Training Accomplishments

Include Impact stories - stories related to positive outcomes

Include Publications - from blog posting to print

IPR17: May 1 2021 - July 31 2021

May 2021: CVW topic Getting Started on Frontera - Topic updated
May 2021: CVW topic Vectorization - Topic updated

IPR16: Feb 1 2021 - Apr 30 2021

March 2021: Roadmap on “How Can I Analyze Scientific Data?” published
March 2021: CVW topic Introduction to Advanced Cluster Architectures - New topic added

March 2021: Cl-Tutor course Introduction to Performance Tools updated and Performance Tools Beginner badge added

<table>
<thead>
<tr>
<th>Badges Awarded - Feb 2021 - Apr 2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Visualization Beginner Badge</td>
</tr>
<tr>
<td>Lustre I/O Beginner</td>
</tr>
<tr>
<td>Matlab for HPC Beginner Badge</td>
</tr>
<tr>
<td>Performance Tools Beginner</td>
</tr>
<tr>
<td>XSEDE Data Science with Python Badge</td>
</tr>
<tr>
<td>XSEDE HPC Big Data Intermediate Badge</td>
</tr>
<tr>
<td>XSEDE HPC OpenMP Beginner Badge</td>
</tr>
<tr>
<td>XSEDE MPI Beginner Badge</td>
</tr>
<tr>
<td>XSEDE OpenACC - Advanced</td>
</tr>
<tr>
<td>XSEDE OpenACC - Beginner</td>
</tr>
<tr>
<td>XSEDE OpenACC - Intermediate</td>
</tr>
<tr>
<td>XSEDE User Portal Guru</td>
</tr>
<tr>
<td><strong>Total Badges Awarded</strong></td>
</tr>
</tbody>
</table>

IPR15: Nov 1 2020 - Jan 31 2021

November 2020: CVW topic Data Transfer - Major update
December 2020: CVW topic Intro to Wrangler - Decommissioned
January 2021: CVW topic Vectorization - Updated
January 2021: Roadmap on “Getting Started as a Campus Champion” published

<table>
<thead>
<tr>
<th>Badges Awarded - Nov 2020 - Jan 2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>XSEDE HPC Big Data Beginner Badge</td>
</tr>
<tr>
<td>XSEDE HPC OpenMP Beginner Badge</td>
</tr>
<tr>
<td>XSEDE MPI Intermediate Badge</td>
</tr>
<tr>
<td>XSEDE OpenACC - Beginner</td>
</tr>
<tr>
<td>XSEDE User Portal Guru</td>
</tr>
<tr>
<td><strong>Total Badges Awarded</strong></td>
</tr>
</tbody>
</table>
January 2021: The port of the CI-Tutor courses to the Moodle site used to host XSEDE badges was completed. The ported courses were reviewed and updated as needed. Five of the CI-Tutor courses were not ported because they were considered too out-of-date. They are undergoing review to determine if updates are worthwhile.

**IPR14: Aug 1 2020 - Oct 31 2020**

August 2020: CVW topic MATLAB Programming Updated
August 2020: Roadmap on "How to run a containerized application" published
August 2020: Two outdated CVW topics were removed: VisIt and PerfExpert

**September 2020:** CVW topic Python for Data Science Part 2 added

**October 2020:** Roadmap on "Science Gateways: How-tos" published

### Badges Awarded - Aug-Oct 2020

<table>
<thead>
<tr>
<th>Badge Category</th>
<th>Awarded</th>
</tr>
</thead>
<tbody>
<tr>
<td>XSEDE OpenMP Beginner</td>
<td>1</td>
</tr>
<tr>
<td>XSEDE MPI Beginner</td>
<td>2</td>
</tr>
<tr>
<td>XSEDE HPC Big Data Beginner</td>
<td>18</td>
</tr>
<tr>
<td>Lustre I/O</td>
<td>2</td>
</tr>
<tr>
<td>User Portal Guru</td>
<td>2</td>
</tr>
</tbody>
</table>

Total of 25 badges awarded.

