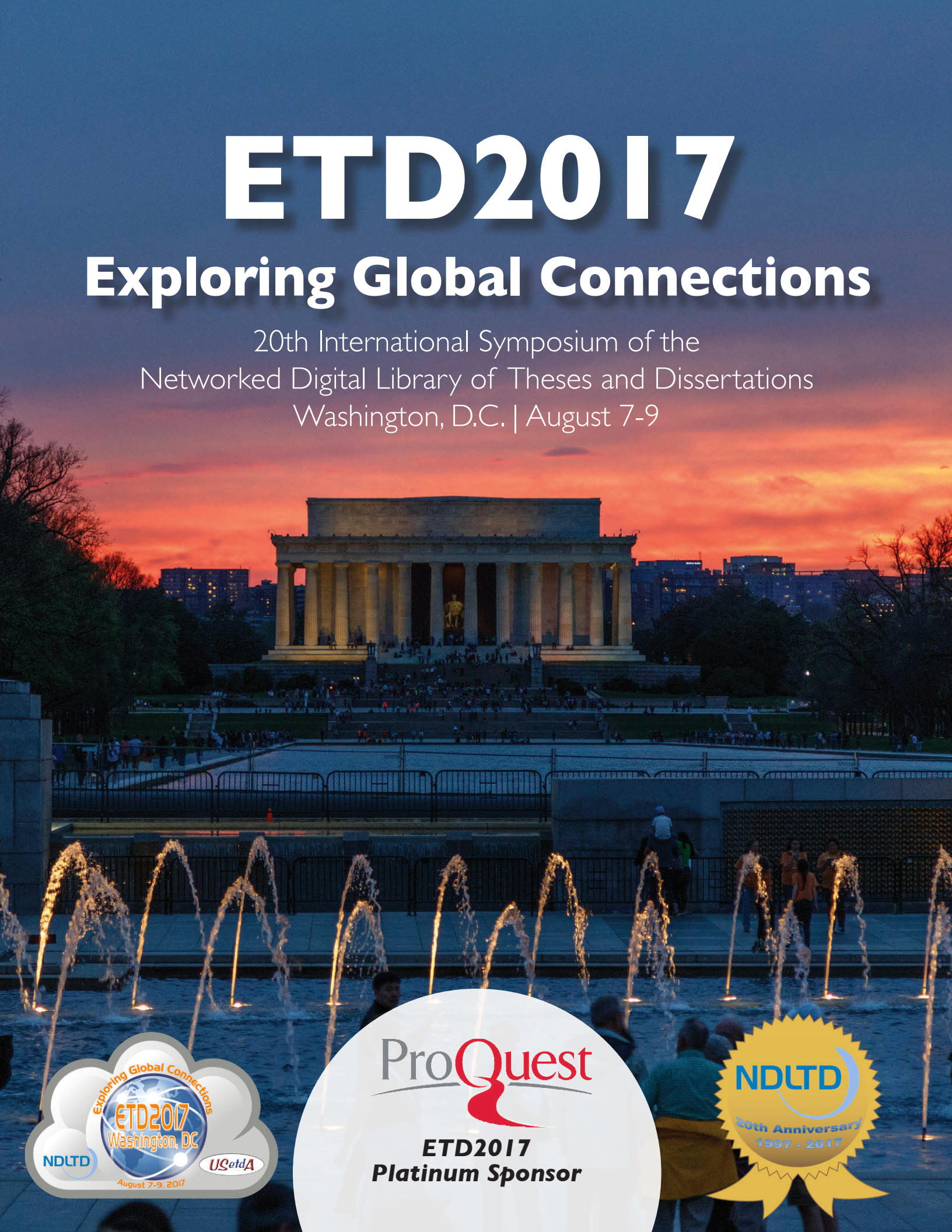
ETD2017

Exploring Global Connections

20th International Symposium of the
Networked Digital Library of Theses and Dissertations
Washington, D.C. | August 7-9



ProQuest

ETD2017
Platinum Sponsor

The US ETD Association and the
Networked Digital Library of Theses and Dissertations present

GEORGE MASON UNIVERSITY

ETD2017
Host Organization

PROGRAM GUIDE

Welcome 4

Local information 5

Conference at-a-glance 6

Keynote speaker 8

Facility floor plan 9

Session abstracts 10

Conference sponsors 25

For more information about USETDA and the ETD2017 conference, please visit:

www.usetda.org

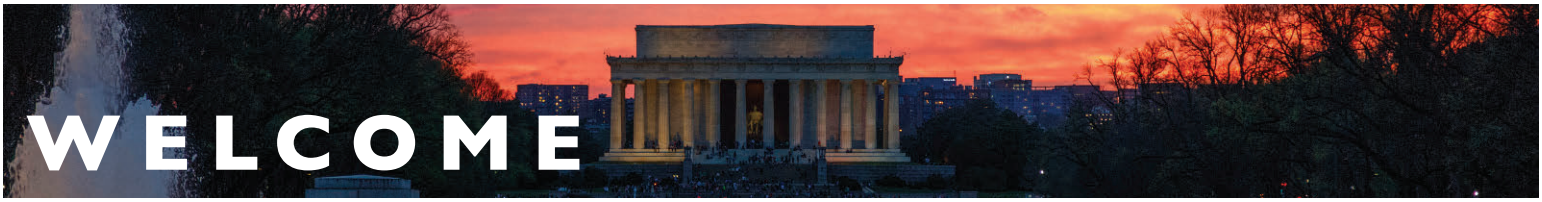
#etd17

ETD2017

ETD2017 CONFERENCE PLANNING COMMITTEE

Sally Evans, Co-Chair, George Mason University Libraries / USETDA Board Member
Valerie Emerson, Co-Chair, George Washington University Libraries
Scott Eldredge, Brigham Young University Library / NDLTD Board Member
Ramesh Gaur, Jawaharlal Nehru University Library / NDLTD Board Conference Committee Chair
John Hagen, Renaissance Scholarly Communications / USETDA Executive Director
Lou Haines, Miami University Graduate School / USETDA Board Treasurer
James MacDonald, University of Northern British Columbia Library / NDLTD Board Member
Matthew Mariner, University of Colorado, Aurora Library / USETDA Board Secretary
Christy Shorey, University of Florida Libraries / USETDA Board Member
Stacy Wallace, University of Florida Graduate School / USETDA Board Member

Program design by Emily Cole, Mason Publishing, George Mason University



WELCOME

Dear Colleague,
The ETD2017 Conference Planning Committee, the George Mason University Library and Office of the Provost, the NDLTD and the USETDA are delighted to welcome you to Washington, DC for the 20th international symposium on electronic theses and dissertations "Exploring Global Connections."

This year's program features a keynote address on "Re-thinking Institutional Repositories and Evolving Ideas about ETDs" by Clifford Lynch, Executive Director for the Coalition for Networked Information (CNI), in which he will discuss the role of institutional repositories and ETDs, critical assessments and directions for the future. Dr. Lynch is a well-known and sought-after speaker on topics such as digital preservation, data intensive scholarship, teaching, learning and technology, infrastructure, standards development, library research and the future of digital libraries and how technology impacts librarianship.

The opening plenary session highlights the popular Three Minute Thesis (3MT®) competitions which encourage graduate students to effectively explain their research in three minutes, in a language appropriate to a non-specialist audience.

The full program includes three workshops, breakout presentations, poster presentations, technology vendor fair, ETD Awards presentation, and user group meetings.

In addition to breakfast and lunch networking opportunities, join us on Monday evening for the opening reception in the Embassy Suite's K Street Atrium. And don't forget to sign up for the ever popular "Dine-Arounds" and enjoy dinner at one of Washington DC's many restaurants on Tuesday evening.

We hope you take some time to explore the capital city and DC region while you are here. We have planned a variety of local museum and attractions tours on Sunday, Monday and Wednesday. Should you have any questions, please feel free to stop by the registration desk in the Pre-function Space.

Warm regards,
ETD2017 Conference Planning Committee

CONFERENCE HOTEL
Embassy Suites by Hilton
Washington DC Convention Center
900 10th Street NW, Washington, DC 20001
202-739-2001

LOCAL INFORMATION

DINING

Bobby Van's
1201 New York Ave, NW
202-589-1504
$$$ Steakhouse

Capitol City Brewing Co.
1100 New York Ave., NW
202-628-2222
$$ Brew Pub

Clyde's of Gallery Place
707 7th St, NW
202-349-3700
$$ American

Cuba Libre
801 9th St. NW
202-408-1600
$$ Cuban/Tapas

Daikaya
705 6th St., NW
$$ Ramen

The Hamilton
600 14th St., NW
202-787-1000
$$ American

Hill Country
410 7th St., NW
202-556-2050
$$ BBQ

Ming's
617 H St., NW
614-461-0033
$$ Chinese, Japanese

Momofuku
1090 I St, NW
202-602-1832
$$ American

Sakina Halal Grill
1108 K St., NW
202-637-9770
$$ Indian, Pakistani, Halal

Toro Toro
1300 I St., NW
202.682-9500
$$$ Latin American

Zaytinya
701 9th St., NW
202-638-0800
$$$ Mediterranean Mezze

THINGS TO DO

Smithsonian Institution (FREE)
http://www.si.edu/museums
See website for locations and hours
Metro Stops: Smithsonian and Federal Triangle (Blue/Orange/Silver Lines)
L'Enfant Plaza (Yellow Line)

National Gallery of Art (FREE)
6th and Constitution NW
http://www.nga.gov/content/ngaweb.html

Holocaust Museum (FREE)
100 Raoul Wallenberg Pl SW
https://www.ushmm.org/information/visit-the-museum/plan-your-visit

Library of Congress (FREE)
Guided and Self-Guided Tours
Thomas Jefferson Building
10 First Street SE
https://www.loc.gov/visit/tours/

National Archives (FREE)
700 Pennsylvania Ave., NW
https://www.archives.gov/dc-metro/washington

Folger Shakespeare Library (FREE)
201 East Capitol Street, SE
http://www.folger.edu/tours

National Museum of Women in the Arts ($)
1250 New York Ave NW
https://nmwa.org/visit

National Geographic Museum ($)
1145 17th Street, NW
http://www.nationalgeographic.org/dc

Building Museum ($)
401 F Street, NW
http://www.nbm.org/

Newseum ($)
555 Pennsylvania Ave. NW
http://www.newseum.org/

Spy Museum ($)
800 F Street, NW
http://www.spymuseum.org/

Monuments/Memorials (FREE)
Smithsonian Metro Stop

Franklin Delano Roosevelt Memorial
Jefferson Memorial
Korean War Veterans Memorial
Lincoln Memorial
Martin Luther King, Jr. Memorial
Vietnam Veterans Memorial
Washington Monument
World War II Memorial

PUBLIC TRANSPORTATION

WMATA

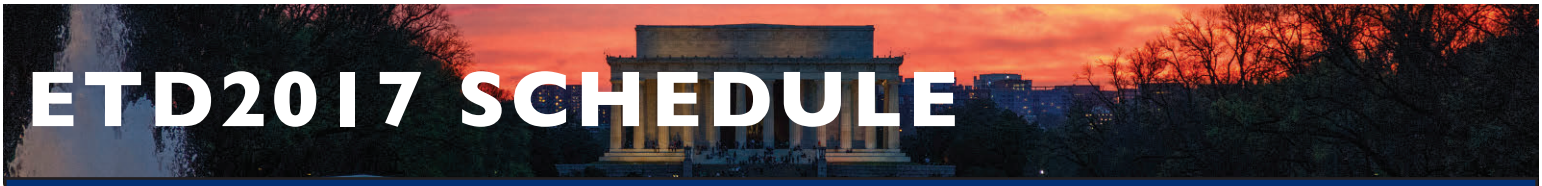
Bus fare: $2.00
Metro: Purchase SmarTrip Card ($2.00 per card) then add fare
www.wmata.com; download the "DC Rider" app

