information collected, integrated and/or developed by XSEDE staff that might not otherwise be published in peer-reviewed or other publications. In furthering the mission of XSEDE to enhance the productivity of researchers and to coordinate and add significant value to the cyberinfrastructure, the TRS will enhance XSEDE's ability to capture and share our knowledge of operating, supporting, advancing, and sustaining all aspects of the national cyberinfrastructure. Any of the 30 targeted XSEDE publications can be targeted for the TRS. Examples and guidance from Pittsburgh Supercomputer Center's (PSC) technical report series are included in the [Appendix](#) of this document.

The TRS process will be lightweight with the approval to start on a technical report resting with the staff member's L3 Manager and L2 Director. The TRS topic should be brought up in the XSEDE planning process with the staff member's L3 Manager or from the L3 Manager directly. Approvals to work on the TRS writing would then be through the normal XSEDE task planning process which is approved by the L2 Director. The submission would be created following a sample XSEDE technical report format with an example from PSC included in the [Appendix](#). Final approval of the acceptance of the technical report would be by the SMT or the SMT could choose to form a

subcommittee for approval of the XSEDE technical reports. Once approved the report would go into the University of Illinois IDEALS system with all technical reports linked to an XSEDE2 TRS page on the XSEDE2 website.

## E. Funding the Publication Initiative

No additional funding is anticipated for XSEDE staffing so existing staff time to perform publication writing will have to be prioritized as part of the program year planning process. For publications that have no presentation component there should be no additional funding necessary to support publication besides staff time. For publications that have a presentation component, such as for a conference with peer-reviewed conference proceedings, the L2 and L3 managers could prioritize existing travel budgets to potentially cover these presentation travel costs. Travel costs over and above what is already budgeted in XSEDE for travel could be requested as part of a Project Change Request for use from any unspent funds.

## F. Potential Publication Targets

Each L2 area will be encouraged to identify publishing targets from a broad spectrum that make sense for their areas including any publishers of cross-area or cross-discipline publications and scientific journals. A sample list of potential publishers is included in the [Appendix](#) as a non-exhaustive list.

# Appendix

## 1. PSC Tech Report Series Guidance

All PSC staff are encouraged to document significant results in an internal PSC Report. The template for these reports can be found at xxxx. PSC Technical reports will be available on our website at <https://www.psc.edu/index.php/news-publications/technical-reports> and will be searchable via unique DOI number.

Below is more information on PSC Technical reports, including a short FAQ and a process/task list.

### FAQ

- What constitutes a technical report?
  - Anything “significant”; any result worth communicating or citing
- Do I need to get my tech report approved? By who? When?
  - Two approvals
    - 1<sup>st</sup> Concept approval by direct manager
    - 2<sup>nd</sup> Tech report draft approval by Nick or J Ray; Vivian; Ralph (others if necessary)
- Is it assumed that each report will be created using the provided template or will someone convert what the author(s) write(s) to the template?
  - Yes, each report will be created using the provided template
  - If needed, help can be sought from Vivian
- Who is responsible for [writing, proofing, posting] the report?
  - Writing: staff member who’s work is “significant” enough for communicating or citing
  - Proofing: Nick, J Ray, Vivian, Ralph
  - Convert to PDF, obtain DOI, and post: Vivian
- How do you update an existing tech report?
  - Depending on the significance of the update, a minor update can be made to the existing technical report, or a new technical report can be written if a major update is required.

### Technical Report TaskList/Process

#### Concept Development and Approval

1. Develop technical report concept (Author(s) – Primary author must be from PSC)
2. Get approval for technical report concept (Author’s manager)

#### Writing Technical Report Review and Approval

1. Draft/Write Technical Report (Author(s))
  - a. Solicit feedback from those not involved in approval process if desired
2. Submit Technical Report for draft review (Author(s))
  - a. Review draft and provide feedback to Author for final draft (Author’s manager, J Ray or Nick, Ralph, Vivian)

- b. Incorporate feedback into final draft (Author(s))
- c. Submit final draft for approval (Author(s))
- d. Approve final draft and send to Vivian for publishing (J Ray, Nick, Ralph)

#### Publish Technical Report

1. Finalize report numbering, title, etc. for consistency (Vivian)
2. Request DOI number from campus (Vivian)
3. Add DOI number to report – may need to happen later if this remains a slow process (Vivian)
4. Publish technical report in PDF format to website (Vivian)

## 2. Sample Tech Report Format

### PSC Technical Report Format v1.0\_RCv3

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***Abstract*** – This template is intended to help with generating PSC technical reports with a reasonable degree of professionalism, consistency, and transferability to other common formats. It closely follows the format of SCxx proceedings with the intention of transitioning documents easily from technical reports to conference publications. This PSC technical report format differs in certain aspects for improved readability, and it provides various general guidance.

