

2016 Events

Title	Type	Date	Location	CyVerse Contact	Institution Contact	Notes
Society for Integrative and Comparative Biology (SICB)	Conference	Jan 3-7	Portland, OR	Blake Joyce	Don Mykles, Karen Burnett, David Durica, Jonathon Stillman, Carl Schmidt, Fiona McCarthy	Hosted a lunch community assessment session, a booth for determining community interests, published a peer-reviewed white paper , and a Journal of Visualized Experiments peer-reviewed publication.
XXIV International Plant and Animal Genome Meeting	Conference	Jan 9-13	San Diego, CA	Jason W.	N/A	We will have several workshops, sessions, and a booth. Agenda for PAG
Phenology Ontology Workshop	Workshop	Jan 12-17	Ft. Collins, CO	R. Walls	Jill Baron	Workshop to build an initial draft of the Plant Phenology Ontology, funded by NEON and hosted by the USGS Powell Center.
iSampLES RCN annual meeting	Workshop	Jan 25-27	RenCI, Chapel Hill, NC	R. Walls	Kerstin Lehnert, Chris Lenhardt	Annual meeting of the Internet of Samples for Earth Science Research Coordination Network
Software Carpentry Workshop: Programming in R	Workshop	Jan 23-24	Tucson, AZ	Uwe Hilgert	Uwe	Curriculum: Intermediate R 58 applicants, 45 participants BIO 27%, MIS 20%, MED 11%, MATH 11%, ENV 7%, SSBS 5%, ENGR 4%, Space Sciences 4%, IT 4%, Library 4% Graduate Students 60%, Postdocs 19%, Faculty 7%, Ugraduates 7%, Staff 5%
Software Carpentry Workshop: Programming in Python	Workshop	Jan 30-31	Tucson, AZ	Uwe Hilgert	Uwe	Curriculum: Intermediate Python 67 applicants, 47 participants MIS 36%, BIO 27%, MED 13%, ENGR 8%, MATH 6%, ENV 5% Graduate Students 64%, Postdocs 18%, Ugraduates 6%, Staff 6%, Faculty 6%
Focus Forum Webinar: Digital Imaging of Root Traits (DIRT)	Webinar	Jan 29	online	Martha	Alex Bucksch, Georgia Tech U	registration , materials 79 registrants, 34 participants
Data Carpentry Workshop on NGS Data	Workshop	Jan 19-20	Stony Brook, NY	Jason W.	Joshua Rest	Data Carpentry workshop on iPlant/DC developed NGS lessons
Genomics in Education - The University of Delaware	Workshop	Feb 1-2	Newark, DE	Jason W.	Alenka Hlousek-Radojicic	Standard Genomics in Education Workshop
Tools and Services Workshop - The University of Delaware	Workshop	Feb 3-4	Newark, DE	Jason W.	Alenka Hlousek-Radojicic	Standard Tools and Services Workshop
Getting Started with iPlant	Webinar	Feb 10	Online	Jason W.		Monthly webinar for new account holders
PHOIBOS2 Identifier Workshop	Workshop	Feb 17-19	Oracle, AZ	R. Walls, M. Esteva		NSF funded workshop and hackathon on identifier technologies

MidSouth Computational Biology and Bioinformatics (MCBIOS)	Workshop	Mar 3-5	Memphis, TN	Jason W.	Bindu Nandri	We will do a half-day workshop at this event
Get started with CyVerse	Webinar	Mar 9	Online	Jason Williams		Monthly webinar for new account holders
Tools and Services Workshop - The Ohio State University	Workshop	Mar 17-18	Wooster, OH	Jason W.	Asela Wijeratne	Standard Tools and Services Workshop
Tools and Services Workshop - Plant Reproduction 2016 Conference	Workshop	Mar 18	Tucson, AZ	Eric Lyons	Ravi Palanivelu	Three hour workshop: Intro to CyVerse; Hands-on with Data Store, DE, Atmo; Genome management and analysis with CoGe
Education and Outreach Webinar Series: iPlant's DNA Subway	Webinar	Mar 23	Online	Jason Williams	Molly Phillips	Jason will present on CyVerse EOT and DNA Subway as part of this iDigBio Webinar series
Using Docker to bring tools into the Discovery Environment	Webinar	Mar 25	Online	Martha Narro	Roger Barthelson, Upendra Devisetty	registration , materials 30 registrants, 12 participants
Software Carpentry Workshop	Workshop	Mar 28-Apr 1	Tucson, AZ	Uwe Hilgert	Uwe Hilgert	Sequence of five 1/2-day workshops. >Registration >Material >Eherpad Curriculum: Shell, git/GitHub, R, Atmosphere 48 applicants, 39 participants Applicant breakdown: BIO 29%, MED 25%, Optical Sciences 19%, Space Sciences 6%, Math 6%, Linguistics 6%, Chemistry 4% Graduate Students 47%, Ugraduates 8%, Postdocs 19%, Staff 13%, Faculty 11%
Genomics in Education Workshop - Southern Illinois University -Carbondale	Workshop	Mar 29-30	Carbondale, IL	Jason W.	Jane Geisler-Lee	Standard Genomics in Education Workshop
Tools and Services Workshop - Southern Illinois University -Carbondale	Workshop	Mar 31-Apr 1	Carbondale, IL	Jason W.	Jane Geisler-Lee	Standard Tools and Services Workshop
Missouri Informatics Day	Conference	April 4-5	Columbia, Missouri	Nirav M.	Trupti Joshi	Presentation
CyVerse Training Day	Workshop	Apr 11th	Melbourne, AU	Jason W.	Vicky Schneider	Jason will be hosted by EMBL Australia Bioinformatics Director for collaborations and a one-day workshop.

