

Minutes of Faculty Senate Library and Information Technology Committee

Date: February 6, 2017

Location: 605 Hodges Library

Attending: Holly Greene, Chair, Adam Alsamadisi, Brian Ambroziak, Beverly Banks, Teresa Berry, Marianne Breinig, Heather Hartman, Laura Miller, Vandana Singh, Robert Spirko, Sarah Huff Vassallo, Forbes Walker [bold indicates present]

Attending, ex officio: Jean Derco, Bonnie Ownley, Joel Reeves, Steve Smith [bold indicates present]

Guests: Chris Eaker, Libraries

Minutes by: Janet D. Miles, OIT

Agenda	Description	Follow-up
Approval of Minutes	Approvals for previous months were collected by email voting	
Old Business	None	
New Business		
Libraries and Work with Office of Research & Engagement (OR&E)		
Introduction of Chris Eaker by Steve Smith	<ul style="list-style-type: none"> • Has a degree in Civil Engineering from GA Tech; had a career in engineering; then came to UT for a master's degree in Information Science. • Came to UT in 2013 as part of a cohort of new librarians in new areas. Works with data curation; others work in digital humanities, scholarly communications, GIS. • Eaker and his cohort work with their constituents in much the same way as librarians have traditionally worked with academic departments - working with faculty to develop collections and do instruction. • Much of Eaker's work is with faculty to think about data - federal requirements for data preservation and security; grant applications; federal mandates for data. Does a lot of work for the Office of Research and Engagement (OR&E), which is transforming itself to take on many different activities. 	

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Presentation	<ul style="list-style-type: none"> • What he does <ul style="list-style-type: none"> ○ Researcher support - education and advocacy. Advocates for managing data well, educates on how to do so. ○ Assists faculty with federal guidelines and mandates. ○ Libraries have similar goals to OR&E, in wanting data to be well managed. ○ While was earning master's degree, was Data Curation Education in Research Centers (DCERC) scholar. 	
	<ul style="list-style-type: none"> • Some history <ul style="list-style-type: none"> ○ Came to Library in 2013; some data management requirements were already in place. These date back to early 2000s when NIH required data sharing plans; then NSH began requiring data management plans in 2011; then in 2013 White House office mandated plans to make data appropriately available and to manage the data along the way. ○ Recently met with a professor who was submitting a grant to "a very small agency, so shouldn't need a data plan," but it was actually the National Institute of Justice which does require a data management plan. ○ Regardless of agency, grant applications will have some requirements for data management plans. Even foundations now require data management plans. ○ Publishers are also requiring data deposits to back up the findings in the articles. Some journals have teamed up with data repositories such as Dryad (http://www.datadryad.org/). Can be very seamless to upload and archive data. Nice feature offered by Dryad is a visual object identifier which can be linked to the visual object identifier of the journal article. 	
	<ul style="list-style-type: none"> • Why is this a big deal? <ul style="list-style-type: none"> ○ UTK brings in 20M in grant revenues each year. OR&E very investing in making sure researchers comply with the rules and standards. 	
	<ul style="list-style-type: none"> • Why the Libraries? <ul style="list-style-type: none"> ○ Three things: <ul style="list-style-type: none"> ▪ organization of information -- even infants have a propensity for organizing and classifying information ▪ access to information - long standing tradition of this too ▪ preservation of information ○ All these go well with managing, organizing, and preserving data 	

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	<ul style="list-style-type: none"> • What education is available? <ul style="list-style-type: none"> ○ Workshops for faculty and graduate students in conjunction with OR&E <ul style="list-style-type: none"> ▪ Writing Your Data Management Plan (April 18) - faculty don't submit proposals often enough to be up-to-date on requirements; graduate students are new to the field. Usually a two-page document - what kind of data, how it will be described, how it will be archived, and how it will be shared. ▪ Data Management Best Practices (April 25) - managing data day-to-day - file naming and organization, metadata, minimizing collection errors, cleanup, spreadsheets and databases ○ Responsible Conduct of Research Lunch and Learn Sessions <ul style="list-style-type: none"> ▪ Dr. Robert Nobles invited Eaker to speak on managing research data well / being a good steward ▪ Rachel Caldwell spoke on responsible authorship ▪ RCR (http://research.utk.edu/responsible-conduct-of-research/) is a program within the Office of Research Integrity, which falls under the OR&E. ○ OR&E refers faculty to Libraries for assistance; sees these services as complementary to theirs. ○ Online Data Management Planning Tool (https://dmp.cdlib.org/) <ul style="list-style-type: none"> ▪ Walks through steps of creating a data management plan ▪ Can provide UT-specific guidance ▪ Database of requirements for more than 30 granting agencies • Researcher can submit for feedback; Eaker gets a notification and can provide suggestions for improvement; researcher can print out the two-page plan and submit it with grant application. 	
	<ul style="list-style-type: none"> • This is just one small part of researcher services in the Library. Data is a very valuable asset and we need to take care of it. 	
Questions	<ul style="list-style-type: none"> • Do you do one-on-one sessions with faculty? How arranged? Eaker: Yes, just send an email (ceaker@utk.edu). 	
	<ul style="list-style-type: none"> • Do we use Dryad at UT? Eaker: It's publisher-specific. Not sure if they accept data sets not attached to a journal article. We have a data repository at UT which meets requirements. 	
	<ul style="list-style-type: none"> • When I think of data management, I think of sciences, but you mentioned Institute for Justice – what about other humanities, e.g., NEH? Eaker: National Endowment for the Humanities does require digital management plan. Several researchers in humanities have received NSF funding. 	