***Keywords*** – technical report, format, example, template.

#### 1 INTRODUCTION

This document provides a format for PSC technical reports, with goals of promoting professionalism, consistency, transferability to other formats, and encouraging authorship. A version without this explanatory text is also available as a Word template. An InDesign implementation is forthcoming. A LaTeX implementation is left as a relatively easy exercise for anyone who wants it.

All technical reports must be archived along with their assets (for example, full-resolution images), and they must be converted to, and published as, PDF documents. The locations of the archive and published collection are beyond

the scope of this document; contact PSC's communications group for further details.

The format is very close to that of SCxx proceedings and IEEE publications. This is to serve authors as they transition internal technical reports to various types of publications. Use of paragraph and character styles for all elements makes switching to a different target format straightforward. Where the format differs most from SCxx and IEEE formats is in prioritizing legibility over compactness, for example, using 10pt type rather than 9pt and adopting a correspondingly wider gutter. The required typefaces are widely available.

There are invariably tradeoffs between the presentation of technical content and design. For those who are interested, there exist many good – and occasionally conflicting – resources for information display, design, typography, and style. Wherever a choice must be made, clarity of presentation takes priority over sticking to some aspect of a template or some design principle.

This format is being circulated now to enable staff to begin documenting their work as technical reports. We will surely discover improvements for various reasons such as to address additional patterns or refine the styles defined here.

## 2 Related Work

It is customary and often helpful to discuss related work. For this template, this section serves merely as a placeholder and to illustrate the appearance of a subsection.

## 3 FORMATTING COVERED BY THIS TEMPLATE

This template does not try to anticipate every possible type of formatting. What might be written is open-ended, and the top priority must always be to convey technical content clearly and effectively.

## 4 Using Styles

The following examples illustrate key *styles* that have been placed in the template to serve the most common needs. Styles, which can apply to paragraphs or characters, allow appearance to be defined in one place, with automatic application of that style to all text tagged with that style.

Examples in this template are *Heading 1*, *Heading 2*, and *Heading 3* for headings, *Para\_Lead* and *Para\_Next*, and *Emphasis* for text to be emphasized. Of those, the *Heading* and *Para\_\** styles are paragraph styles, and *Emphasis* is a character style.

Strictly applying paragraph and character styles – rather than explicitly formatting individual words, sentences, and/or paragraphs – eases conversion to other publication formats.

## 5 Sections

Three levels of section headings are provided. If it is perceived that more are needed, a redesign is probably in order.

Cross references should be tagged whenever they are used. For example, we may want to reference means for handing citations (see §2.61.7). For references to headings, we typically use just the heading number. For references to figures and tables, we typically use the label and number (e.g., Figure 1).

## 6 Paragraphs

Basic paragraphs are styled as *Para\_Lead* and *Para\_Next* for the leading and subsequent paragraphs in a section. Lead paragraphs are not indented, whereas subsequent paragraphs are indented by approximately 1em.

For clarity in long sections of text, paragraphs can begin with an inline label. Those labels use the *Para\_Label* style, as illustrated below.

**Highlighting ideas in text.** It is often useful to draw the reader's attention to ideas that don't warrant full subsections. For these, placing the label in line with the text supports that emphasis and adds some structure.

**Another idea.** This second paragraph simply supports the first, illustrating the flow of multiple labeled paragraphs.

In some cases, however, it is better not to indent a labeled paragraph. An example of this is where successive blocks of text are each followed by lists, in which case indenting the paragraphs is unnecessary. The following two blocks illustrate this. Additional details on lists are covered in §2.41.5.

**One topic.** This is an example of a paragraph that precedes a list of resources that PSC has hosted. These are:

- *Blacklight*
- *BigBen*
- *Bridges*

**Another topic.** Note that indenting this paragraph is not needed for readability. In fact, indenting it would have *decreased* readability because its indentation would have lined up with the list above it.

- Another list
- Item 2
- Item 3

## 7 Lists

Lists can be bulleted, enumerated, or outlined. Here, we consider only bulleted and enumerated lists, which will be

the most common in technical reports.

## 8 Bulleted Lists

Here's a subsection. In this case, it's to describe basic formatting for bulleted lists using the *List Bulleted* style:

- List item 1
- List item 2
- List item 3
- List item 4
- List item 5

If item labels are used, they can be uniformly set off with the *List Label* character style. Also, the spacing after each



item can be omitted if the list is brief, for which there is a *List Bulleted Unspaced* style. For example:

- *Red*: a primary color
- *Yellow*: another primary color
- *Blue*: the third primary color

Note that the last item in the list has style *List Bulleted Last* to provide spacing before the start of this paragraph.

## 9 Enumerated Lists

Enumerated lists are similarly straightforward and use the *List Enumerated* style:

1. *Enumerated entry 1*: text...
2. *Enumerated entry 2*: text...
3. *Enumerated entry 3*: text...