Circulator

Fare: $1.00
http://www.dccirculator.com/ride/rider-tools/

MORE IDEAS ON THE 2017 CONFERENCE PAGE

http://www.usetda.org/usetda-conferences/etd2017/welcome-to-washington-dc/



ETD2017 SCHEDULE

SUNDAY, AUG. 6

12 p.m.–5 p.m.	AM & PM Tours

MONDAY, AUG. 7

8 a.m.–4 p.m.	Registration & Vendor Fair (Capital Foyer)		
	Capital B	**Capital C**	**Capital D**
9 a.m.–12 p.m.	**Workshop**: Streamlining ETD Processing using Vireo 4.0 Open Source ETD Submission and Management System *Larrison, Peterson-Lugo, Starcher*	**Workshop**: ETDs for Rookies – Newcomers session *Hagen and Panelists*	
10:30 a.m.–1:30 p.m.	Break (Capital Foyer)		
12 p.m.–1:30 p.m.	Lunch (Capital A) – Welcome from the Hosts, ETD Awards Presentation		
1:30 p.m.–2:30 p.m.	Opening Plenary – "3-Minute Thesis Competition" (Capital CD) 3MT® THREE MINUTE THESIS FOUNDED BY THE UNIVERSITY OF QUEENSLAND		
2:30 p.m.–2:45 p.m.	Break (Capital Foyer)		
	Capital B	**Capital C**	**Capital D**
2:45 p.m.–3:45 p.m.	(1) Fostering Connections: Creation of an IR Managers Forum; (2) Using Islandora Digital Repository for Developing the CUHK ETD Collection; (3) Purdue Graduate School Improves Thesis Authoring and Submission Processes with Overleaf *Moderator: Sally Evans*	(1) Human Subjects Protection based ETDs in the OATD Resource Discovery Service; (2) Bridging Information Disparities through ETDs in Academic Libraries: Case Studies from Sri Lanka and Bangladesh; (3) Health Information Management and Resource Sharing among the Medical Institutes in Rajasthan (India) *Moderator: John Hagen*	(1) Using Social Network Analysis to Understand the Citation Life Cycle of ETDs in Taiwan; (2) Back to the Blackboard: Connecting Thesis and Dissertation Students to Resources through a Web-based Course; (3) Scenarios for Advanced Services in an ETD Digital Library *Moderator: Stacey Marien*
4 p.m.–5 p.m.	(1) Current Trends and Progress of Institutional Repositories in BRICS Countries; (2) The Development and Prospect of ETDs of Taiwan and Hong Kong: Case Study from National Central Library (NCL) of Taiwan and Chinese University of Hong Kong (CUHK); (3) Fuzzy Based Quality of Service (QoS) for Institutional Repositories *Moderator: Christy Shorey*	(1) Electronic Thesis and Dissertation (ETD) Repositories: A Case Study of Maharshi Dayanand University, Rohtak, Haryana; (2) ETDs in Languages Other Than Portuguese at PUC-Rio; (3) National Level ETD Efforts in Shodhganga, a Platform of Research Output in Indian Universities: A Comparative Study *Moderator: Lou Haines*	(1) Exploratory Practice on ETDs for Better Information Literacy; (2) Discovering Electronic Theses and Dissertations of Science and Technology Institutes in India; (3) Ensuring Zero Plagiarism through APA Citation Standards, a Genuine Originality Expected to the Doctoral Theses: India Scenario *Moderator: Scott Eldredge*
5 p.m.–5:30 p.m.	Break (Capital Foyer)		
5:30 p.m.–7:30 p.m.	Welcome Reception (K Street Atrium)		

TUESDAY, AUG. 8			
8 a.m.–4 p.m.	Registration & vendor fair (Capital Foyer)		
8 a.m.–9:15 a.m.	Breakfast and Networking tables (Capital A)		
9:15 a.m.–10:45 a.m.	Introduction & Keynote (Capital CD)		
10:45 a.m.–11 a.m.	Break (Capital Foyer)		
	Capital B	**Capital C**	**Capital D**
11 a.m.–12 p.m.	(1) Multimedia and Non-text Research in Theses and EThOS Webservice; (2) Disseminating Scholarly Research through PU@ ETD: Issues and Challenges; (3) Preserving Intellectual Capital: A Roadmap for Developing ETD & Institutional Repository for PEC University of Technology, Chandigarh *Moderator: Suzanne Chase*	Creative Writing and ETDs from 3 Perspectives: a Campus, a Professional Association and a Disseminator *Moderator: Matt Mariner*	(1) Institutional repository, Digital Theses and Research Data for Improving Visibility: the Case of the Peruvian University for Applied Sciences; (2) Mapping the Landscape of ETDs in IRs: Results from the Institutional Repository Policy Survey *Moderator: Scott Eldredge*
12 p.m.–1:30 p.m.	Lunch (Capital A) – Independent Publishing: Returning Control to Academic Authors & Institutions in All Stages of the Academic Life Cycle		
	Capital B	**Capital C**	**Capital D**
1:30 p.m.–2:30 p.m.	Challenges and Opportunities: Undergraduate Honors Theses in the IR@UF: Swicord, Shorey *Moderator: Matt Mariner*	Hometown ETDs Make it to the Big Time: The Collective Power of Collaboration and Consortiums to Connect: Flynn, Green, Larrison, Peterson-Lugo *Moderator: Scott Eldredge*	Passive ORCiD Adoption in ETDs at Research Universities: Barba, Lyon, Thompson Session *Moderator: Amy Sullivan*
2:30 p.m.–4 p.m.	Technology Fair and Poster Session (Capital Foyer)		
4 p.m.–5 p.m.	OhioLink ETD Center Users Group Meeting	ETD Administrator User Group Meeting	Vireo Users Group Meeting
5 p.m.–6 p.m.	NDLTD Committee Meetings (Conference attendees invited to attend)		
6 p.m.	Dine Arounds		
WEDNESDAY, AUG. 9			
8 a.m.–1 p.m.	Registration & Vendor Fair (Capital Foyer)		
	Capital A	**Capital C**	**Capital D**
9 a.m.–12 p.m.	When the Dissertation is Not the Main Event: Evans, Wieringa *Moderator: Lou Haines*	Workshop: Managing and Preserving Data and Complex Digital Objects Workshop: Skinner, Meister (Educopia) *Moderator: John Hagen*	Tracing Our Global Connections: A Bibliographic Analysis of UNT Digital Library Item Usage Among Global ETDs: Andrews, Alemnah, Harker, Klein (9:00am–10:00am) *Moderator: Matt Mariner*
10 a.m.–10:15 a.m.	Break (Capital Foyer)		
	Capital B		**Capital D**
10:15 a.m.–11:15 a.m.	Thesis and Dissertation Boot Camp: Redd, Foley *Moderator: Sally Evans*		(1) Creation of Dynamic Ontologies for Graphical Representation in User Interface using NeOn in Shodhganga; (2) Exploring Open Source Solutions in the Management of ETD; (3) Implementation of PU@ETD: Issues and Challenges *Moderator: Amy Sullivan*
12 p.m.–12:15 p.m.	Break (Capital Foyer)		
12:15 p.m.–1 p.m.	Closing Plenary (Capital CD)		
1 p.m.	Tours		

KEYNOTE SPEAKER

CLIFFORD LYNCH

Executive Director for the Coalition for Networked Information (CNI)

Clifford Lynch has led the Coalition for Networked Information (CNI) since 1997. CNI, jointly sponsored by the Association of Research Libraries and EDUCAUSE, includes about 200 member organizations concerned with the intelligent uses of information technology and networked information to enhance scholarship and intellectual life. CNI's wide-ranging agenda includes work in digital preservation, data intensive scholarship, teaching, learning and technology, and infrastructure and standards development.

Prior to joining CNI, Lynch spent 18 years at the University of California Office of the President, the last 10 as Director of Library Automation. Lynch, who holds a Ph.D. in Computer Science from the University of California, Berkeley, is an adjunct professor at Berkeley's School of Information. He is both a past president and recipient of the Award of Merit of the American Society for Information Science, and a fellow of the American Association for the Advancement of Science and the National Information Standards Organization.

He served as co-chair of the National Academies Board on Research Data and Information (BRDI) from 2011-16; he is active on numerous advisory boards and visiting committees. His work has been recognized by the American Library Association's Lippincott Award, the EDUCAUSE Leadership Award in Public Policy and Practice, and the American Society for Engineering Education's Homer Bernhardt Award.

Cliff Lynch is a well-known and sought-after speaker on topics such as library research, the future of digital libraries and how technology impacts librarianship.

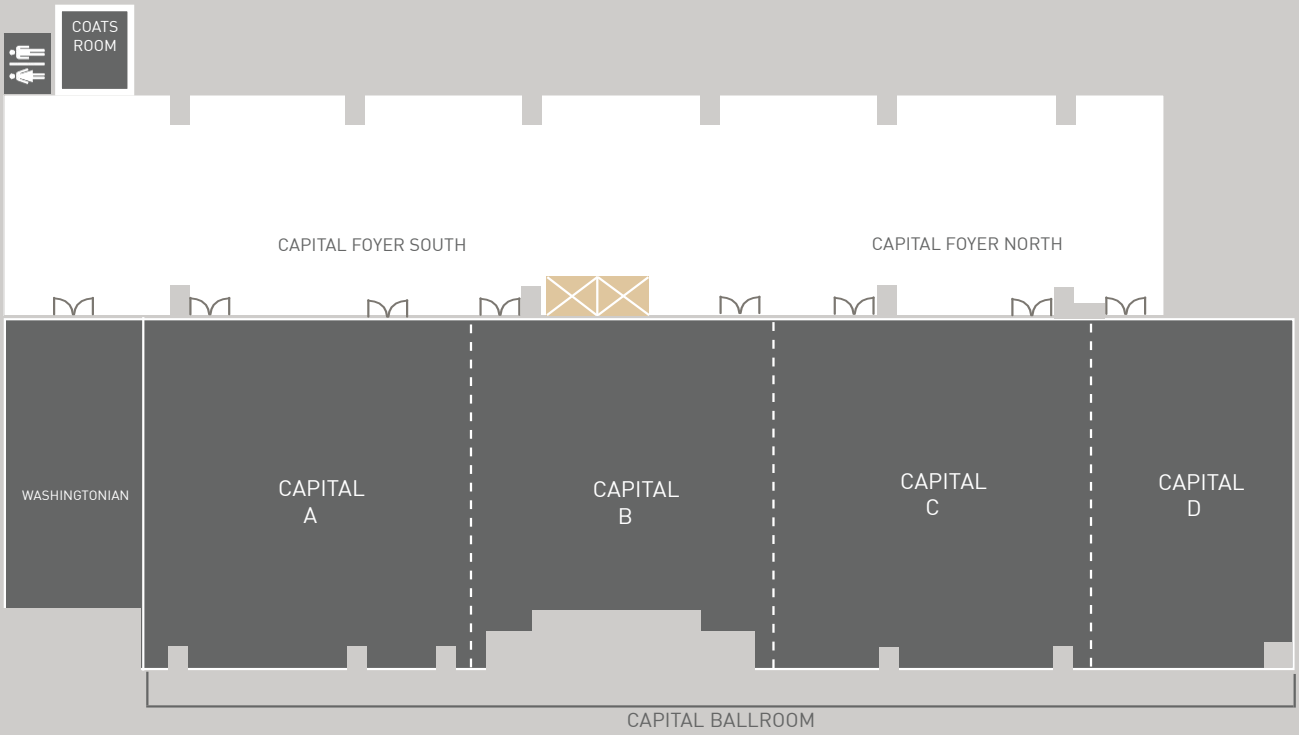
RE-THINKING INSTITUTIONAL REPOSITORIES AND EVOLVING IDEAS ABOUT ETDs

In his keynote address, Clifford Lynch will discuss the role of institutional repositories and ETDs, critical assessments and directions for the future. Supporting ETDs was one of the earliest and most compelling justifications for building IR services. In the past year or so, many institutions are reconsidering both their objectives and their platforms in the IR arena. Lynch will review where this stands, with particular reference to what the Coalition for Networked Information (CNI) learned at a recent series of Executive Roundtable discussions at their last meeting.

In addition, the nature of the ETD is itself evolving. In particular there is growing interest in more fully documenting the research outcomes (through software, data, and multimedia materials), in ensuring reproducibility of experimental results, where appropriate. And there is interest in moving beyond ETDs that are merely PDF – essentially electronic printed pages – to content that can be more easily mined, reused, and repurposed; this will mean new markup standards and practices, and, probably, revised metadata practices. Lynch will look at both of these developments, and what they mean to repositories and to institutions more broadly.

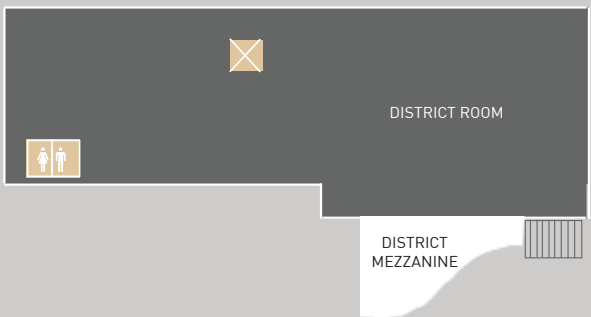
FACILITY FLOORPLAN

LOWER LOBBY

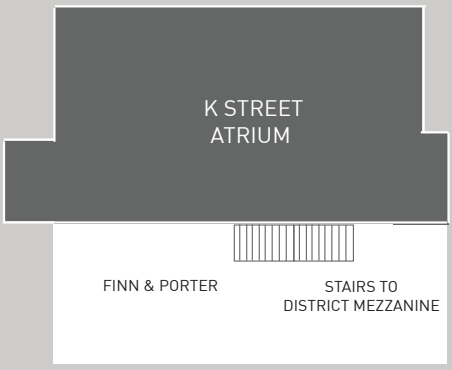


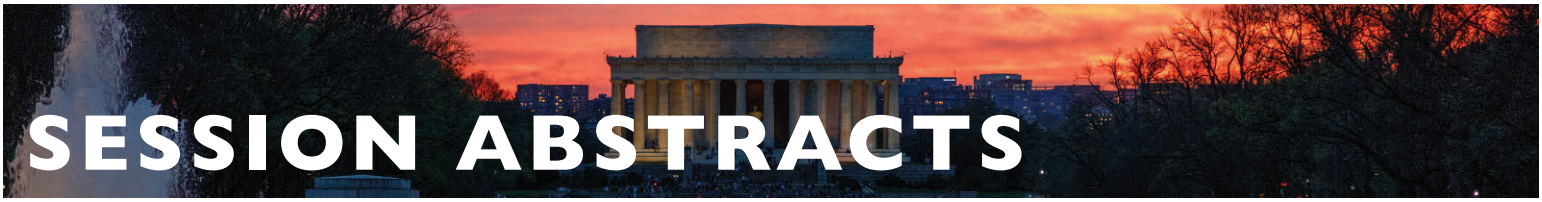
UPPER LOBBY

DISTRICT ROOM



K STREET ATRIUM





SESSION ABSTRACTS

PRE-CONFERENCE WORKSHOPS 9:00AM-12:00PM, MONDAY, AUG. 7

STREAMLINING ETD PROCESSING USING VIREO 4.0 OPEN SOURCE ETD SUBMISSION AND MANAGEMENT SYSTEM

Stephanie Larrison, Texas State University; Billie Peterson-Lugo, Baylor University; Christopher Starcher, Texas Tech University
9:00am–12:00pm, Capital B

In most institutions around the world, thesis and dissertation, processing makes up just a fraction of the job duties of graduate school and library professionals. However, an ETD submission and management system is a great tool that streamlines workflows and makes processing even more efficient. In this workshop, we will introduce Vireo 4.0, the latest version of the open source Vireo ETD Submission and Management web application scheduled for release in summer of 2017. This workshop is intended for anyone interested in ETD submission systems as well as current Vireo users.

