

# Adrian Ogletree

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## EDUCATION

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### University of North Carolina at Chapel Hill

August 2014

*Master of Science in Information Science*

#### Master's Paper:

Metadata Workflows Across Research Domains: Supporting the DFC Cyberinfrastructure

### The University of Texas at Austin

May 2012

*Bachelor of Arts in English with a Minor in Mathematics*

#### Senior Honor's Thesis:

Ethnography and Early Modern Science Fiction in Godwin's *The Man in the Moone* (1638)

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## WORK EXPERIENCE

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### Drexel University, Metadata Research Center

Philadelphia, PA

*Research Project Manager*

September 2014 - present

- ❖ Prepare NSF proposals in accordance with sponsor deadlines, including collaborating on the project summary and narrative, budget preparation, and proposal coordination and formatting
- ❖ Maintain the MRC web presence (website, Twitter, listservs) and recommend improvements, such as migrating the website content from WordPress to Umbraco, an open source CMS
- ❖ Evaluate and publish an updated version (3.2) of Dryad's metadata application profile
- ❖ Lead semantic ontology development for materials science via HIVE
- ❖ Administer user testing sessions for the Digging into Metadata research project
- ❖ Interview, hire, and supervise three MRC graduate research assistants
- ❖ Schedule biweekly research meetings, set the agenda, and take notes in shared documents
- ❖ Coordinate official MRC events, involving designing logos, advertising, reserving rooms, ordering catering, and organizing guest speakers
- ❖ Perform miscellaneous administrative tasks as needed, such as ordering supplies and software

### UNC - Chapel Hill, Metadata Research Center

Chapel Hill, NC

*Project Manager*

March 2014 - August 2014

- ❖ Managed project resources, scope, and schedule and monitored research project deadlines
- ❖ Analyzed means of quantifying the cost and value of metadata over time across two contexts: (1) laboratory workflows in the National Institute of Environmental Health Sciences (NIEHS) and (2) self-generated health information with Research Triangle Institute (RTI) researchers
- ❖ Organized project resources, templates, and references in a shared online folder
- ❖ Scheduled research meetings, set meeting agendas, and took shared notes
- ❖ Supervised one undergraduate student research assistant

### Duke University, Digital Scholarship Services

Durham, NC

*Digital Humanities Technical Assistant*

January 2014 - May 2014

- ❖ Provided individual consultations with humanities researchers on data management practices
- ❖ Inventoried and tracked digital assets, including technical and descriptive metadata and copyright statuses, for the BorderWork(s) Lab at the Franklin Humanities Institute
- ❖ Offered recommendations for implementing curation workflows for managing research data and for preserving and accessing data files in the short-term and long-term
- ❖ Collaborated with librarians on integrating innovative pedagogy into the digital humanities curriculum, increasing student involvement, and developing strategies for teaching curation

## **Dryad Digital Repository**

*Assistant Curator*

Chapel Hill, NC  
May 2013 – March 2014

- ❖ Curated data submissions for an open access scientific research data repository by reviewing metadata representing data deposits and ensuring that data files were CC0-compliant
- ❖ Facilitated content discoverability by utilizing controlled vocabularies and the Dublin Core and Darwin Core metadata schemas
- ❖ Researched digital preservation standards, preferred and common file formats used in the life sciences, digital curation tools, and best practices for data citation
- ❖ Documented and updated project workflows and curation practices on the Dryad wiki
- ❖ Collaborated with the UX Designer in designing mockups to improve Dryad's user interface
- ❖ Communicated with journal publishers, editors, and authors regarding data submissions

## **UNC – Chapel Hill, Kenan Science Library**

*Graduate Research Assistant*

Chapel Hill, NC  
September 2013 – December 2013

- ❖ Managed science subject LibGuides, including the Research Data Toolkit, in order to connect researchers with information about available data management planning tools and services
- ❖ Provided reference services to students and faculty in the mathematics and science departments
- ❖ Researched 3D printing and maker space policies at other institutions and offered recommendations for the future implementation strategies of the library's 3D printer

## **Carolina Digital Libraries and Archives**

*Data Processing Assistant*

Chapel Hill, NC  
January 2013 – March 2013

- ❖ Participated in a short-term project to digitize the MESDA (Museum of Early Southern Decorative Arts) Craftsman Database

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## **VOLUNTEER EXPERIENCE**

### **Girl Develop It**

*Social Events Volunteer*

Philadelphia, PA  
January 2015 – present

- ❖ Sign people in, answer questions, collect cash for RSVPs, and help with setup/cleanup