Like bulleted lists, enumerated lists can also omit spacing between their items by using *List Enumerated Unspaced*:

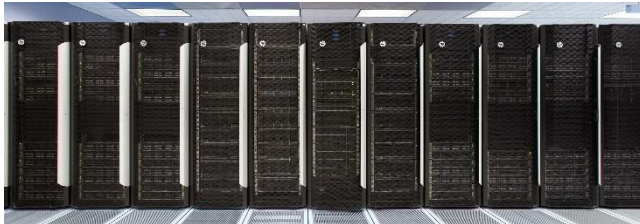
1. *Enumerated entry 1*: text...
2. *Enumerated entry 2*: text...
3. *Enumerated entry 3*: text...

## 10 Figures and Tables

Figures and tables can appear either within a column or centered, spanning columns. Each should be numbered, captioned, and referenced before it appears.

### 11 Figures

Figure 1 illustrates an inline figure.



Figures can also span columns, which is necessary when they need to be larger. However, this goes beyond the strength of simple word processors, so extra care is usually required to keep things where they belong. See Figure 2 for an example.

### 12 Tables

Tables can be inline or wider, just like figures. See Table 1 and Table 2 for examples.

**Table 1. An inline table.**

	Column 1	Column 2	Column 3
Row 1	Value 11	Value 12	Value 13

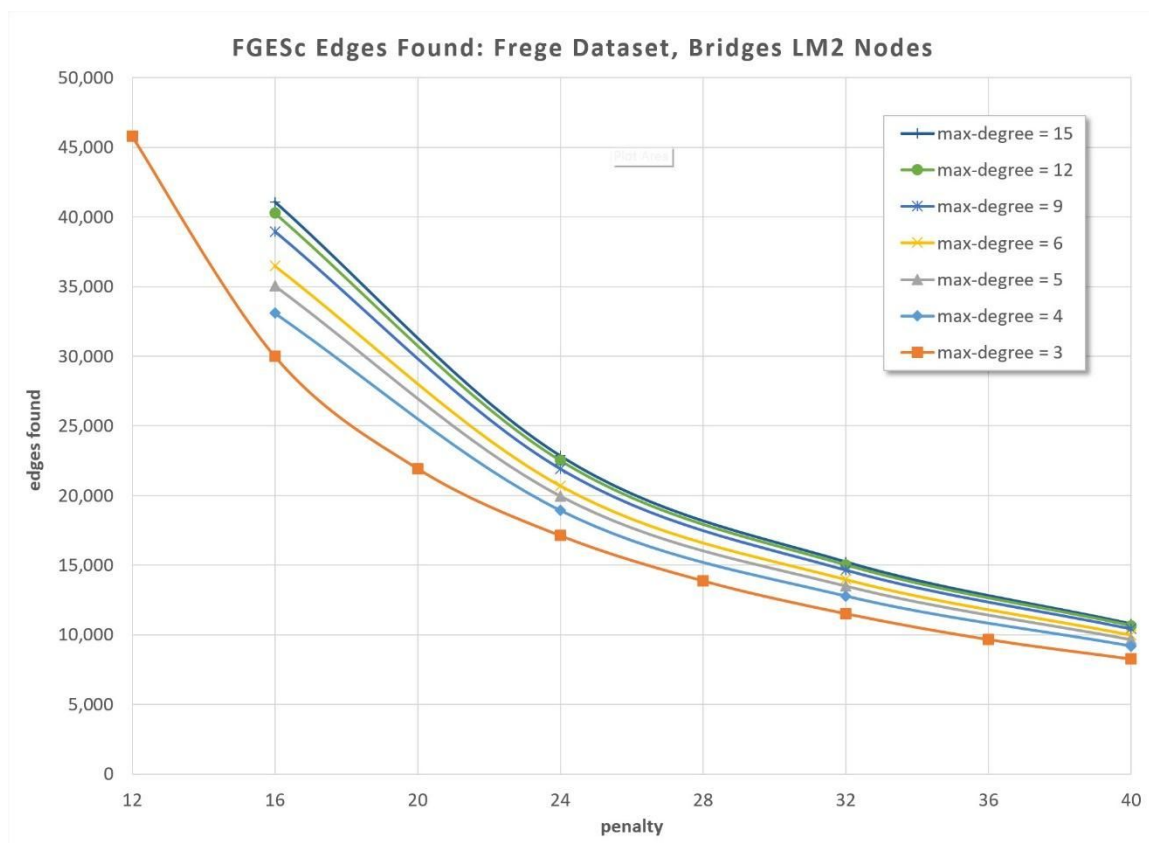
Row 2	Value 21	Value 22	Value 23
Row 3	Value 31	Value 32	Value 33

## 13 Citations

Citations can be placed into the document using Word's built-in functionality or using reference managers such as EndNote [1], Zotero [2], and Mendeley [3]. Each of EndNote, Zotero, and Mendeley has a cloud-based implementation to facilitate use from multiple devices and sharing. The disadvantage of using Word's built-in functionality is that the bibliography must be formatted manually and separately for each target publication format. EndNote, Zotero, and Mendeley have many built-in bibliography styles to automatically address common publication formats. In some cases, the preferred reference manager will depend on what collaborators are already using.