In the first hour, the presenters will provide a broad overview of Vireo, describing what it does, what it integrates with, and how it saves time and duplication of effort for students, graduate school professionals, librarians, and repository managers.

Existing Vireo users may choose to enter at the second hour when we demonstrate the new and powerful features of Vireo 4.0 that make it the most flexible and customizable ETD submission system available today.

Learning outcomes include:

- Familiarity with the basic functions of Vireo from student and staff perspectives
- Familiarity with the new organizational structure of Vireo and the creation of workflows
- Understanding of how to apply controlled vocabularies to select fields
- Strategies to create new workflows for more efficient ETD processing
- Knowing where to find documentation or get help

ETDs FOR ROOKIES – NEWCOMERS SESSION

John H Hagen, Renaissance Scholarly Communications
9:00am–12:00pm, Capital C

The successful implementation of electronic thesis and dissertation programs on campus can at first, seem to be a daunting task. This primer will prove extremely helpful in assisting you through this process. Armed with a team of experts, the "ETDs for Rookies" session will introduce you to concepts such as the myriad of free resources available through the USETDA and the NDLTD. Topics will include ETD implementation and political strategies, discussion of various models of homegrown ETD systems versus pre-packaged open source and commercial repository systems, ETD office automation strategies, the role of University libraries and graduate school in ETD program implementation and archiving, intellectual property issues, ETD Lifecycle Management as well as explore the usefulness of and approaches to consortia and networking to build ETD programs. This 3-hour workshop is open to beginners as well as veterans who would like a refresher on latest basic ETD concepts and resources. Get more out of attending the ETD Symposium by attending this free session.

MONDAY, AUG. 7 2:45PM–3:45PM

FOSTERING CONNECTIONS: CREATION OF AN IR MANAGERS FORUM

Christy Shorey, University of Florida; Pamela Andrews, University of North Texas; Anna J. Dabrowski, Texas A&M University; Erin Jerome, University of Massachusetts Amherst
2:45pm–3:45pm, Capital B

Sometimes it's difficult to find answers for work related questions. This can be compounded when one lacks the means to engage with a community of peers who face similar situations and problems. As institutional repository managers, we found ourselves in this situation: with access to resources and listservs that didn't quite fit our needs. Available resources were either a) too general in scope, drowning out a discussion of repository-specific concerns, b) too narrowly focused on platform specific issues or c) too technically oriented toward the details of software functionality and setup.

Instead of remaining siloed, or reaching out to a few individuals in our network, we decided to engage our colleagues by creating a discussion space for institutional repository managers. The IR Manager Forum is designed to foster information sharing among institutional repository managers, regardless of software platform, institutional setting, or technical expertise. It uses Google Groups as a platform. Members can post and view threaded messages. Messages are accessible through the website, and members can also receive and respond to posts by email.

These conversations have the potential to help individual managers develop their repository policies, outreach, workflows, and best practices. They can also aid in cross-platform comparisons to identify software features and limitations, larger trends in institutional repositories, areas for improvement, and future directions.

Within the first 24 hours of launching the IR Managers Forum, we reached over 100 members from institutions across the US and Canada, and from Africa, Western Europe, and the Middle East. These members include staff and faculty, with various levels of supervision and administration of their IR.

In this presentation, we'll discuss the why and how of creating the IR Managers Forum, lessons learned along the way, as well as the outcomes we anticipate.

USING ISLANDORA DIGITAL REPOSITORY FOR DEVELOPING CUHK ETD COLLECTION

Jeff Liu, Louisa Lam: The Chinese University of Hong Kong
2:45pm–3:45pm, Capital B

Platform's feature and functionality always play an important role to facilitate users to retrieve their resources they are looking for. The Chinese University of Hong Kong Library experienced a long journey

in the past 6 years from the retrospective digitisation of around 10,000 physical dissertations and the migration from a local developed platform to a standardized Islandora digital repository. This presentation will share our experience and lessons learnt from opening this valuable research collection.

The digitisation project was embarked in 2012. Besides its huge volume that involves more than 1 million images, there are two major enhancements to make them fully accessible and reusable. One is OCR for all English plus Chinese theses at over 94% accuracy. Second is to handle OCR of handwritten Chinese texts that are vertically displayed from top to bottom on a grid sheet. The online platform is another area of concern. Various platforms were evaluated. DSpace and other platforms available at that time were ruled out and it was decided to develop a local platform for catering the special requirements such as the complex CJK search and the performance of handling the huge amount of full text images and text records. The platform was launched in December 2014 and received great success from the University communities.

Yet, looking back 2 years later in 2016, we experienced a lot of limitations with the local platform; all stemmed from its lack of standardization of other open source platforms. This adversely hinders its potential for development and the speed with which it can respond to the fast-changing needs of users. The initial decision was revisited. In fact, we experienced the same problem when we explored the migration of other legacy digital collections into a new platform. We found it necessary to take a new approach to serve our ultimate aims: open access, open source and open scholarship. We decided to implement Islandora as the platform of University's digital repository to house different digital collections, the ETD is one of the most important one in the migration pipeline.

Redevelopment means a new opportunity to reposition the Library and rethink how to streamline the workflow to make the digital repository into the institutional repository. The Digital Services Librarian and the Head of Research Support and Digital Initiatives have devised new policies and new workflow to handle and prioritize the migration. The new ETD collection that is equipped with more advanced features was migrated to the Digital Repository and launched in summer 2016. It is hoped that researchers can benefit from this migration and enhancement we brought to facilitate the use and reuse of the collection.

PURDUE GRADUATE SCHOOL IMPROVES THESIS AUTHORING AND SUBMISSION PROCESSES WITH OVERLEAF

Mary Anne Baynes, Shelly Miller: Overleaf
2:45pm–3:45pm, Capital B

For this session, we plan to discuss an Overleaf case study featuring Purdue University Graduate School. The Purdue University Graduate School was evaluating tools and solutions that would address the following goals:

1) Make the thesis writing process easier for students.

2) Decrease the amount of time and work required by the Graduate School to review theses.

3) Streamline the thesis review process.

Providing premium Overleaf accounts and customized writing templates to all students, faculty and staff is helping the Purdue Graduate School achieve these goals.

Prior to partnering with Overleaf, the Purdue Graduate School provided theses templates to students as traditional LaTeX templates and Word documents. Both options had, and continue to present, challenges.

Word documents may be more familiar and easier for students to use initially; however, there are specific formatting requirements and rules that must be followed for a thesis to be accepted which are not easily accomplished using Word. Word requires students to format and compose their documents prior to submission. This is rarely done correctly. A huge amount of time is then required by the Graduate School to reformat, clean up and work with students on finalizing their documents. For the Purdue Graduate School, this resulted in 5 or more meetings between the student and the Graduate School staff.

Due to these formatting requirements, and time needed to fix formatting issues, LaTeX templates have always been preferred by the Graduate School. LaTeX composes the document for students based on the template layout – so there is much less work required on the back-end for formatting.

Purdue was looking for a way to overcome the LaTeX intimidation and accessibility hurdle. They knew that having students use the LaTeX thesis template would save everyone time and headaches in the end, but they also knew they had a challenge getting student and faculty buy-in on a format that was not widely known or used.

How Overleaf Helped: Overleaf is a cloud-based, collaborative LaTeX and Rich Text authoring platform. Think of it like Google Docs™, but for researchers, scientists and engineers. It's incredibly intuitive and simple to use – users go to the website, open a template (over 3000 available), and start to write. There's nothing to download or install. And users can choose to write in LaTeX or a Rich Text mode, which provides a 'word processor' type environment for users who are new to or aren't familiar with LaTeX. This was perfect for Purdue – it allowed students to use LaTeX quickly and easily and put a friendly face on LaTeX.

HUMAN SUBJECTS PROTECTION BASED ETDs IN THE OATD RESOURCE DISCOVERY SERVICE

Sangeeta Narang, All India Institute of Medical Sciences; Charles J. Greenberg, Wenzhou-Kean University
2:45pm–3:45pm, Capital C

Introduction: The aim of this study is to present characteristics and publication patterns of theses and dissertations on human subject protection accessible in Open Access Theses and Dissertations (OATD) resource discovery service, a tool developed by Wake Forest University in the United States.

Methodology: The search strategy that we adopted for finding theses on human subject protection in this resource discovery service was :(human AND research AND protection) AND :(bioethics OR compliance OR regulation) AND pub_dt:[2000-01-01T00:00:00Z TO *]. The search was limited to thesis published in the year 2000 and onwards.

Findings: There were in total 129 records obtained from the search in OATD after removal of duplicate entries. These retrieved records were tabulated in a Google sheet. The authors considered institution, country, and language, year of publication, degree obtained and Institutional repository link available for each thesis. We also double-checked whether the entire thesis is available open access or not and what the research pertains to such as the discipline of study. The preliminary investigations reveal that maximum of the theses are from the law discipline. There are also theses from medicine and even environmental engineering discipline. Most of the theses are published in English language; there were theses in Portuguese, Italian language as well. Yearly distribution shows that maximum human subjects' protection ETDs are from the year 2011-2016. Based on universities and location, most theses are available from the US and UK institutions, as well as from South Africa and Brazil. There were more doctoral theses, compared to master's theses. Many of the theses had usage statistics available, which were established, via institutional repositories.

Discussion: OATD is the best possible resource for finding open access graduate ETDs. OATD facilitate access to ETDS's from over 1100

colleges, universities and research institutions across the world. It has over 3.5 million records and has advanced search options available. There were several other platforms for accessing theses also available like NDLTD global ETD search, ProQuest Dissertations & Theses Global, and ProQuest PQTD Open. But there are several limitations in finding the ETDs on a particular topic from the NDLTD global search or ProQuest Dissertations & Theses subscription-based service. Through OpenDOAR provides directory of open access repositories, and one can limit the search to ETD's in a particular Institution, one cannot establish the global picture of theses available on a particular area of research at a wider level. Student research on human subjects' protection includes interdisciplinary ETDs that consider aspects of stem cell research, HIV vaccination practices, privacy, and confidentiality of research subject participants.

Conclusion: Theses deposited in the area of protecting human research subjects are few. The OATD resource discovery service continues to grow in size and coverage. The presence of human subjects' protection theses in a globally open database will expose important research to more students, ethicists, and developers of public policy that not only exists to protect human participants, but also to provide more credibility and support for safe human participation in clinical trials and research.

BRIDGING INFORMATION DISPARITIES THROUGH ETDs IN ACADEMIC LIBRARIES: CASE STUDIES FROM SRI LANKA AND BANGLADESH

Kamani Perera, Regional Centre for Strategic Studies; Md. Zillur Rahman, Chittagong Independent University
2:45pm–3:45pm, Capital C

ETDs are playing a significant role in developing countries in the recent past. Perera (2016) stated that it is evident that ETDs can play a significant role in repositories and it may lead to a result- oriented approach by way of improving data skills of research scholars. It is, therefore, extremely important to provide accurate data sets to fulfill the information gap and at the same time supporting to accomplish their novel research by providing required ETDs in time. Rahman (2015) cited that ETDs could play a vital role in the development of research in various fields by transferring expertise from one country to another. This research study is focused to find out how Regional Centre for Strategic Studies (RCSS) in Sri Lanka and Chittagong Independent University (CIU), in Bangladesh bridging their information disparities through ETDs and how it supports their academic community without any geographical barrier.

The purpose of present research study was to discover the usage of ETDs by academic scholars who visit the RCSS library and CIU library. In this research survey, it is examined whether there are any disparities to use of the ETDs and how to overcome such situation to provide effective service to the academic community.

The study reveals that ETDs have a great role in disseminating knowledge among the academic communities. ETDs can be shared and impart in academic community locating any corner of the world. Being a developing country Bangladesh and Sri Lanka have been facing similar kind of problems in preservation as well as building cultural of sharing knowledge beyond the boundary. The study also suggested measures into the problems for taking right steps to overcome all possible shortcomings in ETDs process.