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	<ul style="list-style-type: none"> Does data management include making sure the data is preserved for a specific time? Eaker: preservation is one part; data management starts before you start collecting. Wording is usually "for a reasonable period of time." At UT, our policy is at least three years. Encourages using open file formats, rather than proprietary ones. 	
	<ul style="list-style-type: none"> Why do you think data management is more of a requirement? Eaker: partly because research is far more digital today than in the past. When you're writing things down on paper, you might be better organized, and paper has a longer lifespan than digital formats. Too easy to lose data to changing formats; too easy to organize data in a sloppy manner. 	
	<ul style="list-style-type: none"> Can you explain the process from the point where you start working with a faculty member through to the end? Eaker: As far as working with faculty, will receive a notification from OR&E or the DMPTool to review a plan. Then the application goes in and may never hear from them again. Or once they get the grant, may hear from them about getting one-to-one or workshop assistance. Then when they end the research, can help them organize the data, work with the metadata, and help with archiving. 	
	<ul style="list-style-type: none"> Do requirements vary from publisher to publisher? Eaker: Yes, very much so. 	
	<ul style="list-style-type: none"> There's a need for reproducibility. But also, in the course of research, I imagine that people generate data they don't use but that others could use for other purposes. What do you talk to people about concerning "rights" to data? Eaker: In general, research data are owned by UT, but PIs are usually given responsibility. Data sets themselves cannot usually be copyrighted, but the presentation / article can be. Would refer these sorts of questions to Rachel Caldwell. Will look at data set to help clean out sensitive data before archiving. 	
	<ul style="list-style-type: none"> Seeing more and more big data / mining data from the web. Recently saw data set from online forum. People don't necessarily do everything with the data that they could. 	
Library Renovations – Smith		
	<ul style="list-style-type: none"> Ground floor <ul style="list-style-type: none"> OneStop back-end offices. New Veterans' Resource Center. First floor <ul style="list-style-type: none"> Special collections exhibit area - touchscreen and new cases. Inside special collections, updating reading room to more modern environment (furniture, connectivity, coordination) for researchers working with rare materials. First-ever classroom space for special collections materials; will not have to transport rare materials to other Library classrooms. Commendations to brilliant team who figured out how to make this work! 	

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	<ul style="list-style-type: none"> ○ Miles reading room will be renovated with furniture. Little room in middle of the reading room, originally intended to be cutting-edge telephone reference room, is being taken down completely and will provide more general space. ○ Developing a Graduate Student resource area. ○ Staff spaces behind the reading room haven't been renovated in 30 years; will be renovated and updated. ● Third floor <ul style="list-style-type: none"> ○ Technical services (cataloging, acquisitions) will be renovated for first time in 30 years. ● At that point, nearly every space within Hodges will have been updated. ● Pendergrass Library on Ag Campus will also be renovated soon. 	
OIT Notes – Reeves		
	<ul style="list-style-type: none"> ● Did everyone get their IT Security Awareness Training? Did everyone complete their IT Security Awareness Training? ● 900 instructors on Canvas this semester; Blackboard goes away May 31. ● Elements rolled out teaching and professional activities in last couple of weeks. ● Building access requests updated last week. Now only one email a day instead of one for every request. Financial approvers, any of them can confirm any employee. Building reps, still only one per building. Will be rolling out “sensitive area” approvers soon, people who can confirm that people have met training requirements and so on. 	
Next Meeting - Greene		
	<ul style="list-style-type: none"> ● Monday, March 6, 2:20 pm-3:30 pm, Hodges 605 ● Reeves will report on IT policy changes in last 12-18 months. ● If members have any suggestions, please email Holly Greene (hgreene@utk.edu). 	
Meeting Adjourned		