**New Badges announced this quarter:**

XSEDE MPI Intermediate Badge

**IPR13: May 1 2020 - Jul 31 2020**

May 2020: CVW topic Python for High Performance Updated
June 2020: CVW topic Using the Jetstream APIs New Topic Added

**July 2020:** PEARC Activity:

<table>
<thead>
<tr>
<th>Name</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Victor Eijkhout</td>
<td>Tutorial: An Introduction to Advanced Features in MPI, <a href="https://sched.co/cnSg">https://sched.co/cnSg</a> (Lead presenter)</td>
</tr>
<tr>
<td>Victor Eijkhout</td>
<td>Paper: Implementing a Prototype System for 3D Reconstruction of Compressible Flow, <a href="https://sched.co/cnTq">https://sched.co/cnTq</a> (Co-presenter)</td>
</tr>
<tr>
<td>Tom Maiden</td>
<td>Tutorial: Democratizing/Demystifying Advanced Cyberinfrastructure for Deep Learning, <a href="https://sched.co/cnTG">https://sched.co/cnTG</a> (Co-presenter)</td>
</tr>
<tr>
<td>John Urbanic</td>
<td>Tutorial: Democratizing/Demystifying Advanced Cyberinfrastructure for Deep Learning, <a href="https://sched.co/cnTG">https://sched.co/cnTG</a> (Co-presenter)</td>
</tr>
<tr>
<td>Susan Mehringer</td>
<td>Workshop: Strategies for Enhancing HPC Education and Training, <a href="https://sched.co/cnTP">https://sched.co/cnTP</a> (On organizing team, running one of the workshop Panels)</td>
</tr>
<tr>
<td>Susan Mehringer</td>
<td>Paper: Using Containers to Create More Interactive Online Training and Education Materials, <a href="https://sched.co/cnVI">https://sched.co/cnVI</a> (Co-presenter)</td>
</tr>
<tr>
<td>Susan Mehringer</td>
<td>BoF: User Training and Engagement in Scientific Computing, <a href="https://sched.co/cnWM">https://sched.co/cnWM</a> (Panelist)</td>
</tr>
<tr>
<td>Susan Mehringer</td>
<td>Workshop: What Does it Mean to be a Campus Champion?, <a href="https://sched.co/cnYF">https://sched.co/cnYF</a> (Presenting &quot;XSEDE Training&quot;)</td>
</tr>
</tbody>
</table>

July 2020: Roadmap on "How to run a containerized application" out for CEE review

**New Badges this quarter:**

XSEDE Data Science with Python Beginner
Lustre I/O Beginner
Matlab for HPC Beginner

July 2020: Using the Lustre File System course moved from CI-Tutor to the Moodle site (www.hpc-training.org). Content was updated and a "Lustre I/O Beginner" badge offered.

Secure training account distribution and HPC node reservation management for the following tutorials:

- Intro to Advanced Features in MPI https://sched.co/cnSg
- Intro to Docker, Kubernetes, and Singularity https://sched.co/cnY3
- Leveraging Tapis For Portable, Reproducible High Performance Computing In the Cloud https://sched.co/cnYL
- Modern Tools for Supercomputers https://sched.co/cnYO
- Programming Modern Multicore Processors https://sched.co/cnYR

IPR12: Feb 1 2020 - Apr 30 2020

Apr 2020: Roadmap on "How to run TensorFlow-based applications" published
Apr 2020: CVW topic Python for Data Science - Part 1: Data Processing and Visualization New topic published, CAC/SDSC collaboration
Apr 2020: XSEDE HPC Workshop : Big Data
Mar 2020: XSEDE HPC Workshop: GPU Programming using OpenACC
Mar 2020: The 'Using the XSEDE User Portal' tutorial in CI-Tutor was ported to the Moodle site used for XSEDE badges and modified to include the 'XSEDE User Portal Guru' badge.
Mar 2020: The 'Using the Luster File System' tutorial in CI-Tutor was ported to the Moodle site used for XSEDE badges and modified to include a badge. It has been reviewed and is waiting for minor updates before being released.
Feb 2020: XSEDE HPC Workshop : Big Data
Jan 2020: CVW topic “Python for Data Science - Part 1: Data Processing and Visualization” new topic out for review

<table>
<thead>
<tr>
<th>Badges Awarded Feb 2020 - Apr 2020</th>
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</thead>
<tbody>
<tr>
<td>XSEDE HPC Big Data Beginner Badge</td>
<td>36*</td>
</tr>
<tr>
<td>XSEDE MPI Beginner Badge</td>
<td>1</td>
</tr>
<tr>
<td>XSEDE OpenACC - Beginner</td>
<td>2</td>
</tr>
<tr>
<td>XSEDE User Portal Guru</td>
<td>2</td>
</tr>
</tbody>
</table>

* 28 badges earned in previous quarters were awarded late in this quarter due to an error in the badge criteria which has been corrected.