HEALTH INFORMATION MANAGEMENT AND RESOURCE SHARING AMONG THE MEDICAL INSTITUTES IN RAJASTHAN (INDIA)

Lata Suresh, Knowledge Resource Center, Indian Institute of Corporate Affairs; Dr. Surya Nath Singh, Information Centre & Library, National Institute of Virology (ICMR)
2:45pm–3:45pm, Capital C

Information is the currency of the knowledge economy. Revolution in information has led to the technological horsepower that has helped knowledge to share and network with other institutes and colleges. This paper discusses the importance of library networking and resource sharing among the medical colleges and institutes in Rajasthan (India). Furthermore, this study is also supported by data available from various sources and studies. This work has carried out using different methods and techniques prominently of which include literature reviews, data collection through questionnaires, spot surveys, discussions, observations etc. Hence the present study is based on multi-method approach and has helped the researchers to propose an Integrated Health Information System (HIS) which will be an information communication technology (ICT) based model for Rajasthan (India) for its' overall sound development to fulfill the complex healthcare information needs for the variety of users at different levels for different purposes. The preliminary investigations have directed to draw hypotheses that the Rajasthan State in India needs services of an effective and efficient HIS. This paper also explores the possibilities of operating institutional repositories (IRs) and some of the challenges and benefits in operating IRs in Rajasthan State's Medical Institutes.

The present paper visualised the concept of networking and Institutional Repository (IR) Management in medical libraries and institutes in the state of Rajasthan in India for resource sharing. The present study takes the stock of the existing health information resources, their management, available infrastructure, different categories of users and their characteristics with a view designing an effective HIS including creating the IR in Rajasthan State.

USING SOCIAL NETWORK ANALYSIS TO UNDERSTAND THE CITATION LIFE CYCLE OF ETDs IN TAIWAN

Yi Shuan Huang, National Taiwan University; Lee Chen, Bao-Tzuoh Huang: National Ilan University
2:45pm–3:45pm, Capital D

Our previous study, the citation life cycle of ETDs in Taiwan, had presented at ETD 2016 conference. In this study, we will continue to collect the latest data and will take a step further to use social network analysis to understand and explain the citation life cycle of ETDs in Taiwan.

Open access (OA) means the removal of barriers from accessing scholarly research via the internet. However, there are some controversial points about the value of OA to ETDs. For example, we don't know whether OA to ETDs has the potential to accelerate recognition and dissemination. In particular, OA papers make published papers immediately freely available on the web site, but it is difficult to estimate whether this paper is cited because of OA. This paper will try to figure out the citation life cycle of OA and non-OA ETDs in Taiwan.

National Digital Library of Theses and Dissertations in Taiwan (http://ndltd.ncl.edu.tw/) provides free on-line services to general public on theses and dissertation of academic degrees. This paper conducts a study on Taiwan ETDs through this system and is aimed at exploring the following questions:

1. The development of OA ETDs in recent years in Taiwan
2. The Immediacy Index of OA and Non-OA ETDs in Taiwan

3. The citation life cycle of OA ETDs and Non-OA ETDs in Taiwan
4. Explain the citation life cycl e of ETDs in Taiwan

Methods: The research data of this paper is based on bibliometric and citation analysis of OA and Non-OA ETDs published from 2007 to 2016. Our measurement of quantitative statistics is focused on citation count. This study will use social network analysis to explain why OA and Non-OA ETDs' citation life cycle is different. The research setting is in the National Digital Library of Theses and Dissertations in Taiwan (http://ndltd.ncl.edu.tw/).

Anticipated outcome:

1. To identify the development of OA ETDs in recent years in Taiwan.
2. The Immediacy Index is the average number of times an article is cited in the year it is published. We would like to compare the Immediacy Index of OA and Non-OA ETDs in Taiwan.
3. To figure out and compare the citation life cycle of OA ETDs and Non-OA ETDs in Taiwan
4. To explain the citation life cycle of ETDs in Taiwan
5. The value of our research is that we try to demonstrate what the impact of OA could bring to ETDs

BACK TO THE BLACKBOARD: CONNECTING THESIS AND DISSERTATION STUDENTS TO RESOURCES THROUGH A WEB-BASED COURSE

Nathalia Bauer, Wendy Cartier: University of Central Florida
2:45pm–3:45pm, Capital D

Colleges and universities frequently offer workshops, boot camps, forums and other face-to-face experiences as a primary tool to familiarize thesis and dissertation students with requirements and resources. However, masters and doctoral students often balance numerous responsibilities, leaving little time to take advantage of face-to-face experiences. Therefore, it is essential for institutions to deliver alternative methods of learning for this unique audience of students.

Asynchronous online learning opportunities are especially effective at connecting students with resources whenever they are ready and wherever they are available. Many institutions already require students to participate in online courses through a learning management system (LMS) platform such as Blackboard, Moodle, and Canvas, so it makes sense to provide thesis and dissertation information in a familiar environment.

The implementation of a web-based course in a campus LMS for thesis and dissertation resources can help consolidate information and provide one official location to point students to for resources. Presenting this information in a web-based course also allows staff to track usage, set up self-assessments for students, interact with students, post announcements, and more.

The presenter will discuss transitioning thesis and dissertation workshop topics and website resources to a non-credit, web-based course. Participants will learn how to analyze the content most suitable for online delivery, how to identify campus partners needed to produce quality online offerings, how to introduce this resource to their campus community, how to mitigate challenges to online delivery, best practices for maintenance, and more.

SCENARIOS FOR ADVANCED SERVICES IN AN ETD DIGITAL LIBRARY

Edward Fox, Yufeng Ma, Tingting Jiang: Virginia Tech; Chandani Shrestha, Clyde Lee Giles, Jian Wu: Penn State University
2:45pm–3:45pm, Capital D

ETDs, typically in PDF, are a largely untapped international resource. Digital libraries (DLs) with advanced services can effectively address the broad needs to discover and utilize ETDs of interest.

DLs support indexing, searching, and browsing. However, when only metadata is available, these capabilities are insufficient. Using full text to extend faceted searching provides improvement, but adds noise and reduces precision. Natural language processing (NLP), e.g., information extraction (IE), yields additional improvement, but results are like with Google Search. Google Scholar and CiteSeerX – which extract, analyze, and link references in short publications -- provide additional capabilities, but do not work well with ETDs (due to length, complexity, and domain variations).

We are working toward a tailored DL for English ETDs with special services -- including for processing references and citations, as well as for extraction from chapters, sections, and subsections -- that review the literature, state hypotheses, list research questions, explain the approach, describe methods, summarize results, discuss findings, draw conclusions, and provide insights about open problems. Such a domain independent DL can be prototyped now, using advanced NLP and IE techniques, coupled with machine learning and information retrieval methods. The result would enable stakeholders to engage in more advanced scenarios.

MONDAY, AUG. 7
4:00PM –5:00PM

CURRENT TRENDS AND PROGRESS OF INSTITUTIONAL REPOSITORIES IN BRICS COUNTRIES

Madaiah Krishnamurthy, DRTC. Indian Statistical Institute
4:00pm–5:00pm, Capital B

Institutional Repositories (IRs) provides open access to research output of an institution by self-archiving, storing and preserving it in order to enable universal visibility to the institutional digital assets. The Registry of Open Access Repositories (ROAR) is one of the international, searchable indexing that enables the creation, location and the growth of open access IRs. Similarly, OpenDOAR is an authoritative directory of academic open access (OA) repositories. The present article aims to quantify existing parameters of institutional repositories in the BRICS countries indexed in ROAR and OpenDOAR using the graphical representations provided by the former and the latter IR directories. The result reveals that the growth and development of IRs, including parameters like software, repository types, content types and operational status in BRICS countries. The study provides overview of the current trends and development of Institutional Repositories (IRs) in BRICS countries.

THE DEVELOPMENT AND PROSPECT OF ETDs OF TAIWAN AND HONG KONG: CASE STUDY FROM NATIONAL CENTRAL LIBRARY (NCL) OF TAIWAN AND CHINESE UNIVERSITY OF HONG KONG (CUHK)

Wing-Hong Liu, The Chinese University of Hong Kong; Hung-De Wang, Ting-Yu Wu, An-Chi Lin: National Central Library, Taiwan
4:00pm–5:00pm, Capital B

Library plays a major role in the management and full text hosting of the thesis and dissertation output. But there are still differences between maintaining a union catalogue and an individual institutional ETD repository. This presentation will compare the similarities and differences between managing a national wide union catalogue with over 1 million records that built for over 20 years, with a late comer of ETD practitioner with around 13,000 records in the local repository.

At the union catalogue level, "National Digital Library of Theses and Dissertations in Taiwan (Taiwan NDLTD System)" constructed by National Central Library (NCL) of Taiwan, contains over 1,000,000

bibliographies of theses and dissertations of different academic disciplines dated back to 1956 and offers over 400,000 full texts to worldwide users for free retrieve and download. NCL will share the project background and how the application was built up and on a standalone platform, as well as their workflow to harvest and retrieve records from the 142 member libraries. The policies of the copyright, embargo and handling of hard copies that affect the open accessibility of the ETD full text will also be addressed.

The CUHK Electronic Theses and Dissertations Collection (the ETD Collection) holds the full-text of research degree's theses and doctoral dissertations submitted by postgraduate students of The Chinese University of Hong Kong (CUHK) since 1967. It comprises more than 13,000 volumes in both English and Chinese. Searchable PDFs for the body text, s and table of contents in both English and Chinese are provided. CUHK Library, at the institutional level, will share the project background, method for building up the full text and the metadata to the repository that could be harvested by a union ETD catalogue at Hong Kong. Promotion and usage of the platform will also be covered.

National Central Library of Taiwan and the CUHK hope the sharing from the two different roles would benefit for other national wide and institutional level repository managers and fellow researchers.

FUZZY BASED QUALITY OF SERVICE (QOS) FOR INSTITUTIONAL REPOSITORIES

Parveen Babbar, Ramesh Gaur, Somesh Vishwakarma: Jawaharlal Nehru University
4:00pm–5:00pm, Capital B

Fuzzy logic has been widely used in the real world especially in automation and process control. It is the best solution and more appropriate when working with indefinite information. With the changing requirements of the users working with the Web service Discovery, the next phase of institutional repositories are moving toward the Fuzzy Logics to provide QoS especially in Web Discovery. When using QoS it provides different priority to different applications and users to guarantee a certain level of performance to data flow with non-functional properties of Web-service such as response time, performance, security, availability and reliability.

Literature is already present which shows work on Fuzzy Logic (FL) applications for Knowledge Discovery (KD), focusing on Information Retrieval (IR) and Information Extraction (IE). Fuzzy logic enables the data representation with linguistic variables and fuzzy values. Further, the fuzzy matchmaking framework represents the underlying data of web services using fuzzy logic and semantic web technologies in order to optimize the discovery process. It is imperative to say Computational Intelligence, and mainly Fuzzy Logic, emerges as an ideal tool for Institutional Repositories in coming time.

So, the paper will study the upcoming approaches, which are developed for extensive description and publication mechanisms involving use of syntactic, semantic, and structural reviews of Web service specifications. The proposal presents an overview which focus on developing fuzzy-based approach for Web service discovery for institutional repositories.

The paper will also study the available Web service technologies such as WSDL and UDDI, which are used for publishing and discovering Web services and will investigate how these can be used for Institutional Repositories to have better functionality and support design time.

ELECTRONIC THESES AND DISSERTATIONS' (ETD) REPOSITORIES: A CASE STUDY OF MAHARSHI DAYANAND UNIVERSITY, ROHTAK, HARYANA

Sunder Singh, Maharshi Dayanand University
4:00pm–5:00pm, Capital C

A steep escalation is observed in Electronic Thesis and Dissertations' (ETDs) Repositories throughout the world during the last few years. This increase in ETDs is transforming the way of learning, research and scholarly communication in academic institutions and their scholars. ETDs underpins research and national development, hence, there was a need to setup an ETD at our institutional level. The transformation from print to electronic theses and dissertations has brought new attention to the researchers. Theses and dissertations are considered original research works in every university. The quality of research is also a key criterion while measuring the repute of any academic institution. This paper focuses on the practical problems faced during implementation of this project. We faced many challenges to implement this project but we took it as an opportunity. It highlights techniques to seek knowledge using various software packages. The authors highlight the experiences in developing ETDs and experiments with knowledge discovery software packages. Furthermore, the paper explores the extent to which academic libraries are grappling with the emerging genres of ETDs, for example, the use of linked data to enhance discoverability. The paper also make recommendations to implement the ETDs to enhance effective utilization of ETDs and knowledge discovery.

This paper skillfully explores the workflow of making inventory, selecting the theses for digitization, unbinding, scanning, OCRing, formatting, quality checking, converting to secured PDF-A format, binding of theses, uploading into IR(Institutional Repository) and Shodhganga. The success of this innovative project has helped in making the mandatory submission of the Ph.D. thesis possible to the Vivekananda Library at MDU, Rohtak in desired PDF or MS-Word format to protect this important research treasure of the University.