### **Chapel Hill Public Library, Community Workshop Series**

*Volunteer Instructor/Floater*

Chapel Hill, NC  
June 2012 – August 2014

- ❖ Team taught workshops at local public libraries on topics ranging from the Microsoft Office suite and e-mail management to resume writing and evaluating online health information

### **UNC – Chapel Hill, Ullman Classics Library and Archive**

*Collections Intern*

Chapel Hill, NC  
September 2012 – May 2013

- ❖ Cataloged donated materials using Library of Congress call numbers
- ❖ Implemented a barcode checkout system to function with the library's private database

### **UNC Student Chapter of the Society of American Archivists**

*Webmaster*

Chapel Hill, NC  
January 2013 – December 2013

- ❖ Maintained the SCOSAA listserv, Facebook group, website, blog, and Twitter account
- ❖ Organized networking events, brown-bag discussions, and tours of local archives

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## **PROFESSIONAL ACTIVITIES**

### **Publications**

Zhang, Y., Ogletree, A., Greenberg, J. (forthcoming). Controlled Vocabularies for Scientific Data: Users and Desired Functionalities. In 2015 Annual Meeting of The Association for Information Science & Technology. St. Louis, MO, November 6-10, 2015.

- Zhang, Y., Greenberg, J., **Ogletree, A.**, & Tucker, G. (2015). Advancing materials science semantic metadata via HIVE. In *DC-2015: Metadata and Ubiquitous Access to Culture, Science and Digital Humanities: Proceedings of the International Conference on Dublin Core and Metadata Applications*. São Paulo, Brazil, September 1-4, 2015.
- Krause, E. M., Clary, E., **Ogletree, A.**, & Greenberg, J. (2015). Evolution of an application profile: Advancing metadata best practices through the Dryad Data Repository. In *DC-2015: Metadata and Ubiquitous Access to Culture, Science and Digital Humanities: Proceedings of the International Conference on Dublin Core and Metadata Applications*. São Paulo, Brazil, September 1-4, 2015.
- Greenberg, J., Murillo, A. P., **Ogletree, A.**, Boyles, R., Romeo, C., & Martin, N. (2014). Metadata capital: Automating metadata workflows in the NIEHS Viral Vector Core Laboratory. In *MTSR-2014: Proceedings of the 8th Metadata and Semantics Research Conference*. Karlsruhe, Germany, November 27-29, 2014, pp. 1-13. doi:10.1007/978-3-319-13674-5\_1
- Greenberg, J., **Ogletree, A.**, Murillo, A. P., Caruso, T. P., & Huang, H. (2014). Metadata capital: Simulating the predictive value of Self-Generated Health Information (SGHI). In *2014 IEEE International Conference on Big Data*. Washington, DC, October 27-30, 2014, pp. 31-36. doi:10.1109/BigData.2014.7004209
- Ogletree, A.** (2014). Metadata workflows across research domains: Challenges and opportunities for supporting the DFC cyberinfrastructure. In *DC-2014: Metadata Intersections: Bridging the Archipelago of Cultural Memory: Proceedings of the International Conference on Dublin Core and Metadata Applications*. Austin, Texas, October 8-11, 2014, pp. 184-186.

## Professional Service

iConference 2016 Program Committee member and reviewer

Dublin Core 2015 International Program Committee member and reviewer

## Affiliations

Dublin Core Metadata Initiative (DCMI), 2014-present

Research Data Alliance (RDA), 2013-present

Metadata Standards Directory Working Group member

## Conference & Workshop Attendance

- *National Federation of Advanced Information Services (NFAIS) Event: Mastering the Curation, Integrity, and Citation of Quality Research Data: Research Data Publication, Part II* • Philadelphia, PA • April 2015
- *2<sup>nd</sup> National Data Service Consortium Planning Workshop* • Rockville, MD • October 2014
- *DC-2014: International Conference on Dublin Core & Metadata Applications* • Austin, TX • October 2014
- *CurateGear 2014: Enabling the Curation of Digital Collections* • Chapel Hill, NC • January 2014
- *Research Data Alliance Second Plenary Meeting* • Washington, DC • September 2013

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## SKILLS

### General

Microsoft Suite, Adobe Suite, Qualtrics

### Programming

Python

### Databases

Microsoft Access, Oracle, SQL

### Web Development

HTML, CSS, Javascript

### Data Visualization

Tableau

### Digital Collection & Content Management

Omeka, WordPress, Umbraco

### Project Management

Github, Trello

### Graphic Design

Inkscape, GIMP