PSC is accumulating a list of staff publications and other publications of common interest. For that we are using Zotero, because it is available for free to all and places no (known) restriction on the number of people who can participate in a group. Zotero can output RIS files (as well as other formats) for use in other reference managers. Some may choose to maintain their own lists of references in one or more other reference managers.





References should be stored in the document, whenever possible, so that future users do not have to run the same reference manager.

## 14 STYLE

Many matters of style are often dictated by the target publication. Where there is no such constraint, the MLA Handbook [4] provides reasonably useful, current guidance.

One space, not two, follows the period after a sentence.

Nonbreaking spaces should separate text being cited from the citation to prevent lines from being broken between them.

The serial comma is strongly recommended. It frequently leads to clearer text, especially for technical writing. Those

that advocate reordering the conjunction neglect to realize that ordering often is not arbitrary. For example, items are often ordered by decreasing importance.

## 15 NOTES ON SOFTWARE

This document was produced with Microsoft Word 2016. The ways that Word handles image placement and other details have changed significantly since Word 2003. Staying reasonably current and maintaining files only in *.docx* format are highly recommended.

Even with fastidious use of styles and Word features, in certain spots, manual tweaks to the design are still necessary after all other changes have been made.

**Table 2. A table that spans two columns. Achieving this in Word is cumbersome. Continuous section breaks are inserted before and after, and the layout of the section between them (containing the table) is set to one column. With Word, this prevents the body text from flowing around the table, so any changes require either moving the section breaks or carefully exporting and importing text from before and/or after the table.**

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
Row 1	Value 11	Value 12	Value 13	Value 14	Value 15	Value 16
Row 2	Value 21	Value 22	Value 23	Value 24	Value 25	Value 26
Row 3	Value 31	Value 32	Value 33	Value 34	Value 35	Value 36
Row 4	Value 41	Value 42	Value 43	Value 44	Value 45	Value 46

For example, the white space prior to the subheading 2.6 and heading 3 was removed from the tops of those columns only after all other text was in place. This is necessary because the Word’s feature (in Options → Advanced) for “Suppress extra line spacing at top of page” appears to apply only to pages, not columns.

Similarly, Table 2, which requires continuous section breaks before and after allow it to span both columns, required some care to position correctly.

Other idiosyncrasies exist, such as tweaking the margins of Table 2’s caption to match the table.

Requiring such manual intervention is unfortunate, tedious, and prone to producing inconsistent results. Other software comes with other challenges. At the time of this writing, InDesign supports very high quality but does not interoperate with popular reference managers. LaTeX can achieve reasonable results, interfaces with BibLaTeX, and can be used with a version control system for collaborative development, but it tends to be very time-consuming to use and has a dwindling base of proficient users.

### 3. Potential Publishers

A sample list of potential publishers is included in the [Appendix](#) as a non-exhaustive list and can be updated by L2 area management as needed.

Topic	Potential Targets for Publication	Publisher's URL
<b>2.1 Community Engagement &amp; Enrichment</b>		
<b>2.1.2 Workforce Development</b>	Human Capital Media (HCM)	<a href="https://humancapitalmedia.com/">https://humancapitalmedia.com/</a>
	Economic Development Quarterly by SAGE Publishing	<a href="http://journals.sagepub.com/home/edq">http://journals.sagepub.com/home/edq</a>
	Human Resource Development Quarterly by Wiley	<a href="http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1532-1096">http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1532-1096</a> and <a href="http://guides.libraries.psu.edu/aed/journals">http://guides.libraries.psu.edu/aed/journals</a>
<b>2.1.3 User Engagement</b>	Research Involvement and Engagement by BioMed Central	<a href="https://researchinvolvement.biomedcentral.com/">https://researchinvolvement.biomedcentral.com/</a>

## 16 ACKNOWLEDGMENTS

All publications must acknowledge relevant sources of funding. For example:

*Bridges* and XSEDE 2.0 are supported by National Science Foundation grants ACI-1445606 and ACI-1548562, respectively.

## 17 REFERENCES

- [1] “EndNote,” *EndNote*. [Online]. Available: <http://endnote.com/>. [Accessed: 01-Feb-2017].
- [2] “Zotero.” [Online]. Available: <https://www.zotero.org/>. [Accessed: 01-Feb-2017].
- [3] “Mendeley.” [Online]. Available: <https://www.mendeley.com/>. [Accessed: 01-Feb-2017].
- [4] *MLA Handbook*, 8th Edition. The Modern Language Association of America, 2016.