ETDs IN LANGUAGES OTHER THAN PORTUGUESE AT PUC-RIO

Ana Beltran Pavani, Pontifical Catholic University of Rio de Janeiro
4:00pm–5:00pm, Capital C

This work addresses the analysis of ETDs presented and published in languages other than Portuguese (pt-BR). Publishing ETDs is foreign languages is a practice that started about 10 years ago while some graduate programs are older that 50 years and ETDs began in 2000.

Two aspects are focused–the languages and their numbers in the collection and the profiles of accesses when compared to ETDs written in Portuguese.

NATIONAL LEVEL ETD EFFORTS IN SHODHGANGA, A PLATFORM OF RESEARCH OUTPUT IN INDIAN UNIVERSITIES: A COMPARATIVE STUDY

Sukanta Kumar Patra, Jadavpur University; Mousumi Das, Techno India University
4:00pm–5:00pm, Capital C

When a university considers the option of requirement for Electronic Theses and Dissertations (ETDs), the library can take the opportunity to address a whole cadre of issues and responsibility. The paper analyses to the ETDs deposited at INFLIBNET (Information and Library Network) Centre, Gujrat, India. Namely, the project of ETDs is 'Shodhganga'. The Shodhganga @INFLIBNET Centre provides a platform for the research

scholars of the Indian universities to deposit their doctorial theses and make it available to the entire scholar community. The repository has the ability to capture, index, store, disseminate, and preserve ETDs submitted by the researchers. An ETD project team should include representatives from relevant and interested groups. These may include representatives from the university library, students, relevant departments related to higher studies program, IT support departments, and faculty. The work of such a composite group will be a collaborative effort, with cooperative association among a variety of people from Indian Universities and INFLIBNET Shodhganga.

The major objectives of the study are to analyse the contributions of ETDs by top five universities in Shodhganga project and also to investigate the contribution of these uploaded theses by the top five universities with their top five departments. Data for analysis has been collected from Shodhganga server/web site. As on January 2017, it is found that 116237+ theses have been deposited on various disciplines by the 280 Indian universities. We mainly consider top five universities, ranked by INFLIBNET Shodhganga project, in our study, and further analyse the contributions of top five departments of the five universities, individually. It is found that the top five Universities have contributed 25548 theses (near about 22% of the total uploaded theses) in the repository. In this study, we found that Punjab University has contributed 6452 theses, which is 5.55% of the total uploaded theses in the Shodhganga, and it placed first rank among the 280 universities. It is further found that Aligarh Muslim University has contributed 6376 (5.49%) theses and occupied second rank. It is also indicated that Jawaharlal Nehru University has contributed 4601 (3.96%) and secured third rank. Dr. Babasaheb Ambedkar Marathwada University has contributed 4102 (3.53%), and Karnatak University has contributed 4017 (3.46%) theses.

EXPLORATORY PRACTICE ON ETDs FOR BETTER INFORMATION LITERACY

Hepsibah Sharmil Francis, Rama Vaidyanathan: DR.A.P.J. Abdul Kalam Centre of Excellence for Innovation and Entrepreneurship, Dr.MGR Educational and Research Institute University; Prathap Das, Anindita Sengupta: ProQuest
4:00pm–5:00pm, Capital D

Electronic thesis and dissertation (ETD) are very useful in the research enterprise, particularly since much of the information presented in ETDs is not subsequently available in journal articles or monographs. However, in many universities, research using ETDs remains infrequently addressed. As a result, ETDs are not accessed, by researchers, which creates an information gap. Though many are familiar with the academic databases, there is a lack of information and awareness of ETD access points. This session will provide the results of a large-scale research study conducted from February – June 2017 among supervisors, librarians and doctoral program candidates to understand how researchers in India use ETDs as part of the research process. This first of its kind research will also provide an overview of how ETDs are used today as part of the academic research enterprise. Recommendations from this evidenced-based research will enable higher educational institutions and online programs to integrate information related to ETDs as part of literacy support for incoming scholars and students.

DISCOVERING ELECTRONIC THESES AND DISSERTATIONS OF SCIENCE AND TECHNOLOGY INSTITUTES IN INDIA

Tukaram Kumbar, Indian Institute of Technology
4:00pm–5:00pm, Capital D

Theses and Dissertations serve as valuable sources of primary information. As these are unique and submitted as part of academic requirement, information about them is not easily available or accessible, unless respective libraries and national agencies like INFLIBNET make an effort to digitize and make them available for wider access. With the implementation of information technology in libraries, World Wide Web serving as a platform to publish and access, and Open Access Initiative as way to share information, the access to theses and dissertations has undergone a sea change.

The present study being undertaken by the authors uses a survey method for collecting the data with regard to different aspects including current status of ETDs in these 50+ Institutions, their accessibility, standards and policies followed, future plans, contributions to national and international databases etc. In addition, a systematic effort is also being made to collect relevant data from online catalogues, websites, institutional repositories of respective libraries and other possible sources to find out as to what extent the information about the holdings of ETDs is discoverable from outside these institutions.

Based on the data collected through different methods, authors would like to come out with a proposal to create a system where all libraries will participate willingly by agreeing to follow a common policy and create records using common metadata standard (Dublin Core), implement OAI-PMH protocol and facilitate harvesting the data through online catalogues and IR/ETDs. The central index, which will harvest the metadata from the participating libraries, will serve as one point access to the users from within and outside India. While participating libraries will share the metadata, they can maintain full text of each ETD on their own server and provide access, based on their institution policy. Based on the data collected, authors would also like to explore the possibility of participation in the already existing national level systems like Shodhganga.

ENSURING ZERO PLAGIARISM THROUGH APA CITATION STANDARDS, A GENUINE ORIGINALITY EXPECTED TO THE DOCTORAL THESES: INDIA SCENARIO

Surendra Kale, J.D. Patil Sangludkar Mahavidyalaya College
4:00pm–5:00pm, Capital D

The Indian Government through its apex higher educational establishments have severe concerning of plagiarism through various regulations to the country's large higher education system. Currently India has 789 universities and university level institutions (as on 22/02/2017) among them 35% are energetic producing annually 22,849 doctoral theses. Further, this figure of doctoral theses goes up to 50 to 60 thousand by extrapolation of different statistics. "UGC India issued a regulation described minimum standard and procedure for award of M.Phil and Ph.D. degree regulation 2016". It supersedes to the regulation 2009 mandate that "the academic council or its equivalent body of the Institution shall evolve a mechanism using well-developed software and gadgets to detect plagiarism and other forms of academic dishonesty. While submitting for evaluation, the dissertation/thesis shall have an undertaking from the research scholar and a certificate from the research supervisor attesting to the originality of the work, vouching that there is no plagiarism and that the work has not been submitted for the award of any other degree/diploma of the same Institution where the work was carried out, or to any other Institution" (UGC,2016) This

regulation not defined adequately what is "no Plagiarism" but probably indicate that it should have within normal limit of 15% in consideration of fair use under Indian copyright act 1957 and normally needed for writing review of literature, so hypothesis is set that zero plagiarism may be possible through American Psychological Association citation guide followed in an appropriate manner can reduces plagiarism up to zero tolerance percentage if exclusion of small similarities while scanning text.

There are 129,165 (as on 28 Feb. 2017) doctoral theses are hosted in Shodhganga national repository maintained by the INFLIBNET (an inter-university centre of UGC, India) contributing from among 280 universities of which sample of some theses written in English language and hosted in this repository have been selected for the analysis of the study from 280 contributing universities in respect of the theses followed standard citation. The primary result shows that APA standard is more prominent in Indian universities for citing the source for evidence and validation and measure to maintain the uniqueness of documents.

TUESDAY, AUG. 8
11:00AM – 12:00PM

MULTIMEDIA AND NON-TEXT RESEARCH IN THESES AND ETHOS WEBSERVICE

Coral Manton, Plymouth University, British Library EThOS
11:00am–12:00pm, Capital B

This presentation will report findings on a research project by Coral Manton, doctoral researcher at Plymouth University, on behalf EThOS at the British Library.

The British Library has identified a growing trend towards PhD students producing multimedia and non-text research outputs. Some students are able to include these outputs in their thesis but generally in appendixes. The British Library is constantly discovering media formats, such as floppy disks, cassettes, C/DROMS, within bound theses coming in to be digitised and an increasing variety of file formats in electronic theses. The inclusion of multimedia work is dependent on thesis format guidelines decided by individual universities – and to some extent the practicalities of handling big data, software etc. This means that for many PhD students recording multimedia outputs, in the way they would choose, is not possible and compromises must be made. This often means representing multimedia work in descriptive text or low res images. Many PhD students and supervisors are showing a desire to rethink the traditional thesis to include multimedia research including video, audio, data, games, apps and web pages. This research suggests that introducing new media into the thesis, it opens up research to a wider audience and the thesis becomes more efficient in disseminating knowledge in the most efficient way possible reflexive of contemporary research practices.

EThOS is the UK's national theses service, managed by the British Library. EThOS aims to bring together a record of all doctoral theses awarded in the UK. The service works closely with university libraries. EThOS provides researchers with the opportunity to search over 90% of UK theses, current download figures for EThOS suggest that potentially one in four theses are downloaded every month and through the website UK research is now instantly disseminated around the globe. As we shift theses from bound volumes to digital downloads the possibilities for innovation seem endless. Yet for librarians, storing and making accessible multiple file formats in an ever-changing digital landscape, poses a tremendous challenge.

This presentation reports on a research project by the British Library to explore these issues and opportunities for the EThOS web service to adapt to meet the challenge of supporting pioneering PhD research. The initial approach has been to engage UK PhD candidates and academics from a broad range of disciplines working in innovative digital technologies, gathering evidence through interviews, workshops and case studies – available on the British Library website. This presentation will report on findings, revealing a desire and necessity to communicate university research in the best format possible, pushing innovation in theses by exploring methods of multimodality and multilinearity. It will suggest methods for students, supervisors and libraries to work together to prepare for evolution in digital theses. This presentation will discuss the role of EThOS and the British Library in supporting change - as a national research hub, custodian and advocate. This presentation will reflect on the need for libraries to facilitate academics to display their research efficiently to a growing audience reflexive of contemporary research practices.

DISSEMINATING SCHOLARLY RESEARCH THROUGH PU@ETD: ISSUES AND CHALLENGES

Navjyoti Dhingra, Panjab University; Seema Vasishta, PEC University of Technology; Rajiv Kumar Vasishta, Independent Consultant LIS
11:00am–12:00pm, Capital B

India has over 789 universities including 359 State universities, 123 deemed to be universities, 47 central universities, 260 private universities and 74 academic institutions of national importance. Most of these institutions, offer Masters and PhD programs in different disciplines. In each of these institutions dissertations and theses have been submitted by the students as a part of their academic requirement. Over a period of time, libraries in these institutions have developed a huge collection of theses and dissertations in printed form. In most of the libraries, access to this scholarly work is restricted to their own institution. As a result most of the academic research work carried out is not prominently visible or accessible to the outside world, which may have led to some amount of duplication in research work. Possibly, this may have also contributed to lesser citations and petite impact of the research work done in these premier institutions at the international level. So there exists a gap between what is available in these libraries and what is discoverable and usable by outside world. In India, UGC vide minimum standard and procedure for the award of M.Phil./Ph.D. degree regulation 2009, has mandated electronic submission of theses and dissertations under Open Access in its repository-Shodhganga. The e-theses repository known as Shodhganga has been created by Information Library Network Centre, Ahmadabad. GOI and different higher education authorities here have started making serious efforts to enrich and update the National ETD repository 'Shodhganga' and National Research in-Progress repository 'ShodhGangotri' by making the ETDs submission mandatory and by issuing guidelines for universities and other higher education institutions from time to time. Keeping in view the above objectives Panjab University, Chandigarh has created its own PU@ETD repository of ETD, which can be accessible through Shodhganga as well as PU Intranet. This paper will discuss issues and challenges faced while creating PU@ETD repository and also highlights possible benefits of the repository.

PRESERVING INTELLECTUAL CAPITAL: A ROADMAP FOR DEVELOPING ETD & INSTITUTIONAL REPOSITORY FOR PEC UNIVERSITY OF TECHNOLOGY, CHANDIGARH

Seema Vasishta, PEC University of Technology; Naviyoti Dhingra, Panjab University; Rajiv Kumar Vasishta, Independent Consultant LIS
11:00am–12:00pm, Capital B

Libraries are expected to provide perpetual archival access to the information available. Open access initiatives have evacuated obstacles of accessing scholarly literature with additional benefits of avoiding

replication of research work and curbing plagiarism. ETD & Institutional Repository (IR) apart from helping to exhibit the growing range of research publications in the scenario of increasing assessment of research quality and impact, act as a platform for improving scholarly communication. An Institutional Repository is an archival database, with a set of services to capture, store, index, preserve and redistributing an institution's intellectual capital in digital format. Academic institutes of developed countries are already reaping its rich benefits. With a strong opinion that Indian Universities should also take a decision and make strong commitment to develop IRs, PEC University of Technology is planning to develop ETD& IR to preserve its intellectual capital. This paper would discuss policy framework for developing IR@PEC University of Technology, Chandigarh. It is envisaged that an IR should effectively manage e-thesis as well as to have a comprehensive overview of the research output.PEC University of Technology formerly Punjab Engineering College (PEC) holds the pride of being one of the first ever technological institutions in India and has a glorious past which is about a century old. PEC University of Technology, a notified deemed university by Govt. of India in 2003 offers graduate, post-graduate and doctoral programs in nine branches of applied sciences and engineering disciplines.