Nectar Research Software Infrastructure Workshop	Workshop	Apr12th	Melbourne, AU	Jason. W	Vicky Schneider/Michelle Barker	Jason will present CyVerse as a type of US 'Virtual Laboratory', presenting an overview of the project as well as the development of Atmosphere
Get Started with CyVerse	Webinar	April 20	Online	J. Williams		Monthly webinar for new account holders
Focus Forum Webinar: Collaborating with Image Data in Bisque	Webinar	April 22	Online	Martha Narro	Kris Kvilekval, Dmitry Fedorov, Ramona Walls	materials 28 registrants, 17 participants
NSF AVATOL PIs meeting	Workshop	April 26-27	Arlington, VA	R. Walls, N. Merchant	Joe Miller	NSF hosted meeting for all PIs of the three AVATOL projects to discuss sustainability. RW participated as PI, NM as sustainability expert. (~40 participants)
OBI-ECO evidence meeting	Workshop	May 11-12	Baltimore, MD	R. Walls	Marcus Chibucos	Joint meeting of the Evidence Ontology (ECO) and Ontology for Biomedical Investigations (OBI) to discuss modeling evidence. RW is on ECO advisory board.
Big Genomic Data Skills Training for Professors	Workshop	May 24	Farmington, CT	J. Williams	Jeff Chuang	Jason will give a one-day presentation on analyzing genomics data using CyVerse resources
External Scripting for Bisque Workflows	Webinar	May 25	Online	M. Narro	Kris Kvilekval, Dmitry Fedorov	materials 17 registrants + 3 staff, 10 community participants
Data Carpentry Workshop	Workshop	May 26-27	Bethesda, MD	J. Williams	Michelle Dunn	Jason will co-teach a Data Carpentry on the CyVerse co-developed genomics data lessons at NIH
Tools and Services Workshop	Workshop	May 30-31	Irapuato, MX	J. Williams	Rubén Alvarez	J. Fonner and J. Williams will lead a Tools and Services workshop at LangeBio/CINVISTAV
Data Carpentry Workshop	Workshop	Jun 1-2	Irapuato, MX	J. Williams	Rubén Alvarez	J. Fonner and J. Williams will lead a Data Carpentry on the CyVerse co-developed genomics data lessons
RNA-Seq for the Next Generation Virtual Workshop	Workshop	Jun 6-17	Online	J. Williams		J. Lee and J. Williams will co-teach a virtual workshop on RNA-Seq and DNA Subway with other DNALC instructors.
Software Carpentry	Workshop	Jun 11-12	Tucson, AZ	U. Hilgert		2-day workshop preceding the NIH IRACDA Conference Curriculum: Shell, git/GitHub, Python 68 applicants; 43 participants Applicant breakdown BIO 29%, MED 19%, Space Sciences 14%, Math 12%, Optical Sciences 10%, ENGR 6%, Environmental Sciences 5% Graduate Students 33%, Ugraduates 30%, Postdocs 20%, Staff 11%, Faculty 5%
IRACDA 2016 Conference	Conference	Jun 12-14	Tucson, AZ	U. Hilgert		Presentation: Uwe Hilgert
5th International Conference on Quantitative Genetics	Conference	Jun 12-17	Madison, WI	A. Stapleton	Natalia de Leon	UNCW CyVerse student Danielle Chaung will present a poster on VALIDATE. Ann will hand out information about CyVerse.