	Science and Public Policy by Oxford Academic	<a href="https://academic.oup.com/sp">https://academic.oup.com/sp</a>
	Journal of Computer Information Systems by Taylor & Francis	<a href="http://www.tandfonline.com/loi/ucis20">http://www.tandfonline.com/loi/ucis20</a>
<b>2.1.4 Broadening Participation</b>	Journal of Engineering Education by Wiley	<a href="http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)2168-9830">http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)2168-9830</a>
	Journal of Chemical Education by ACS	<a href="http://pubs.acs.org/journal/jceda8">http://pubs.acs.org/journal/jceda8</a>
	The National Academies Press (NAP)	<a href="https://www.nap.edu/content/about-the-national-academies-press">https://www.nap.edu/content/about-the-national-academies-press</a>
	The Journal of Higher Education by JSTOR	<a href="https://ohiostatepress.org/IHE.html">https://ohiostatepress.org/IHE.html</a>
<b>2.1.5 User Interfaces &amp; Online Information</b>	Journal on Multimodal User Interfaces by Springer	<a href="http://www.springer.com/computer/hci/journal/12193">http://www.springer.com/computer/hci/journal/12193</a>
	The MIT Press Journals	<a href="http://www.mitpressjournals.org/">http://www.mitpressjournals.org/</a>
	International Journal of Computer Science and Information Technology Research by Research Publish Journals	<a href="http://www.researchpublish.com/journalss/IJCSITR">http://www.researchpublish.com/journalss/IJCSITR</a> and <a href="http://www.researchpublish.com/index.php#anchor">http://www.researchpublish.com/index.php#anchor</a>
	Journal of Information Technology	<a href="https://link.springer.com/journal/41265">https://link.springer.com/journal/41265</a> and <a href="http://www.guide2research.com/journals/human-computer-interaction">http://www.guide2research.com/journals/human-computer-interaction</a> (Top Journals for Human Computer Interaction)
	Information Systems Journal	<a href="http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1365-2575">http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1365-2575</a>
	Information Sciences	<a href="https://www.journals.elsevier.com/information-sciences/">https://www.journals.elsevier.com/information-sciences/</a>
	Information Systems Research	<a href="https://www.informs.org/Publications/INFORMS-Journals/Information-Systems-Research">https://www.informs.org/Publications/INFORMS-Journals/Information-Systems-Research</a>
<b>2.1.6 Campus Engagement</b>	Journal of Social Issues from Wiley	<a href="http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1540-4560">http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1540-4560</a> and <a href="http://compact.org/resource-posts/journals-that-focus-on-engaged-scholarship/">http://compact.org/resource-posts/journals-that-focus-on-engaged-scholarship/</a> (link to

		list of journal that focus on engaged scholarship)
<b>2.2 Extended Collaborative Support Service</b>		
<b>2.2.2 Extended Support for Research Teams</b>	Research Metrics and Analytics from Frontier	<a href="http://journal.frontiersin.org/journal/research-metrics-and-analytics#about">http://journal.frontiersin.org/journal/research-metrics-and-analytics#about</a>
	Frontiers in Communication	<a href="http://journal.frontiersin.org/journal/communication#about">http://journal.frontiersin.org/journal/communication#about</a>
	Harvard Business Publishing	<a href="https://hbr.org/topics">https://hbr.org/topics</a>
	Scientific Reports from Nature	<a href="https://www.nature.com/srep/">https://www.nature.com/srep/</a>
<b>2.2.3 Novel &amp; Innovative Projects</b>	Harvard Business Publishing	
	Nature Structural & Molecular Biology from Nature	<a href="http://www.nature.com/nsmb/journal/v15/n5/full/nsmb0508-425.html">http://www.nature.com/nsmb/journal/v15/n5/full/nsmb0508-425.html</a>
	Journal of Product Innovation Management from Wiley	<a href="http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1540-5885/earlyview">http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1540-5885/earlyview</a>
	Journal of Knowledge Management, Economics and Information Technology from Scientific paper	<a href="http://www.scientificpapers.org/">http://www.scientificpapers.org/</a>
	The Journal of Modern Project Management	<a href="http://www.journalmodernpm.com/index.php/jmpm/index">http://www.journalmodernpm.com/index.php/jmpm/index</a>
<b>2.2.4 Extended Support for Community Codes</b>	Nature Neuroscience	<a href="http://www.nature.com/neuro/index.html">http://www.nature.com/neuro/index.html</a>
	National Information Standards Organization	<a href="http://www.niso.org/about/">http://www.niso.org/about/</a>
	code4lib	<a href="https://code4lib.org/about">https://code4lib.org/about</a>
	Science of Computer Programming	<a href="https://www.journals.elsevier.com/science-of-computer-programming">https://www.journals.elsevier.com/science-of-computer-programming</a>
	Software Articles	<a href="https://www.elsevier.com/authors/author-services/research-elements/software-articles">https://www.elsevier.com/authors/author-services/research-elements/software-articles</a>
<b>2.2.5 Extended Support for Science Gateways</b>	Science Gateway	<a href="http://sciencegateways.org/">http://sciencegateways.org/</a>
	The CIPRES Science Gateway	<a href="http://www.phylo.org/index.php/">http://www.phylo.org/index.php/</a>
	Science Node	<a href="https://sciencenode.org/about/index.php">https://sciencenode.org/about/index.php</a>