This roadmap is to be strategically planned as the ETD & faculty research output will continue to grow and their repository is to be backed by sustainability plan for digital asset management. An initial policy framework needs to be developed keeping in view the available resources. As the project would unfold, these strategies would be modified. It is a critical decision which software to choose to meet the organisation's mission and objectives. The paper discusses various features of OSS packages are available to build an IR like C/DSware, DSpace, Eprints, Fedora, Greenstone etc. The philosophy behind choosing an OSS is also highlighted, as it is a cost effective alternative as compared to high priced propriety software due to budget constraints. Furthermore, an OSS is backed by community involvement in development and maintenance of software. An important point is tackling copyright infringement issues, the faculty of PEC University of Technology would be persuaded to provide pre-prints of their publications. In order to include ETD, it would be made mandatory to submit thesis and dissertation in electronic form. Formal training program for faculty for self-archiving would be organised from time to time. This paper would also strategically formulate policies to propagate this repository. ETD & IR is the one and only way to make the whole world knowing the esteem of a university. With access to IR, the scholars will be able to find, read the literature, reviews of their peers and global knowledge sharing is also possible.

CREATIVE WRITING AND ETDs FROM 3 PERSPECTIVES: A CAMPUS, A PROFESSIONAL ASSOCIATION AND A DISSEMINATOR

Marlene Coles, ProQuest; Valeria Caviness, University of North Carolina Greensboro; David Fenza, Association of Writers and Writing Programs
11:00am–12:00pm, Capital C

The purpose of this panel discussion "Creative Writing and ETDs from 3 perspectives: a campus, a professional association, and a disseminator" is to examine the research and the current status of the debate regarding the needs of dissertation authors in the field of Creative Writing.

It has been almost 10 years (March 13, 2008) since the first high profile article appeared in "The Chronicle of Higher Education" surfacing the concerns of Creative Writing authors and their faculty. The tensions flared up on campuses across the country in the intervening years regarding "open access" dissemination, institutional policies and post-graduation professional opportunities of dissertation authors in other disciplines as well. Along with Creative Writing, similar concerns have been raised by faculties in History and History of Art programs also.

The panelists in this session will share several perspectives with the audience. The representative from the graduate school at the University of North Carolina, Greensboro will share the UNCG experience with their effort to respond to their Creative Writing authors and faculty resistance to the initial newly proposed "open access" policy on UNCG's campus. She will detail how the tensions were resolved and share current conditions as they pertain to author, faculty, library and administrative alignment with existing policy, practice and procedures. The representative from the long-term aggregator and disseminator of dissertation material will be summarizing the research covering the topic of Creative Writing authors and their needs in the age of open access. This presenter will also share some related dated

The representative from the Association of Writing Programs will bring an historical perspective to emergence of campus tensions. With his organization convening a national conference every year, along with his opportunities to speak in a variety of venues and visit campuses, he will have broader and deeper view of the where things stand today.

INSTITUTIONAL REPOSITORY, DIGITAL THESES AND RESEARCH DATA FOR IMPROVING VISIBILITY: THE CASE OF THE PERUVIAN UNIVERSITY FOR APPLIED SCIENCES

Libio Huaroto, Miguel Saravia Lopez de Castilla, Liliana Eléspuru Briceño, André Maguiña-Ballón, Agnes Dibos Muñoz, Said Castro: Peruvian University of Applied Sciences
11:00am–12:00pm, Capital D

In the last three years, Peru has gone through changes in the process of strengthening and disseminating open access, especially regarding digital theses and research or governmental data. Enactment of Law 30035, which establishes and regulates the Open Access National Digital Repository of Science, Technology and Innovation; the Regulations of the National Registry of Research Papers Submitted for Academic Degrees and Professional Titles, RENATI; the National Strategy for Open Governmental Data, Peru 2017-2021; and the Peruvian Open Governmental Data Model constitute all a legal framework that fosters open access.

Within this context, since 2013 the Peruvian University for Applied Science, UPC, has implemented policies aimed to foster open access to academic and scientific information, as well to support the use of interoperable technological platforms. As a result, in March of 2013, the UPC Academic Repository was published. And, recently, UPC adopted as mandatory the open access publication of bachelor's and master's theses. In the last three years, the UPC Academic Repository ranked among the top in the Webometrics Repositories (Peru), and showed a significant improvement at the Latin American and World level:

- At the national level, it went from being ranked 13th in January 2013 to 3rd in January 2017.
- Worldwide, it went from being ranked 1,516th in January 2013 to 849th in January 2017.
- In Latin America, in January 2017 it was ranked 62nd among 217 repositories.

All actions implemented have been complemented with the following strategies: the open access publication of the theses-related data; the use of diverse metadata standards —Dublin Core Qualifiers, ETD-MS, DRIVER 2.0 and OpenAIRE—; the use of the OAI-PMH interoperable protocol; the implementation of identifiers of digital content —DOI and Handle— and identifiers for users —ORCID and Google Profile—; and curation of digital content.

Future activities will be oriented to increase visibility of the UPC repository contents. To this end, we have proposed the following: to

use DOI in bachelor's and master's theses; increase the number of bibliographical records for theses and their data; monitor and assess consultations to UPC theses as shown by national repositories ALICIA and RENATI; and, finally, implement an automated system for managing theses integrated into the UPC Academic Repository.

MAPPING THE LANDSCAPE OF ETDs IN IRS: RESULTS FROM THE INSTITUTIONAL REPOSITORY POLICY SURVEY

Christy Shorey, G.W. Swicord, Jr.: University of Florida
11:00am–12:00pm, Capital D

In 2016, the Institutional Repository (IR) Manager at the University of Florida (UF) undertook a project to review existing policies of the IR@UF and complete an environmental scan of peer institutions to determine best practices in terms of IR policies. This poster highlights responses that address ETDs and related works, such as supplemental materials and other student terminal projects, within institutional repositories. With over 95 respondents from across the globe, these survey results provide a snapshot of where ETDs fit within IR collections now, and may indicate trends of where they are headed in the future, as both IRs and ETDs continue to grow and face new challenges.

TUESDAY, AUGUST 8TH 12:00-1:30 PM

INDEPENDENT PUBLISHING: RETURNING CONTROL TO ACADEMIC AUTHORS & INSTITUTIONS IN ALL STAGES OF THE ACADEMIC LIFE CYCLE

Daniel Berze, Glasstree Academic Publishing
12:00pm–1:30pm, Capital A

Independent publishing, no longer a 'pioneers' publishing option, has progressed to provide academics and their supporting institutions with a legitimate publishing option, issuing authors with the tools and services to regain control of all aspects of publishing process, from copyright, pricing/royalties, ancillary services to distribution and PR. This presentation will review the advantages of independent publishing throughout the academic life cycle (with specific focus on young academics aiming to publish their theses and dissertations), as well as from an institutional perspective.

TUESDAY, AUG. 8 1:30PM-2:30PM

CHALLENGES AND OPPORTUNITIES: UNDERGRADUATE HONORS THESES IN THE IR@UF

G.W. Swicord, Jr., Christy Shorey: University of Florida
1:30pm–2:30pm, Capital B

In 2014, stewardship of the undergraduate honors theses collection at the University of Florida changed hands from the Honors Program to the George A. Smathers Libraries. The Institutional Repository at the University of Florida (IR@UF) was already home to the graduate level electronic theses and dissertations and non-thesis projects, and seemed like a natural fit for this newly inherited collection. However, as the undergraduate works did not conform to the existing ETD structures and workflows, incorporating them into the IR@UF has not been an effortless process.

In addition to trying to fit the square peg of undergraduate honors theses into the round hole of graduate ETD workflows, other challenges arose, including the varying thesis requirements, set at the college or even department level, and inherited restriction options unlike those offered to other items in the IR@UF.

This presentation covers the history and continuing evolution of the role of the IR@UF in collecting undergraduate honors theses, and a comparison of that work with the processes for handling graduate terminal projects. It will also highlight the challenges that IR staff have faced in effectively communicating, and enforcing, submission procedures with students who are weeks away from graduation. Finally, we will discuss current efforts to streamline and automate the collection of undergraduate honors theses. If successful, the automation process will provide a model for handling a variety of other undergraduate submissions, such as research symposium posters, conference presentations, and capstone projects, and may even affect how we handle graduate Projects In Lieu of Theses.

HOMETOWN ETDs MAKE IT TO THE BIG TIME: THE COLLECTIVE POWER OF COLLABORATION AND CONSORTIUMS TO CONNECT

Stephanie Larrison, Texas State University; Emily Flynn, Ohio Library and Information Network (OhioLINK); Teresa Green, University of Toledo; Billie Peterson-Lugo, Baylor University
1:30pm–2:30pm, Capital C

Though their structures are very different, OhioLink and the Vireo Users Group both serve diverse constituencies and aim to provide ETD workflow solutions that serve a wide range of institutions, both successfully bringing thousands of ETDs online via publication to institutional repositories each year. While OhioLink enjoys the support of state government and an existing consortial environment, the Vireo Users Group is a national informal entity centered around an Open Source Project based out of Texas.

In this panel, we will discuss the forces that led to the creation of our respective workflow tools, how we maintain the community around our software, manage and update the systems, the challenges we face and how we hope to continue moving forward.

PASSIVE ORCID ADOPTION IN ETDs AT RESEARCH UNIVERSITIES

Shelley E. Barba, Texas Tech University; Colleen Lyon, University of Texas at Austin; Santi Thompson, University of Houston
1:30pm–2:30pm, Capital D

As ETD programs adopt unique persistent identifiers for scholars, it is valuable to understand where outreach efforts should be best spent. This study looks at how graduate students adopted ORCiD identifiers at three medium-to-large public research institutions in Texas – University of Texas at Austin, University of Houston, and Texas Tech University. These universities have a wide range of graduate studies in sciences, humanities, and social sciences. The focus of this study is on the influence of department culture and committee advisors on graduates to adopt scholarly communication tools and standards leveraged in academia. Unlike at other peer institutions, when these three libraries enabled the capture of ORCiD ids as authors submitted their theses and dissertations, there was not an accompanying marketing effort to graduate schools or students explaining what ORCiD was. In fact, the ones captured were not influenced by a requirement of graduation nor library policy. Along with our sharing our findings, we will demonstrate our methodology so others can mine their collected metadata to tailor their marketing efforts on other scholarly communication tools.

POSTERS
2:30PM-4:00PM, CAPITOL FOYER

WHY OPEN ACCESS OR NOT?
Yi Shuan Huang, National Taiwan University; Lee Chen Chen, Bao-Tzuoh Huang: National Ilan University

EVOLVING ETD PROGRAMS: BEST PRACTICES TO FACILITATE CONTENT CREATION, FORMATTING, REVIEWING, PUBLICATION, AND PRESERVATION
Larry Tague; Shirley Hancock: University of Tennessee Health Science Center

TRENDS IN THE USE OF AUTHORSHIP TOOLS FOR DISSERTATIONS AT CALTECH
Katherine Johnson, California Institute of Technology

SCIENCE AND TECHNOLOGY THESES IN SHODHGANGA: ANALYTICAL STUDY
Manoj K Kumar, Archita M Muchhadia, Information and Library Network Centre (INFLIBNET)

EMBARGO PERIODS AND EXTERNAL PUBLICATION FOR HISTORY DISSERTATIONS
Midge Coates, Auburn University

ETDs ON OPPOSITE COASTS: COMPARISONS AND CONNECTIONS BETWEEN TWO PRIVATE AMERICAN UNIVERSITIES AND THE TRANSITION FROM PRINT TO ELECTRONIC THESES AND DISSERTATIONS
Michele Gibney, Jaime Goldman

TUESDAY, AUG. 8
4:00PM-5:00PM

OHIOLINK ETD CENTER USERS GROUP MEETING
Emily Alinder Flynn, OhioLINK
4:00pm–5:00pm, Capital B

The OhioLINK Electronic Theses and Dissertations (ETD) Center serves over 30 institutions and their students in Ohio and contains 73,000+ open access ETDs. This session will mainly be a discussion with current institutional users of the OhioLINK ETD Center about the functionality, use, and enhancements. Others who are interested in learning more about the ETD Center are welcome to attend as well. OhioLINK's Emily Flynn will provide a brief update, facilitate discussion, and answer questions about the OhioLINK ETD Center.

ETD ADMINISTRATOR USER GROUP MEETING
Austin McLean, ProQuest
4:00pm–5:00pm, Capital C

Join ETD Administrator users from around the world for an interactive and lively discussion about how to get the most from this ETD submission and management resource. Users will share their experience with new features, such as improved workflows and Creative Commons as well as discuss best practice use-cases for other features and functionality. Learn about upcoming enhancements and put your "wish list" forward for new features. Austin McLean, Marlene Coles, Scott Bourns and Theresa Laveck will facilitate the discussion with audience members.