2016 National Academies Special Topics Summer Institute on Quantitative Biology	Workshop	Jun 19-24	Raleigh, NC	J. Williams		Workshop: Cyberinfrastructure in the Classroom - Using Computation Resources to Make Teaching 'High Performance'
BioQUEST Summer Institute	Workshop	Jun 20-21	Raleigh, NC	J. Williams	Kristin Jenkins	Jason will give a presentation on DNA Subway and Atmosphere for education and also give a demo Data Carpentry lesson
Getting Started with CyVerse	Webinar	Jun 22	Online	J. Williams		Monthly webinar for new account holders
Plant Biology 2016	Conference	Jul 7-13	Austin, TX	Jason W.		CyVerse will host a booth and poster
Bioinformatics Open Source Conference (BOSC) 2016	Conference	Jul 8-9	Orlando, FL	J. Fonner		
ISMB	Conference	Jul 8-12	Orlando, FL	J. Fonner, M. Vaughn, N. Merchant		Nirav Merchant and Matt Vaughn presented at the AKES workshop on Education in Bioinformatics (How to Scale Science and People Using the Cloud), and participated in a panel discussion.
Genetics Society of America GSA 2016	Conference	Jul 13-17	Orlando, FL	J. Lee		CyVerse will host a booth and a 2-hour workshop session
Epigenetics: bisulfite sequence analysis and adenosine to inosine modifications (part 1)	Webinar	Jul 22	Online	M. Narro	Jawon, Roger, Zhenyuan	materials Registrants: 22, Participants: 10
International Society for Animal Genetics	Conference	Jul 23-27	Salt Lake City, UT	J. Koltes		CyVerse User James Koltes represented CyVerse and presented a poster: (Bioinformatics resources for animal genomics using CyVerse cyberinfrastructure) and also featured CyVerse in his oral presentation on EpiDB.
Epigenetics: Bisulfite sequence analysis (part 2), plus results visualization	Webinar	Jul 29	Online	M. Narro	Blake Joyce	materials Registrants: 13, Participants: 2
International Conference on Biological Ontology & BioCreative	Conference	Aug 1-4	Corvallis, OR	R. Walls, Weijia Xu	Pankaj Jaiswal	Walls presented several ontology talks in ICBO. Xu presented a paper on text mining for ontology annotation in BioCreative. Meeting report .

NIBLSE Kickoff Meeting	Conference	Aug 4-5	Omaha, NE	J. Williams		NIBLSE - an NSF-funded RCN works to integrate Bioinformatics into Life Science Education. Jason is a member of a project working group and presented on how CyVerse faculty training can inform efforts to improve faculty development. Several CyVerse exemplar education users (Jim Burnette, UC Riverside; Carlos Goller, NC State - also presented on their use of CyVerse in the classroom).
Get Started with CyVerse	Webinar	Aug 9	Online	J. Williams		Monthly webinar for new account holders
North American Plant Phenotyping Network (NAPPN) Inaugural Convening Event	Conference	Aug 29-31	West Lafayette, IN	R. Walls	April Agee/Carolyn Lawrence-Dill	Meeting report
Evolinc: Identification and Evolutionary Analysis of Long non-coding RNA	Webinar	Sep 9	Online	M. Narro	Andrew Nelson, Upendra Devisetty	Materials Registrants: 24 Attendees: 5
Get Started with CyVerse	Webinar	Sep 14	Online	J. Williams		Monthly webinar for new account holders
SolGenomics Workshop	Webinar	Sep 15	Online (Davis, CA)	J. Williams	Allen Van Deynze	Jason presented a one hour webinar and tutorial set during the conference's concurrent demo track.
BloSNTR Imaging Informatics Symposium	Symposium	Sep 16	Sioux Falls, SD	M. Narro	Carol Lushbough	Virtual presentation and demos - Overview: Bisque Image Analysis Environment. slides ; videos are on the Tutorials List page (search for Bisque). Attendees: 80
Advanced Maui Optical and Space Surveillance Technologies (AMOS) Conference	Conference	Sep 20-23	Maui, HI	R. Walls		Walls will present a paper on the developing Space Object Decision Support System, using CyVerse infrastructure. Meeting report
South African Genetics Society/South African Bioinformatics Society - Joint Conference	Conference	Sep 22-23	Durban, ZA	J. Williams	Robyn Jacob	Jason is being hosted by the South African Sugarcane Research Institute to present on CyVerse to the South African Bioinformatics Congress.
Data Carpentry and CyVerse mini-workshop	Workshop	Sep 26-29	Potchefstroom, ZA	J. Williams	Anelda van der Walt	Jason is being hosted by North-West University to instruct the Genomics Data Carpentry Lessons Co-developed by CyVerse as well as mini-workshops on CyVerse platforms.
USDA NIFA Big Data in Agriculture	Symposium	Oct 10	Chicago, IL	Blake Joyce		Stakeholders meeting for the future of Big Data in Agriculture
SACNAS Pre-conference session	Workshop	Oct 12	Long Beach, CA	Joslynn Lee	Rolando Madrid, SACNAS Director of Programs	Joslynn will lead a one-day workshop with Software / Data Carpentry lessons and a presentation on CyVerse Infrastructure.