	NSG Portal	<a href="https://www.nsgportal.org/">https://www.nsgportal.org/</a>
	Computational Infrastructure for Geodynamics (CIG)	<a href="https://geodynamics.org/">https://geodynamics.org/</a>
<b>2.2.6 Extended Support for Education, Outreach &amp; Training</b>	Journal of Computational Science Education	<a href="http://jocse.org/">http://jocse.org/</a>
	PLOS One	<a href="http://journals.plos.org/plosone/">http://journals.plos.org/plosone/</a>
	Frontiers in Education	<a href="http://journal.frontiersin.org/journal/education#about">http://journal.frontiersin.org/journal/education#about</a>
	Education Sciences	<a href="http://www.mdpi.com/journal/education">http://www.mdpi.com/journal/education</a>
	Nature	<a href="http://www.nature.com/siteindex/index.html">http://www.nature.com/siteindex/index.html</a>
<b>2.3 XSEDE Community Infrastructure</b>		
<b>2.3.2 Requirements Analysis &amp; Capability Delivery "RACD"</b>	International Journal of Software Engineering & Applications	<a href="http://www.airccse.org/journal/ijsea/ijsea.html">http://www.airccse.org/journal/ijsea/ijsea.html</a>
	MITRE	<a href="https://www.mitre.org/publications/all">https://www.mitre.org/publications/all</a>
	Computer Society Press	<a href="https://www.computer.org/web/guest/home">https://www.computer.org/web/guest/home</a>
	Journal of Management Information Systems	<a href="http://www.tandfonline.com/action/journalInformation?show=aimsScope&amp;journalCode=mmis20">http://www.tandfonline.com/action/journalInformation?show=aimsScope&amp;journalCode=mmis20</a>
<b>2.3.3 XSEDE Capability &amp; Resource Integration (XCRI)</b>	International Journal of Production Research	<a href="http://www.tandfonline.com/action/journalInformation?show=aimsScope&amp;journalCode=tpirs20">http://www.tandfonline.com/action/journalInformation?show=aimsScope&amp;journalCode=tpirs20</a>
	Journal of Strategy and Management	<a href="http://www.emeraldinsight.com/loi/jsma">http://www.emeraldinsight.com/loi/jsma</a>
	European Journal of Innovation Management	<a href="http://www.emeraldinsight.com/loi/ejim">http://www.emeraldinsight.com/loi/ejim</a>
	Journal of Management	<a href="http://journals.sagepub.com/home/jom">http://journals.sagepub.com/home/jom</a>
<b>2.4 XSEDE Operations</b>		
<b>2.4.2 Security</b>	Journal of Information Security and Applications	<a href="https://www.journals.elsevier.com/journal-of-information-security-and-applications">https://www.journals.elsevier.com/journal-of-information-security-and-applications</a>
	Security Journal	<a href="https://link.springer.com/journal/41284">https://link.springer.com/journal/41284</a>

	Journal of Global Security Studies	<a href="https://academic.oup.com/jogss">https://academic.oup.com/jogss</a>
	Stability: International Journal of Security & Development	<a href="http://www.stabilityjournal.org/about/">http://www.stabilityjournal.org/about/</a>
	Security and Communication Networks	<a href="http://onlinelibrary.wiley.com/journal/10.1002/%28ISSN%291939-0122">http://onlinelibrary.wiley.com/journal/10.1002/%28ISSN%291939-0122</a>
	Journal of Information Security	<a href="http://www.scirp.org/journal/jis/">http://www.scirp.org/journal/jis/</a>
	International Security	<a href="http://www.mitpressjournals.org/loi/isec">http://www.mitpressjournals.org/loi/isec</a>
	IEEE Security & Privacy	<a href="http://ieeexplore.ieee.org/xpl/aboutjournal.jsp?punumber=8013#AimsScope">http://ieeexplore.ieee.org/xpl/aboutjournal.jsp?punumber=8013#AimsScope</a>
	ACM Transactions on Transactions on Privacy and Security (TOPS)	<a href="http://tops.acm.org/about.cfm">http://tops.acm.org/about.cfm</a>
	IET Information Security	<a href="http://digital-library.theiet.org/content/journals/iet-ifs">http://digital-library.theiet.org/content/journals/iet-ifs</a>
	International Journal of Safety and Security Engineering	<a href="https://www.witpress.com/journals/sse">https://www.witpress.com/journals/sse</a>
	Journal of Information System Security (JISec)	<a href="http://www.jisec.org/">http://www.jisec.org/</a>
<b>2.4.3 XSEDE net &amp; Data Services</b>	Journal of eScience Librarianship	<a href="http://escholarship.umassmed.edu/jeslib/">http://escholarship.umassmed.edu/jeslib/</a>
	National Data Service	<a href="http://www.nationaldataservice.org/">http://www.nationaldataservice.org/</a>
	Concurrency and Computation: Practice and Experience	<a href="http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1532-0634">http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1532-0634</a>
	Semantic Web journal	<a href="http://www.semantic-web-journal.net/">http://www.semantic-web-journal.net/</a>
	IFLA Journal	<a href="https://us.sagepub.com/en-us/nam/journal/ifla-journal#description">https://us.sagepub.com/en-us/nam/journal/ifla-journal#description</a>
<b>2.4.4 XSEDE Operations Center</b>	Journal of Computational Science Education	<a href="http://jocse.org/">http://jocse.org/</a>
	Computing in Science & Engineering	<a href="http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=5992">http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=5992</a>
	Journal of Operations Management	<a href="https://www.journals.elsevier.com/journal-of-operations-management/">https://www.journals.elsevier.com/journal-of-operations-management/</a>