VIREO USERS GROUP MEETING
Stephanie Larrison, Texas State University; Billie Peterson-Lugo, Baylor University
4:00pm–5:00pm, Capital D

The Vireo Users Group guides the development of the open-source Vireo software application and provides an avenue for the exchange of information about Vireo needs, and utilization.

This meeting will serve as an opportunity to share information on the challenges of developing a highly customizable system, Vireo 4, and the challenges of sustaining an open source software community. Attendees will learn about contributions from the people and institutions supporting Vireo and our group will discuss where we go from here.

Anyone currently using or interested in using Vireo for managing submission and publication of theses and dissertations is welcome to attend. More information about the Vireo Users Group is available on the VUG website at http://vireoetd.org/.

TUESDAY, AUG. 8
5:00PM-6:00PM

NDLTD COMMITTEE MEETINGS
Edward Fox, NDLTD Board Members
5:00pm–6:00pm, Capital C

Come join NDLTD Board members and committee Chairs to participate in discussions on NDLTD projects and how you can get involved. The discussion will be led by Edward Fox, NDLTD Executive Director. Conference attendees invited to attend.

WEDNESDAY, AUG. 9
WORKSHOP
9:00AM-12:00PM

MANAGING AND PRESERVING DATA AND COMPLEX DIGITAL OBJECTS WORKSHOP
Katherine Skinner, Sam Meister: Educopia Institute
9:00am–12:00pm, Capital C

In a 2014 survey of 795 graduate students across nine U.S. universities conducted by the ETDplus project team, more than a third of respondents reported that non-PDF files created in their thesis and dissertation research process - including research data, video, digital art, and software code - are either as important or more important than the PDF as research outputs and evidence. Only 20% of these respondents reported that they were not

Recent reports, workshop evaluations, projects, surveys, and focus groups have indicated that internationally, colleges, universities and ETD/IR programs of all sizes are requesting and in need of generalized yet adaptable guidance documentation, shared curation technologies, and corresponding training materials to bridge the preservation and curation gap for these valued scholarly assets.

This three-hour workshop will help ETD program administrators and the libraries that support them to understand and address students' needs to ensure the longevity of their research outputs. Together in the workshop, we'll discuss current and near-future needs and ways that ETD programs can help to narrow the gaps in knowledge, expertise, and infrastructure for our students.

The workshop will draw upon research and content produced in the

IMLS-funded "ETDplus" project (Educopia, 2014-17) including its openly reusable and adaptable, student-oriented Guidance Documents and workshop series, and also a prototype tool built in Hydra Sufia that is designed to support student ETD supplementary materials submission.

Learning Objectives include:

• Broaden and deepen familiarity with emerging methods and tools to support students' digital object management.

• Anticipate the impact of expanding research formats and materials on lifecycle management practices for ETD programs.

• Understand what other institutions are doing to support students in managing (or learning how to manage) their research outputs.

• Practice using a prototype tool designed to support student ETD supplementary materials submission.

WEDNESDAY, AUG. 9 BREAKOUT SESSIONS 9:00AM-10:00AM

WHEN THE DISSERTATION IS NOT THE MAIN EVENT

Sally Evans; Jeri Wieringa: George Mason University
9:00am–10:00am, Capital A

The idea of the thesis/dissertation is evolving. Historically, the document itself has garnered the lion's share of the attention: the compendium of research, study, and analysis performed over the course of years holds value. This artifact is the reason students receive their degrees; it is the culmination of effort. Any other material submitted is "supplementary."

But what about an amalgam of the two?

Jeri Wieringa, former Digital Production Lead at George Mason University, and Sally Evans, Mason's Coordinator of University Dissertation & Thesis Services, examine the intersection.

With her dissertation, Wieringa raises a number of challenges to the existing thesis and dissertation guidelines, which were developed for print (and print facsimile) mediums.

As a representative of the university, Evans must ensure that the dissertation adheres to the longstanding formatting guidelines, and must address issues regarding dissemination and long-term preservation concerns for the digital interface.

The amount of data that results from the analysis also presents interesting challenges for traditional presentation methods. Using web-based solutions, it is possible to create visualizations that enable readers to interact with the data display, to focus on particular features, and to interrogate the descriptive presentation of the data results to a greater extent than is possible with traditional charts and graphs. These types of visualization require a digital or computational interface for the dissertation content and to the extent that they are part of the argument of the dissertation, should be integrated with the whole of the text, rather than included as a digital "appendix."

TRACING OUR GLOBAL CONNECTIONS: A BIBLIOGRAPHIC ANALYSIS OF UNT DIGITAL LIBRARY ITEM USAGE AMONG GLOBAL ETDs

Pamela Andrews, Daniel Alemneh, Karen Harker, Janette Klein: University of North Texas
9:00am–10:00am, Capital D

As the outcome of a successful graduate program, electronic theses and dissertations signal current trends of research emerging from graduate programs as well as the quality of research a student may continue into their post-graduate career. These manuscripts codify sources of scholarship necessary for both the work at hand and for future studies in the field. As students increasingly rely on digital sources of scholarship, these sources play a role in transforming both the content and the form of student scholarship. In order to map and mine these global connections, the authors present a bibliographic analysis for ETDs citing items from the University of North Texas Digital Library, which includes the Portal to Texas History.

The content that now encompasses the UNT Digital Library was first made publicly available in 2004. It has evolved over time to include dissertations and theses produced by UNT students, both current and past, scholarly outputs including presentations, reports, creative objects, pre-print articles, and The Portal to Texas History, a collection of digitized archival material gathered from across the state. UNT Libraries also takes a role in Internet preservation by collecting and archiving UNT web domains, government websites, and other web content. UNT Libraries ranks in the top 10 of North American digital repositories and in the top 20 worldwide. As proponents of open access, our materials are easily found through major Internet search engines, allowing us to support lifelong learners worldwide.

The goal of this project is to understand the global impact of UNT Digital Library collections on electronic theses and dissertations worldwide. As the UNT Digital Library contains numerous types of scholarship, this would allow us to understand ETD use of both traditional and non-traditional scholarship types. In doing so, we seek to answer these research questions:

1) What disciplines are citing UNT Digital Library items through their ETDs?

2) What kinds of global connections have developed through ETD usage of UNT Digital Library items?

3) How has UNT Digital Library scholarship cited by ETDs changed over time?

Our method entails searching a sampling of ETDs from randomly selected top institutions worldwide for use of URLs to UNT digital library items. Although UNT was an early adopter of online publication of theses and dissertations, dating back to 1999, the earliest year an ETD could have made use of other UNT Digital Library Materials is 2004. For this study, we will analyze ETDs from 2004 to 2016, using a random sampling of ETDs at 2-year intervals.

Attendees will learn how this method was developed, and how they can apply it to their own institutional digital collections. This data can be used by graduate school administrators and institutional repository librarians to understand trends of change in the types of scholarship used by students. In this panel, we will discuss our methodology and preliminary results.

WEDNESDAY, AUG. 9 BREAKOUT SESSIONS 10:15AM-11:15AM

THESIS AND DISSERTATION BOOT CAMP

Emily Redd, Virginia Foley: East Tennessee State University
10:15am–11:15am, Capital B

The School of Graduate Studies at East Tennessee State University started the first Thesis and Dissertation Boot Camp program in the fall of 2012 by organizing a team of dedicated faculty and staff to help promote the Boot Camp and to run its sessions. Boot Camp at ETSU has since had great success with participation, positive student feedback, and student success. We have had 268 total registrations and 178 unique participants in Boot Camp from all stages of the writing process and of those who were close to finishing, 94 have graduated, many of whom have credited the Boot Camp program with their success. We advertise

to all ETSU graduate students, local and regional institutions, and although they were always welcome, we have recently expanded our advertising to Capstone Project students. Students from all of these groups have participated.

Boot Camp provides dedicated space and time to write free of distractions, with a variety of resources in the same room or just steps away. In this presentation, I will detail how, what, when, and who is involved in setting up and running our boot camps and provide an overview of our optional mini-workshops that are offered during each session. I will also provide an update on how our boot camp has evolved over the past five years and share some data that I am currently working on correlating boot camp attendance with graduation rates. Boot Camp models at other institutions will also be presented for comparison along with tips for setting up a boot camp at your institution.

Another update for this presentation is a personal one. I would like to credit Boot Camp for my own professional growth. Working with boot campers through personal, professional, and academic challenges has tested my ability to be a leader and inspire others to persevere. Boot Camp continues to be a source of pride for me and the School of Graduate Studies at ETSU and I would love the opportunity to share the program again with representatives from other institutions.

CREATION OF DYNAMIC ONTOLOGIES FOR GRAPHICAL REPRESENTATION IN USER INTERFACE USING NEON IN SHODHGANGA

Manoj K Kumar, Information and Library Network Centre (INFLIBNET)
10:15am–11:15, Capital D

In the world of WWW, a lot of Information is defined as uncoordinated or disorganized. It is always preferred to rely on authentic information sources for the knowledge recovery. PhD is conducted in Indian Universities by rigorous research and the result of the findings with rich and unique source of information are known, as Theses and Dissertations (ETDs) .Softcopy of such theses are stored in electronic form in Shodhganga. To make best effort and finding unique knowledge source from vast repository of Shodhganga on public access mode is very essential to avoid delay in reaching right content. "Shodhganga" facilitate research with its repository of digital Theses, dissertations and made available in open access to academic community Worldwide, which is managed by INFLIBNET Centre.

If related data is linked with each other using ontologies from a database, it is possible to generate graphical representation of knowledge snippets using ontologies, so that researcher can easily reach proper knowledge content. KC-Viz is a Neon plug-in which is very useful to create visual form of ontology in a graphical form. But proper integration needs lot of customisation in metadata and specific XML creation.

NeOn toolkit is a multi-platform ontology editor, which support the development of ontologies in OWL/RDF where RDF used for describing resource in the web and XML is designed to store and transport data using Eclipse platform. KC-Viz plug-in used for the NeOn toolkit which uses both automatic and manual methods for generating and modifying graphical user interface of ontologies for Shodhganga.

EXPLORING OPEN SOURCE SOLUTIONS IN THE MANAGEMENT OF ETD PROCESSES

Chetan Sudhakar Sonawane, KMC College
10:15am–11:15, Capital D

ETD, which refers to the Electronic version of Theses and Dissertation, is the outcome of researcher's scholarly work at the Master and Doctoral degree level respectively. With the advancement in ICT's (Information and Communication Technologies) almost all kinds of research material is available online. ETDs are not exception to this; digital repositories of developed and developing countries are mushrooming, which in turn will foster research. Open Source Software solutions has played a great role in providing wider access to research work by enabling Open Access. Various Open Source Software's (OSS) are available out of this, which one to choose is the real bottleneck. Some of the remarkable solutions are DSpace, e-Prints, Fedora, ETD-db etc. Most of the available ETDs are metadata driven and facilitates the search based on metadata entered. Some new Open Source solutions are being made available in recent years, which include Islandora, ABC/D ETD, Hydra repository etc. The big challenge the ETDs are facing is of metadata enhancement. The Network Digital Library of Thesis and Dissertation (NDLTD) has formed an international consortium and is an organization dedicated to promotion, adoption, creation, use, dissemination, and preservation of ETDs. NDLTD adopted an interoperable ETD metadata standard (i.e. ETD-MS) in 2001, which was based on Dublin Core. There are several limitations of the metadata fields that are essential in the management process of ETDs in the widely used Open Source Software's like DSpace, e-Prints, Fedora, ETD-db and Islandora. Additional tools and platforms have emerged to support the various component of submission and distribution process. There is a need to explore adding more solutions to current genre of Open Source ETDs like discovery solutions, artificial intelligence, recommender system and any other relevant solution so as to make enable the wider dissemination of research work.

IMPLEMENTATION OF PU@ETD: ISSUES AND CHALLENGES

Raj Kumar, Neeraj Kumar Singh, Navjyoti Dhingra: Panjab University
10:15am–11:15, Capital D

Quality of a University is reflected by the quality of its intellectual output i.e., theses and dissertations, research papers, patents, etc. The fruits of research especially theses and dissertations are under-utilized as the access of print theses and dissertations are limited and restricted for researchers to their own institution. The advent of information and communication technology (ICT) has offered librarians the opportunity of preserving and disseminating theses and dissertations in an electronic format through the electronic theses and dissertations (ETDs) movement. Now a day the free-flow usage of ETDs have given the institutions of developing countries a unique platform to showcase their research output to the outside world. In India now it's become mandatory for every universities recognised by the University Grant Commission (UGC) to sign a MOU with the INFLIBNET, an IUC of UGC for uploading PhD theses into their repository called Shodhganga: a national repository of PhD theses. Panjab University, Chandigarh has also signed a MOU with the Information Library Network Centre, Ahmadabad for uploading PhD theses in Shodhganga repository. The PU@ETD project the first of its kind to be set up by an academic institution in the state of Punjab, has created its own PU@ETD repository and digitised approximately 8000 PhD. theses available in the Panjab University, library and which can be accessible through Sodhganga as well as PU Web Server. The paper will discuss about the need and objectives of PU@ ETD project, its planning, steps followed and issues and challenges faced while implementing PU@ ETD project.

THREE MINUTE THESIS

3MT® THREE MINUTE THESIS
FOUNDED BY THE UNIVERSITY OF QUEENSLAND

AN 80,000-WORD THESIS WOULD TAKE 9 HOURS TO PRESENT. YOUR TIME LIMIT... 3 MINUTES!