IPR11: Nov 1 2019 - Jan 31 2020

Jan 2020: Roadmap on "How can I analyze my code?" published
Jan 2020: Added link to the XSEDE OpenACC Workshop YouTube playlist on the XSEDE badges site for the workshop.
Jan 2020: Roadmap on "Big Data Apache Spark Roadmap" published
Jan 2020: Roadmap on "Big Data Apache Hadoop Roadmap" published
Jan 2020: XSEDE HPC Workshop : OpenMP
Jan 2020: Presented XSEDE Overview at the CLAC High Performance Computing Mindshare, Swarthmore College, Susan Mehringer
Jan 2020: Webinar: Writing a Successful XSEDE Allocation Proposal (Jan)
Jan 2020: Webinar: Using the NVIDIA Rapids Toolkit on Comet (Jan)
Dec 2019: XSEDE HPC Workshop : Big Data
Dec 2019: Began working with the International HPC Summer School organizers to develop the Moodle site to support the 2020 workshop.
Dec 2019: Article promoting XSEDE badges published in XSEDE Science Stories
Dec 2019: Webinar: Writing a Successful XSEDE Allocation Proposal (Dec)
Dec 2019: Webinar: Data Visualization With Python Using Jupyter Notebooks (Dec)
Nov 2019: XSEDE HPC Workshop : OpenMP
Nov 2019: CVW topic "Linux" topic updated

### Badges Awarded Nov 2019 - Jan 2020

<table>
<thead>
<tr>
<th>Badge Category</th>
<th>Count</th>
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<tbody>
<tr>
<td>XSEDE OpenMP Beginner</td>
<td>2</td>
</tr>
<tr>
<td>XSEDE MPI Beginner</td>
<td>1</td>
</tr>
<tr>
<td>XSEDE HPC Big Data Beginner</td>
<td>2</td>
</tr>
<tr>
<td>XSEDE HPC Big Data Intermediate</td>
<td>1</td>
</tr>
<tr>
<td>Data Visualization Beginner</td>
<td>1</td>
</tr>
<tr>
<td>XSEDE OpenACC</td>
<td>1</td>
</tr>
</tbody>
</table>

Oct 2019: Roadmaps: Simplified the roadmap review process. Ongoing restructuring of roadmaps, so no new roadmaps published this quarter.

Oct 2019: CVW topic “Globus File Transfer” topic updated

Oct 2019: CVW topic “Advanced Globus File Transfer” topic updated

Oct 2019: XSEDE Webinar: Introduction to Deep Learning on Comet

Oct 2019: Gateways Conference Poster “Science Gateways Roadmap”, Jeff Sale and Eroma Abyesinghe

Oct 2019: **XSEDE HPC Workshop : Big Data**

Sep 2019: **XSEDE HPC Workshop : MPI**

Sep 2019: Science Gateways Roadmap completed and is live on the Cornell Virtual Workshop.

Aug 2019: **XSEDE HPC Workshop: Big Data**

Aug 2019: At the request of Blue Waters training staff, a Petascale Computing Institute 2019 badge was developed for issuance to participants of the institute held at NCSA. There were 46 badges awarded. The structure for awarding the badge was designed so that it can be used by other workshop planners who want to issue an XSEDE participant badge for their attendees. The structure used for the PCI 2019 badge can be viewed at [https://www.hpc-training.org/xsede/moodle/course/view.php?id=30](https://www.hpc-training.org/xsede/moodle/course/view.php?id=30).