	NCO Journal	<a href="http://ncojournal.dodlive.mil/about-us/">http://ncojournal.dodlive.mil/about-us/</a>
	American City Business Journals	<a href="https://acbj.com/">https://acbj.com/</a>
<b>2.4.5 Systems Operational Support</b>	International Journal of Network Management	<a href="http://onlinelibrary.wiley.com/doi/10.1002/nem.v16:6/issuetoc">http://onlinelibrary.wiley.com/doi/10.1002/nem.v16:6/issuetoc</a>
	Decision Support Systems	<a href="https://www.journals.elsevier.com/decision-support-systems/">https://www.journals.elsevier.com/decision-support-systems/</a>
	International Journal of Production Research (IJPR)	<a href="http://www.tandfonline.com/action/journalInformation?show=aimsScope&amp;journalCode=tprs20">http://www.tandfonline.com/action/journalInformation?show=aimsScope&amp;journalCode=tprs20</a>
<b>2.5 Resource Allocation Service</b>		
<b>2.5.2 Allocations Process</b>	Journal of Economic Theory	<a href="https://www.journals.elsevier.com/journal-of-economic-theory/">https://www.journals.elsevier.com/journal-of-economic-theory/</a>
	Games and Economic Behavior	<a href="https://www.journals.elsevier.com/games-and-economic-behavior/">https://www.journals.elsevier.com/games-and-economic-behavior/</a>
	Journal of International Business Studies	<a href="http://www.jibs.net/">http://www.jibs.net/</a>
	The Journal of Finance	<a href="http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1540-6261">http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1540-6261</a>
<b>2.5.3 Allocations, Accounting &amp; Account Mgmt. (A3M)</b>	Management Accounting Research	<a href="https://www.journals.elsevier.com/management-accounting-research">https://www.journals.elsevier.com/management-accounting-research</a>
	Journal of Accounting and Economics	<a href="https://www.journals.elsevier.com/journal-of-accounting-and-economics/">https://www.journals.elsevier.com/journal-of-accounting-and-economics/</a>
	Journal of Management Accounting Research	<a href="http://aaapubs.org/loi/jmar?code=aaan-site">http://aaapubs.org/loi/jmar?code=aaan-site</a>
	Journal of Accountancy	<a href="http://www.journalofaccountancy.com/topics/management-accounting.html">http://www.journalofaccountancy.com/topics/management-accounting.html</a>
	International Journal of Accounting & Information Management	<a href="http://www.emeraldinsight.com/journal/ijaim">http://www.emeraldinsight.com/journal/ijaim</a>
	Managerial Accounting eJournal	<a href="https://papers.ssrn.com/sol3/JELJOUR Results.cfm?form_name=journalbrowse&amp;journal_id=1475470">https://papers.ssrn.com/sol3/JELJOUR Results.cfm?form_name=journalbrowse&amp;journal_id=1475470</a>



	Journal of Accounting Research	<a href="http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1475-679X">http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1475-679X</a>
	Management Accounting Research	<a href="https://www.journals.elsevier.com/management-accounting-research">https://www.journals.elsevier.com/management-accounting-research</a>
<b>2.6 Program Office</b>		
<b>2.6.2 External Relations</b>	Journal of International Studies	<a href="http://www.jois.eu/?en_home_26">http://www.jois.eu/?en_home_26</a>
	European Union	<a href="http://eur-lex.europa.eu/summary/chapter/external_relations.html?root default=SUM_1_CODED%3D28">http://eur-lex.europa.eu/summary/chapter/external_relations.html?root default=SUM_1_CODED%3D28</a>
<b>2.6.3 Project Management, Reporting &amp; Risk Management</b>	Project Management Journal by PMI	<a href="https://www.pmi.org/learning/publications/project-management-journal">https://www.pmi.org/learning/publications/project-management-journal</a>
	International Journal of Information Technology Project Management	<a href="http://www.igi-global.com/journal/international-journal-information-technology-project/1103">http://www.igi-global.com/journal/international-journal-information-technology-project/1103</a>
	PM Network	<a href="https://www.pmi.org/learning/publications/pm-network">https://www.pmi.org/learning/publications/pm-network</a>
	Project Manager Today	<a href="https://www.pmtoday.co.uk/">https://www.pmtoday.co.uk/</a>
	International Journal of Project Management	<a href="https://www.journals.elsevier.com/international-journal-of-project-management">https://www.journals.elsevier.com/international-journal-of-project-management</a>
	International Journal of Risk Assessment and Management	<a href="http://www.inderscience.com/jhome.php?jcode=ijram">http://www.inderscience.com/jhome.php?jcode=ijram</a>
	OECD Publishing	<a href="http://www.oecd.org/about/publishing/">http://www.oecd.org/about/publishing/</a>
<b>2.6.4 Business Operations</b>	Journal of Operations Management	<a href="https://www.journals.elsevier.com/journal-of-operations-management/">https://www.journals.elsevier.com/journal-of-operations-management/</a>
	Manufacturing and Service Operations Management	<a href="http://pubsonline.informs.org/journal/msom">http://pubsonline.informs.org/journal/msom</a>
	Management Science from INFORMS	<a href="http://pubsonline.informs.org/journal/mnsc">http://pubsonline.informs.org/journal/mnsc</a>
	Journal of Management Information Systems (JMIS) by Taylor & Francis	<a href="http://www.jmis-web.org/issues">http://www.jmis-web.org/issues</a>