The Three Minute Thesis (3MT®) is a research communication competition developed by The University of Queensland. The exercise develops academic, presentation, and research communication skills and supports the development of research students' capacity explain their research effectively in three minutes in a language appropriate to an intelligent but non-specialist audience.

The first 3MT® in Ohio was held at Miami University in Oxford, Ohio in March 2014. Since that time, the 3MT® has spread to a number of Ohio schools including The Ohio State University, Ohio University, the University of Cincinnati, Kent State University, and Cleveland State University. More Ohio schools are hoping to add the competition in 2016-2017.

In April 2016, the Midwestern Association of Graduate Schools (MAGS) held its inaugural 3MT contest with 23 graduate students vying for the first place prize!

Miami University's Jeff Brock competed and did a fine job representing Miami and the State of Ohio.

If you would like more information, please contact Lou Haines at Miami University's Graduate School at:

hainesla@miamioh.edu.

Participating in 3MT was exhilarating, and so rewarding. The challenge of distilling my research down into a kernel of a message was exceptionally worthwhile; the experience strengthened my thinking skills as well as my speaking skills, and definitely prepared me for my dissertation defense! I also enjoyed hearing from the other participants, and learning about the research in which other graduate students were engaged.

Buffy Stoll Turton
3MT Finalist, 2015
Miami University

ETD2017 SPONSORS

Platinum sponsor

ProQuest®

Gold Sponsors

glasstree
ACADEMIC PUBLISHING

FIND MORE
AMERICAN UNIVERSITY LIBRARY

Silver Sponsors

EBSCO

UF UNIVERSITY of FLORIDA

HTC global services

GEORGETOWN UNIVERSITY LIBRARY

TEXAS A&M UNIVERSITY

VirginiaTech Invent the Future® UNIVERSITY LIBRARIES

Bronze Sponsors

Overleaf

GRADWORKS ONLINE™

BYU BRIGHAM YOUNG UNIVERSITY

Enhance visibility and discovery of graduate works

Create new avenues for discovery of your graduate output with our archiving and dissemination services. Your authors can now add or create an Open Researcher and Contributor ID (ORCID) when they submit their work through ProQuest's Electronic Thesis and Dissertation (ETD) Administrator. And, we offer free MARC records to help you surface your graduate works on campus.

ProQuest's digital submission is complimentary via our ETD Administrator site that is customized for your institution. Your works are surfaced for 3,000 institutions worldwide and put in the path of researchers through leading academic and subject indexes and databases.

See why more than 3,100 institutions around the world partner with ProQuest to increase the visibility of their graduate output.

proquest.com/go/etd

ProQuest®

Proud to be an ETD2017 Symposium Platinum Sponsor

proquest.com

BRITISH LIBRARY HSIH

GEORGE MASON UNIVERSITY

Renaissance Scholarly Communications

MIAMI UNIVERSITY
GRADUATE SCHOOL & LIBRARIES

HTC
global services

Visit us at the Exhibition Hall
to know more

www.htcinc.com

TEXAS A&M UNIVERSITY

UNIVERSITY LIBRARIES &
OFFICE OF
GRADUATE AND PROFESSIONAL STUDIES

Leaders in graduate education through innovation, service, and commitment to excellence.

SETTING RESEARCH FREE

digital.library.tamu.edu • ogaps.tamu.edu

glasstree
ACADEMIC PUBLISHING

PUBLISH. MAKE AN IMPACT.

Author controlled publishing for your Thesis & Dissertation

GLASSTREE.COM

@EThOSBL

BRITISH LIBRARY

EThOS
Free access to UK doctoral dissertations

Immediate free downloads or scan on demand
http://ethos.bl.uk

George Mason University, located on three campuses in Northern Virginia, is the largest public research university in the state. Mason is distinguished by our innovation, diversity, entrepreneurial spirit, and accessibility.

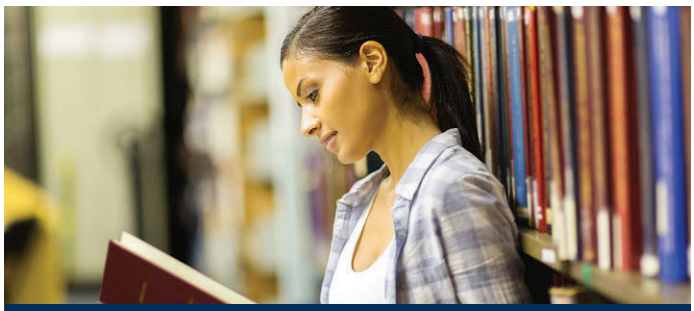
Mason's library system is one of the leading academic research libraries in Virginia and the DC Metro area, and we continue to gain steadily in national stature.

Mason Publishing, a division within University Libraries, encompasses the **George Mason University Press**, our IR (**MARS**), **University Dissertation & Thesis Services**, **Scholarly Communications**, and **Copyright Resources**. We have required electronic deposit of our theses and dissertations to MARS since 2013.

Mason is thrilled to host the 2017 USETDA Conference and we welcome you to the DC Metro area.

GEORGE MASON UNIVERSITY | University Libraries

THE EASIEST PART OF YOUR DEGREE!



Thesis & Dissertation Printing & Binding

- Easy online submission
- Customizable print options
- Quick turnaround times
- Library Archive Standards
- Quick cost estimating
- Convenient multi-ship options
- High-quality printing at a great price

GradWorks ONLINE™
gradworksonline.com
(801) 422-1469

Overleaf

Institutional **solutions**

Collaborative **scientific writing,** editing and publishing.

Overleaf makes the process of **writing, editing** and **publishing** complex content **quick & easy** — making science and research faster, more open and more accessible.

Overleaf has a range of specialized institutional programs

Overleaf Commons
Subscription service for institutions to provide Overleaf Pro accounts to students, faculty and staff.

Overleaf Link
Provides institutions with custom template and repository submission solutions.

Teaching Portal
Allows faculty to distribute assignments, track edits made by students, and quickly collect for marking.

Get in touch for more information and a demonstration of our services

sales@overleaf.com | www.overleaf.com

MIAMI UNIVERSITY
OXFORD, OH • EST. 1809

Graduate School at Miami University

With 12 doctoral and 50+ master's programs across the university, Miami gives you the tools to change the world.

MiamiOH.edu/graduate | 513-529-3734

Miami University: Equal opportunity in education and employment.

The University of Florida's Graduate School and George A. Smathers Libraries Welcome You to the 20th International Symposium on Electronic Theses and Dissertations.

ETD2017

UF George A. Smathers Libraries UNIVERSITY of FLORIDA

UF Graduate School UNIVERSITY of FLORIDA

graduatestudies.byu.edu

Why **BYU** Graduate Studies?

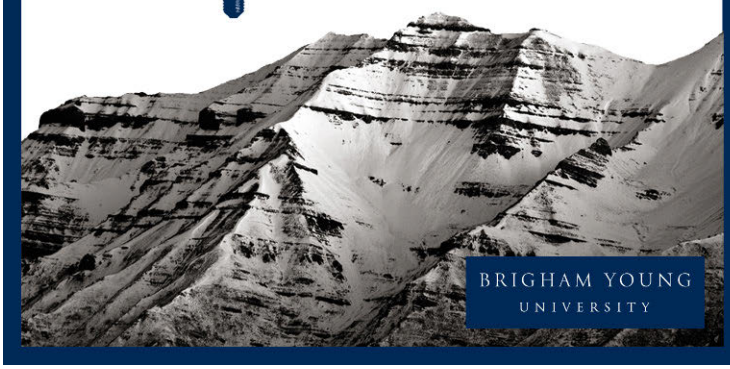
Students from 135 Countries

86 Graduate Programs

Nationally Ranked Research Library

1:3 Faculty to Student Ratio

Number 4 in Technology Transfer



BRIGHAM YOUNG UNIVERSITY

Renaissance Scholarly Communications

Bridging the Knowledge Divide — Consulting Services for Digital Library, Open Access & Social Justice Advocacy

Proud sponsor of ETD2017

20 years of experience providing consultation services

- digital libraries
- institutional repositories
- intellectual property
- ETD program implementation
- multimedia production
- conference planning / organizing
- sponsorship fundraising
- promotions & publicity
- open access and social justice advocacy

John H. Hagen, Consultant / Owner

www.renaissance-scholar.com

Renaissance Scholarly Communications

EBSCO | www.ebsco.com

Optimize your library's collection with resources from EBSCO

Bring together e-books, e-packages, e-journals and databases through *EBSCO Discovery Service™*

Improve the research experience for end users

Integrate resources from other partners

GEORGETOWN UNIVERSITY LIBRARY

Georgetown University Library is proud to be a sponsor of the ETD2017 Symposium

NDLTD 20th Anniversary 1997 - 2017

We're celebrating 20 years of the Networked Digital Library of Theses and Dissertations, and as a founding member we're proud to host more than

30,000

Virginia Tech ETDs

as well as more than **170** ETDs for other institutions.

On January 1, 1997, Virginia Tech became the first university to require ETDS.

Find them all at

vtechworks.vt.edu

VirginiaTech

UNIVERSITY LIBRARIES

ETD 2018

21st International Symposium on Electronic Theses & Dissertations

September 26-28, 2018
National Central Library, Taiwan

Welcome
歡 迎

NDLTD

國家圖書館 National Central Library

中華民國圖書館學會 Library Association of the Republic of China

中華圖書資訊館際合作協會 INTERLIBRARY COOPERATION ASSOCIATION

USETDA 2018

8th Annual Conference on Electronic Theses and Dissertations

"Climbing Ever Higher"

USetdA

Denver, Colorado

Coming Fall 2018

Organized by the Auraria Library and the Brigham Young University Libraries

www.usetda.org

NDLTD

Bid to Host ETD 2019, the 22nd International Symposium on Electronic Theses and Dissertations

The NDLTD Conference Standing Committee is now accepting bids to host the 22nd International Symposium on Electronic Theses and Dissertations, ETD 2019. Hosting this prestigious international conference is a unique prospect since it also brings value to the hosting institution. As a host, the institution gains recognition as a thought leader in the areas of scholarly communication and digital pedagogy. In addition, the institution will share highlights of its scholarly accomplishments with conference delegates who come from well-known campuses from around the world. The conference also provides hosts with the opportunity to promote the most up-to-date scholarly practices to its own community of students and scholars and to identify partners across campus who are practicing digital pedagogy and who are proponents of scholarly communication.

The last symposium was held in Lille, France (ETD 2016). ETD 2017 will be held in Washington DC, USA during August 7-9, 2017. Some previous symposia were held in New Delhi, India (ETD 2015), Leicester, UK (ETD 2014), Hong Kong (ETD 2013); Lima, Peru (ETD 2012); Cape Town, South Africa (ETD 2011); Austin, Texas, USA (ETD 2010); Pittsburgh, Pennsylvania, USA (ETD 2009); Aberdeen, Scotland (ETD 2008); Uppsala, Sweden (ETD 2007) Quebec City, Canada (ETD 2006), Sydney Australia (ETD 2005); Lexington, Kentucky, USA (ETD 2004), and Berlin, Germany (ETD 2003).The first meeting was held in Memphis, Tennessee, USA, in June 1998. ETD 2018 will be held at National Central Library, Taiwan during September 26-28, 2018.

Please submit your bid by e-mail to **Ramesh C Gaur (rcgaur66@gmail.com), NDLTD Conference Standing Committee Chair, on or before May 31, 2018.** Please note that should your institution be chosen to host ETD 2019 you will have the full support and help of the NDLTD Conference Standing Committee in preparing for the symposium. The conference planning handbook will also be available to the Local Organizing Committee. Potential bidders are encouraged to contact Ramesh C Gaur, Chair or any other member of the Conference Standing Committee early in the process of preparing their bid to express interest and receive guidance. For more information visit http://www.ndltd.org/a/ndltd.org/ndltd/directory/committees-and-working-groups/conferences-committee.

Bidders are encouraged to attend ETD 2018 at Taiwan during September 26-28, 2018. Your participation can help in gathering more information about the organization of the symposium.

USetdA

Bid to Host USETDA 2019

The USETDA is now accepting bids to host the 2019 USETDA Conference. Please submit your bid by January 1, 2018. For more information visit http://www.usetda.org/usetda-conferences/usetda-conference-bid-process/.

The following information should be included in your institution's bid

- Hosting organization/institution(s)
- Rationale for hosting the conference
- Planned dates – Please include proposed conference dates and explain your choice, including flexibility of proposed dates
- Venue – City, information on conference facilities (e.g., number and size of conference rooms, and availability of Internet access in conference rooms)
- Conference organization
- Level of logistical and financial support from host institution
- Detailed information on conference support personnel
- Distribution of responsibility for conference organization
- Travel/transportation considerations
- Accommodations (type, cost, applicable city and state taxes, and access to conference venue)
- Proposed special activities
- Tourist information
- Restaurants

The host institution will work closely with the USETDA board over the coming year to plan and execute all aspects of the 2019 conference.

ETD2017 International Symposium
NDLTD | USETDA
Washington, D.C. | August 7-9

#etd17