### Badges Awarded August - October 2019

<table>
<thead>
<tr>
<th>Badge Category</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>XSEDE OpenACC - Beginner</td>
<td>1</td>
</tr>
<tr>
<td>Data Visualization Beginner Badge</td>
<td>1</td>
</tr>
<tr>
<td>XSEDE HPC Big Data Beginner Badge</td>
<td>11</td>
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<tr>
<td>XSEDE HPC Big Data Intermediate Badge</td>
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</tr>
<tr>
<td>Petascale Computing Institute 2019</td>
<td>47</td>
</tr>
</tbody>
</table>

IPR9: May 1 2019 - Jul 31 2019

July 2019: **PEARC19** - facilitated use of Stampede2 for the following workshops:

- Introduction to Docker and Singularity
- Modern tools for supercomputers
- Portable, Reproducible High Performance Computing In the Cloud
- Programming Modern Multicore Processors
- Tools and Best Practices for Distributed Deep Learning with High Performance Computing

July 2019: CVW topic "Publishing Jetstream Virtual Machines" new topic complete

July 2019: A Moodle site was made available by XSEDE for use during the 2019 International HPC Summer School (IHPCSS 2019). This was the third year the workshop used the Moodle for communicating with students, providing workshop and presentation slides, and a providing a repository for posters presented by the summer school students. Each student who contributed a poster to the repository was awarded the IHPCSS 2019 Participant badge. The URL for the workshop site is [https://www.hpc-training.org/xsede/moodle/course/view.php?id=26](https://www.hpc-training.org/xsede/moodle/course/view.php?id=26). To view the site, login by clicking the ‘Login as Guest’ or ‘XSEDE’ button.

June 2019: **XSEDE HPC Workshop : Summer Boot Camp**

July 2019: XSEDE Webinar on "Writing a Successful XSEDE Allocation Proposal", Ken Hackworth

June 2019: XSEDE Webinar on "Writing a Successful XSEDE Allocation Proposal", Ken Hackworth
June 2019: XSEDE Webinar on "Introduction to Scientific Visualization With VisIt", Amit Chourasia


May 2019: **XSEDE HPC Workshop : MPI**

May 2019: XSEDE Webinar on "BOINC@TACC", Ritu Arora

May 2019: Online course "Developing Effective Training Webinars" released on XSEDE Moodle. Learners who complete a pre- and post-assessment, view the course content, and complete the four quizzes will receive the 'Training Webinar Designer' badge. Four badges were issued during the field test conducted in April.

May 2019: XSEDE Webinar on "Distributed Parallel Computing With Python On Comet", Andrea Zonca

May 2019 - July 2019: Badges Awarded

<table>
<thead>
<tr>
<th>Badges Awarded May – Jul 2019</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Visualization Beginner Badge</td>
<td>1</td>
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<tr>
<td>Training Webinar Designer Badge</td>
<td>4</td>
</tr>
<tr>
<td>International HPC Summer School 2019 Participant Badge</td>
<td>81</td>
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<tr>
<td>XSEDE HPC OpenMP Beginner Badge</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td>89</td>
</tr>
</tbody>
</table>

**IPR8: Feb 1 2019 - Apr 31 2019**

Feb 2019 - Apr 2019: Badges Awarded

<table>
<thead>
<tr>
<th>Badges Awarded Feb - Apr 2019</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>XSEDE HPC OpenMP Beginner Badge</td>
<td>3</td>
</tr>
<tr>
<td>XSEDE HPC Big Data Beginner Badge</td>
<td>4</td>
</tr>
<tr>
<td>Data Visualization Beginner Badge</td>
<td>1</td>
</tr>
<tr>
<td>XSEDE OpenACC - Beginner</td>
<td>12</td>
</tr>
<tr>
<td>XSEDE OpenACC - Advanced</td>
<td>1</td>
</tr>
</tbody>
</table>

Apr 2019: Online course "Developing Effective Training Webinars" released on XSEDE Moodle (currently being field-tested, not yet generally available)

Apr 2019: XSEDE Webinar on "GPU Computing and Programming", Andreas Goetz

Apr 2019: XSEDE Monthly Workshop: Big Data


Mar 2019: CVW topic "MPI" updated


Mar 2019: Roadmap on Scientific Workflows published. (need to update the content of a node when available)

Mar 2019: CVW topic "Introduction to Wrangler" new topic complete

Feb 2019: XSEDE Monthly Workshop: Big Data

Feb 2019: XSEDE Webinar on "An Introduction to Singularity: Containers for High-Performance Computing", Marty Kandes

Feb 2019: PEARC19 Submission: Half-day Tutorial: Advanced MPI, Victor Eijkhout

Feb 2019: PEARC19 Submission: Technical Paper: Using a Student-focused Teaching Approach to Improve the Effectiveness of Webinar Training Events, Sandie Kappes

Feb 2019: PEARC19 Submission: Technical Paper: Learning from Ten Years of Online Training Data, Susan Mehringer