	Foundations and Trends® in Technology, Information and Operations Management	<a href="http://www.nowpublishers.com/TOM">http://www.nowpublishers.com/TOM</a>
<b>2.6.5 Strategic Planning, Policy, Evaluation &amp; Organizational Improvement (SP&amp;E)</b>	Journal of Community Engagement and Scholarship	<a href="http://jces.ua.edu/about/">http://jces.ua.edu/about/</a>
	International Journal of Organization Theory and Behavior	<a href="http://pracademics.com/index.php/ijotb">http://pracademics.com/index.php/ijotb</a>
	Research Journal of Business and Management	<a href="http://www.pressacademia.org/journals/rjbm">http://www.pressacademia.org/journals/rjbm</a>
	Journal of Higher Education Outreach and Engagement	<a href="http://openjournals.libs.uga.edu/index.php/jheoe/index">http://openjournals.libs.uga.edu/index.php/jheoe/index</a>
	Business and Management journals	<a href="https://www.elsevier.com/social-sciences/business-and-management">https://www.elsevier.com/social-sciences/business-and-management</a>

[Here](#) is also a list of open access journals Nancy has been compiling as options for the Gateways special journal issue.

## 4. [remove once final] March 2017 Quarterly Meeting Notes

2017-04-07 XSEDE Publications Initiative

Present: John, Laura, Victor

### 1. Quarterly

- a. NSF-17-060-public-access-policy-faq.pdf
- b. <https://confluence.xsede.org/display/XT/20170308-+Brainstorm%3A+Publications+topics+about+XSEDE+by+XSEDE>
  - i. Collect pre-existing publications
  - ii. Include in PY7 planning
  - iii. Staff reminders
  - iv. Check w/community
  - v. Review XSEDE proposal
  - vi. Setup publication tracking tool
  - vii. Topics Brainstorm
    1. XCI Software Engineering process (XSEDE1 what was learned & XSEDE2)
    2. Evaluation
    3. RAS (XRAS, AMIE, non-XSEDE integration)
    4. XSEDE tech report series
    5. Campus Champions program story

6. SPF story
7. Case Study: XSEDE1 (different perspectives organizational, CI, etc.)
8. Case Study: TG
9. Tech report: operational management tools of XSEDE
10. Project Management in large distributive Science Research/CI hybrid project
11. Case Study: allocation process
12. Operations within a distributed project
13. Moving to cloud resources
14. PIF projects could be topics of publications
15. Annual planning high priority items could be topics
16. Researchers/research projects using/associated with XSEDE
17. NIP
18. Collaborative papers, including those studying XSEDE

## 2. SMT

- a. Brainstorm session of papers that should be planned for and written
- b. Should also generate a publication list for XSEDE, linked to Tech Report Series
- c. Victor might be interested in leading this effort; co-lead interest?
- d. Policies for publications, etc. will also need to be dealt with. PEARC will also run into this issue; perhaps PEARC could make a statement about publications and proceedings
- e. Dave - ACM is publishing proceedings, will have to see how NSF policies match up. \$3k per paper for open access. Conference series could look at open access options
- f. John - adding this to Steering Committee list

## 3. Strategic Planning, Policy, & Evaluation Team

- a. Laura requested list of publication sources from Melissa Cragin

## 4. Next steps

- a. John's understanding: NSF wants us to share more formally what we are learning with the broader community
- b. Technical Report series
- c. XSEDE Digital Object Repository to be cited
- d. Need a strategy for how we share what we learn: peer-reviewed publications, presentations at conferences, technical report, other channels; and how we build that into what we do with the planning process
- e. Funding for travel?
- f. Letters of collaboration potential paper leads
- g. Summarize strategy including plans to implement during PY7 and adopting in PY8 plans; could bring up during review
- h. NSF's open access policy vs. publisher's restriction

## 5. Draft text