



# Virtual Residency Intermediate Workshop: Recap of Introductory Workshops

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**Virtual Residency Intermediate Workshop 2018, Sunday August 5 2018**





# Introductory Workshop Theme #1

1. How to Understand and Work with Real Researchers
  1. Introduction to Research Cyberinfrastructure Consulting
  2. How to Give a CI Tour, and Why
  3. Effective Communication: How to Talk to Researchers about Their Research
  4. Real Users and Their Computational Research
  5. How to Do an Intake Interview
  6. Real users: CI Facilitation Practicum (“speed dating”)
  7. Faculty: Tenure, Promotion, Reward System
  8. CI User Support
  9. Stories from the Trenches

<http://www.oscer.ou.edu/acirefvirtres2018/> [virtualresidency2018@gmail.com](mailto:virtualresidency2018@gmail.com)



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# Introductory Workshop Theme #1

1. How to Understand and Work with Real Researchers (cont'd)
  10. Exploring the Faculty Entrepreneurial Mindset [2016]
  11. Ongoing Assistance of Researchers [2016]
  12. Creating and Evaluating Training Workshops [2016]
  13. Creating Effective CI Documentation and Other Learning Materials [2016]
  14. Research Data Management [2016]
  15. Engaging Undergraduates in HPC [2017]
  16. CyberAmbassadors: Advanced Communication Skills Training for CI Professionals [2017]
  17. Collecting and Processing Metrics for Evaluating Facilitation [2017]

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# Introductory Workshop Theme #2

## 2. Technical Content

- Deploying Community Codes
- Debugging, Benchmarking & Tuning
- Using Videoconferencing and Collaboration Technologies for Consulting [2015]
- How to Design a Cluster [2016-17]
- Managing Research Data with Globus Software-as-a Service [2017]
- Experiences with Purchasing, Facilities etc [2017]
- Research Networking
  - Introduction to OpenFlow and Why It Matters [2015-16]
  - Exploring Open Daylight [2015-16]
  - The Software in Software Defined Networking [2015-16]
  - Research Networking: A High Level Overview [2017]

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# Introductory Workshop Themes #3-4

## 3. Proposal Writing

- Grant Proposal Basics
- The Shifting Landscape of CI Funding Opportunities
- So You Want to Write a CI Proposal

## 4. The Cyberinfrastructure Milieu

- Finding and Provisioning Remote Resources (XSEDE, OSG) [2015]
- The CI Milieu [2016-17]
- Working Effectively with Vendors [2017]
- Science Gateways Community Institute: Subsidized Services and Consultancy to Facilitate Research on Your Campus [2017]
- Bringing Software/Data Carpentry to Your Institution [2017]

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# Thanks for your attention!



## Questions?

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