Feb 2019: CVW topic "Code Optimization" updated

**IPR8: Nov 1 2018 - Jan 31 2019**

Jan 2019: Roadmap on Scientific Workflows: external reviews done, need minor updates.
Jan 2019: XSEDE Monthly Workshop: OpenMP
Dec 2018: XSEDE Monthly Workshop: Big Data
Dec 2018: workshop "C++ for C programmers" video edited, now on YouTube and XUP course catalog
Dec 2018: CVW topic "Case Study: Profiling and Optimization on Advanced Cluster Architectures" updated
Nov 2018: XSEDE Monthly Workshop: GPU Programming using OpenACC

IPR7: Aug 1 2018 - Oct 31 2018
Oct 2018: XSEDE Monthly Workshop: MPI
Oct 2018: MPI Beginner badge revised.
Oct 2018: workshop "C++ for C programmers" taught, videos under preparation
Oct 2018: CVW topic "Advanced Globus Data Transfer" new topic complete
Oct 2018: Code of Conduct slide created for training events, added to the wiki file repository, noted in "Inside XSEDE" 10/25/18
Sept 2018: XSEDE Monthly Workshop: Big Data
Sept 2018: CVW topic "An Introduction to Python" major update complete
Aug 2018: XSEDE Monthly Workshop: OpenMP
Aug 2018: RMACC Symposium: Big Data
Aug 2018: CVW topic "Python for High Performance" major update complete

PEARC18 Participation:
- Cazes/Eijkhout/Milfield: Tutorial: Advanced Manycore Programming
- Kappes/Sale: BoF: Badges, Are They Appropriate? Are They Working? How Do We Make Them Better?
- Belkin/Cahill/Houchins/Lathrop/Mehringer/Mullen/Sukhija/Weeden: BoF: Raising the Bar for High Quality HPC Learning Repositories
- Choi/Majumdar/Shantharam/Tatineni: Technical Paper: Understanding I/O bottlenecks and tuning for high performance I/O on large HPC systems: A case study
- Mehringer: Panel Moderator: Workshop on Strategies for Enhancing HPC Education and Training
- Mehringer: Student Posters: Judge/Reviewer
- Mehringer: Student mentor

July 2018: Roadmap on Allocations complete (external review done)
June 2018: XSEDE Monthly Workshop: Summer Boot Camp
June 2018: Posted Single Slide Repository info to XSEDE all staff
June 2018: CVW module (new topic, complete): Parallel I/O Libraries - 2 (Manu)
May 2018: XSEDE Monthly Workshop: Big Data
May 2018: Big Data Beginner Badges Awarded (12), Big Data Intermediate Badges Awarded (3), PEARC 2018 BoF on "Badges" accepted
May 2018: CVW topic "Introduction to R" updates complete
May 2018: CVW topic "Vectorization" major update complete

Feb 1 2018 - Apr 31 2018
April 2018: XSEDE Monthly Workshop: MPI
April 2018: CVW module (under external review): Parallel I/O Libraries - 2
April 2018: Technical paper on I/O, "Understanding I/O bottlenecks and tuning for high performance I/O on large HPC systems: A case study" accepted for publication at PEARC18

April 2018: Tutorial on "Hyperglyps: Exploring the Limits of Glyph Structure to Improve Visual Analytics Methodologies" accepted for publication at PEARC18

April 2018: Technical presentation: "Creating effective online training videos from live training event recordings" accepted for PEARC18 (Mehringer, Maiden, Rivera)

April 2018: Presented "XSEDE Training: Courses and Materials", SIGHPC Education Chapter Webinar (Mehringer)

April 2018: Monthly Workshop OpenACC lectures now posted on this YouTube playlist.

April 2018: Procedure for New User quarterly webinar confirmed and posted on this page.