Syngenta Comparative Genomics	Symposium	Oct 11-14	Raleigh, NC	Blake Joyce	Josh Cohn	Meeting at the Research Triangle with multiple Syngenta sites. Discussion of comparative genomics and applications for crop agriculture. Slides
Field-Based High Throughput Phenotyping	Workshop	Oct 17-20	Maricopa, AZ	Tyson Swetnam Blake Joyce	Jeffery White	
Cereal Genomics Workshop	Workshop	Oct 18-25	Cold Spring Harbor, NY	J. Williams		Workshop on Cereal Genomics, will use CyVerse Atmosphere and DE for informatics
5 th International Conference on Biometrics & Biostatistics	Conference	Oct 20 - 21	Houston, TX	Uendra Devisetty		Uendra is an invited speaker for the Bioinformatics session of the conference. He is also doing the workshop in the same conference. The presentation and workshop will be focused on "Bringing tools into CyVerse DE". (20)
Microbial FuturePhy Workshop	Workshop	Oct 21-23	Chicago, IL	Ramona Walls	Carrine Blank	Workshop sponsored by https://futurephy.org/ on how to share, analyze, and reuse microbial phylogenetic data. They are looking for a place to publish matrices, and the Data Commons may serve that need. Also looking to integrate analysis tools. Ramona presented a CyVerse overview and a short talk on how to use ontologies to describe microbial environments . # participants: ~15
Bio-medical Data Science	Hackathon	Oct 24-26	Cold Spring Harbor, NY	Uendra Devisetty		Uendra has been accepted to attend the Biological Data Science Hackathon at CSHL. He will be working on the following workflows <ul style="list-style-type: none"> Local Assembly for Structural Variant Analysis Building Population and Individual Scale Graph Genomes! Ultrafast Genomic Mapping from Public Datasets; speeding up whole chromosome, transcriptome, or gene specific mapping with most aligners.
Biological Data Science	Conference	Oct 26-29	Cold Spring Harbor, NY	J. Williams, U. Devisetty		This meeting was co-developed by iPlant/CyVerse, and abstracts submissions are in progress from DNALC; additional CyVerse-related abstracts are welcome. Uendra is giving a poster on "Evolinc—A computational pipeline for comparative genomic and transcriptomic analyses of long non-coding RNAs from large RNA-Seq datasets"
Software/Data Carpentry Workshop	Workshop	Nov. 5-6	University of Arizona	Uwe Hilgert	Uwe Hilgert	Curriculum: Shell, git/GitHub, R 91 applicants; 46 participants Applicant breakdown BIO 30%, MIS 26%, MED 16%, ENGR 6%, GEO 5%, CHEM & Linguistics 4% each Graduate Students 60%, Staff 10%, Ugraduates 10%, Postdocs 9%, Faculty 10%
PIDapoolooza	Conference	Nov. 9-10	Reykjavik, Iceland	R. Walls		
PLOTCON	Conference	Nov 15-18	New York City, NY	Blake Joyce		Report Blake will give a presentation entitled "Always Evolving: a tale of genomic visualization" (200)
TDWG2016 (Biodiversity Information Standards)	Conference + Hackathon	Dec. 5-10	La Fortuna, Costa Rica	R. Walls		

Ramping up compute through CyVerse + R	Workshop	Dec. 8th	University of Arizona Ecology and Evolutionary Biology Department	Blake Joyce	Elizabeth Miller	<p>Report</p> <p>Blake will give a presentation to the EEB department (40% grads, 40% postdocs, 20% staff/visiting scholars). Additionally, discussions about interactive visualization and scaled compute community needs will be held.</p>
EMBL-ABR workshop on Open Source and Software Development Best Practice	Workshop	Dec. 8th	Melbourne, Australia	J. Williams		Jason co-presented workshop with ELIXIR CTO Rafael Jimenez on Software Development best Practice in Bioinformatics, including resources available through CyVerse (12)
EMBL-ABR Open and Scalable Training workshop	Workshop	Dec. 9th	Melbourne, Australia	J. Williams		Jason co-presented on training best practices with EMBL-ABR Dept. Director Vicky Schneider, ELIXIR CTO Rafael Jimenez in training for bioinformatics (10)
Get Started with CyVerse	Webinar	Dec 21	Online	J. Williams		Monthly webinar for new account holders (2)

SI Team professional development