April 2018: SIGHPC Education Blog "HPC Badges: XSEDE Enters the Microcertification Arena"

April 2018: XSEDE OpenMP Beginner and Intermediate Badges (under external review)

April 2018: XSEDE Big Data Beginner Badges awarded (3)

April 2018: Updated materials for May Big Data workshop

March 2018: XSEDE Monthly Workshop: GPU Programming using OpenACC

March 2018: Updated materials for April MPI workshop

March 2018: Presented XSEDE Overview, at the MBDH Initiative for Inclusion in Big Data and Data Science Meeting (Mehringer)

February 2018: Updated materials for March OpenACC workshop

February 2018: XSEDE Workshop, Introduction to Comet, February 15, 2018 - 100 registered attendees, 32 unique logins

February 2018: XSEDE Monthly Workshop Big Data, February 7-8, 2018 - 495 registered attendees, 311 unique logins

IPR5: Nov 1, 2017 - Jan 31, 2018

Jan 2018: XSEDE Monthly Workshop: OpenMP

Jan 2018: Updated materials for February Big Data workshop

Jan 2018: CVW module (New): Introduction to Jetstream

Jan 2018: CVW module (New): Case Study: Profiling and Optimization on KNL Clusters

Jan 2018: CVW module (New): How to Create a Science Gateway Application

Jan 2018: Five Big Data Beginner Badges awarded following the Dec workshop.

Dec 2017: The Impact of XSEDE Training article in Impact by XSEDE - December 2017

Dec 2017: XSEDE Monthly Workshop: Big Data: 24 sites

Nov 2017: Seven OpenACC Beginner Badges issued following the Nov workshop.


Nov 2017: Retrospective Pre/Postest questions to assess learning outcomes added to PSC workshop user satisfaction survey.

Nov 2017: CI-Tutor tutorial (Updated): Using the Lustre File System

Nov 2017: CVW module (New): Getting Started on KNL

Nov 2017: CVW module (New): ParaView - Advanced

IPR4: Aug 1, 2017 - Oct 31, 2017

Oct 2017: XSEDE Monthly Workshop: MPI


Oct 2017: CVW module: Getting Started on KNL first draft completed, external review completed, currently implementing feedback.

Oct 2017: CVW module (Draft):

Oct 2017: Second round of material reviews begun

Oct 2017: First draft of CVW Gateway Administrator Tutorial completed and ready for review.
Oct 2017: Data Visualization Beginner and Intermediate Badges completed.


Sept 2017: We've just completed first rounds of training reviews that reflect new process and form. Completed a review of the process itself: is the form and the process meeting our needs?

Sept 2017: CI-Tutor - XSEDE Cybersecurity tutorial updated and sent for review by Cybersecurity team (Jim Marsteller).

Sept 2017: XSEDE Monthly Workshop: Big Data workshop: 23 sites, 455 registrants. We had hurricane issues at a couple of sites but were able to pivot those users to WebEx only (one user connected from a Chick-Fil-A in Atlanta)

Sept 2017: CVW module (Major update) ParaView

Aug 2017: XSEDE Monthly Workshop: OpenMP

Aug 2017: CI-Tutor - Using the XUP tutorial draft completed and sent to Maytal Dahan for review.

Aug 2017: Data for all 5 training area metrics is now being entered quarterly into the database, and queries are run for the 5 reported numbers.

IPR3: May 12017 - Jul 31 2017

July 2017: Implemented a course in the XSEDE Moodle (www.hpc-training.org) to support the week-long International HPC Summer School. Awarded the 'XSEDE Resource Job Submission' badge to 59 workshop participants.

July 2017: CVW module (New): Parallel I/O Libraries - 1

June 2017: XSEDE Monthly Workshop: Summer Boot Camp

Jun 2017: Tng team conducted telephone follow-ups with XSEDE users who participated in recent micro-survey.

Jun 2017: Requested change to omit sensitive information from registrant lists. Implemented by UII.

Jun 2017: CVW module (Updated) MPI Basics

May 2017: XSEDE Monthly Workshop: Big Data

Apr 2017: XSEDE Monthly Workshop: MPI

Apr 2017: XSEDE login capability added to the XSEDE Moodle badge site - moodle.hpc-training.org

Apr 2017: Monthly workshop series successfully implemented and tested new MCNC gear, and are now officially accepting up to 20 remote satellite sites to the monthly series events.


Mar 2017: CVW module (New): Getting Started with Comet

Mar 2017: CVW module (New): Jetstream Allocations

Feb 2017: XSEDE Monthly Workshop: Big Data

Feb 2017 <<>> : Implemented new review process for training resources, including both XSEDE-related and external resources

Feb 2017: New Staff Guide v1 completed

Feb 2017: CVW module (Updated): OpenMP

IPR2: Nov 1 2016 - Jan 30 2017

IPR1: Sep 1 2016 - Oct 31 2016