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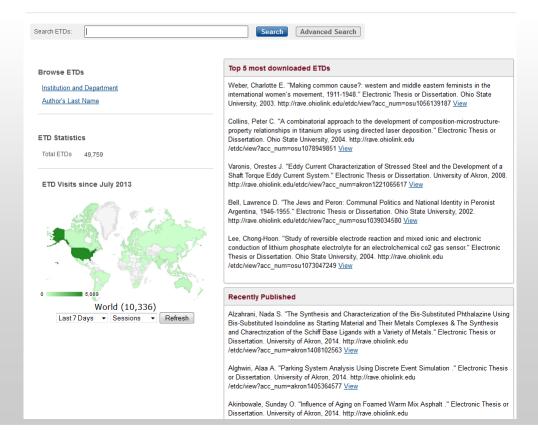
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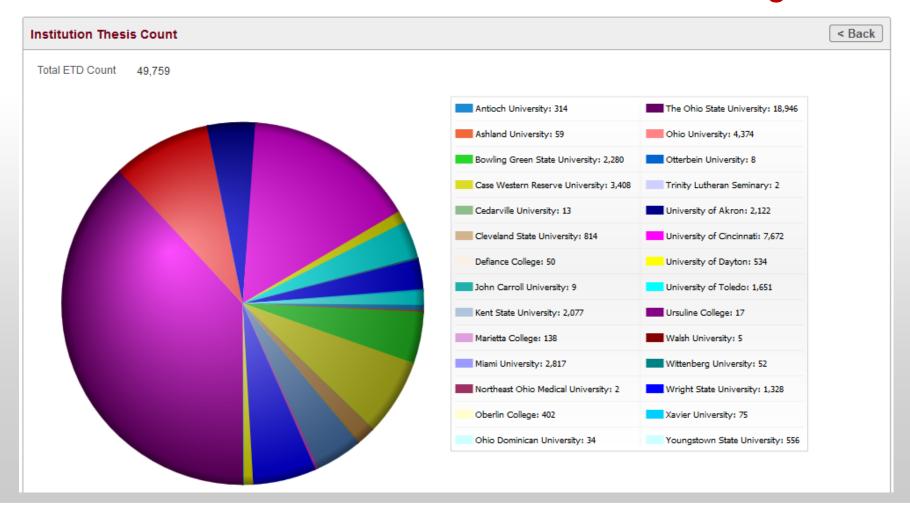
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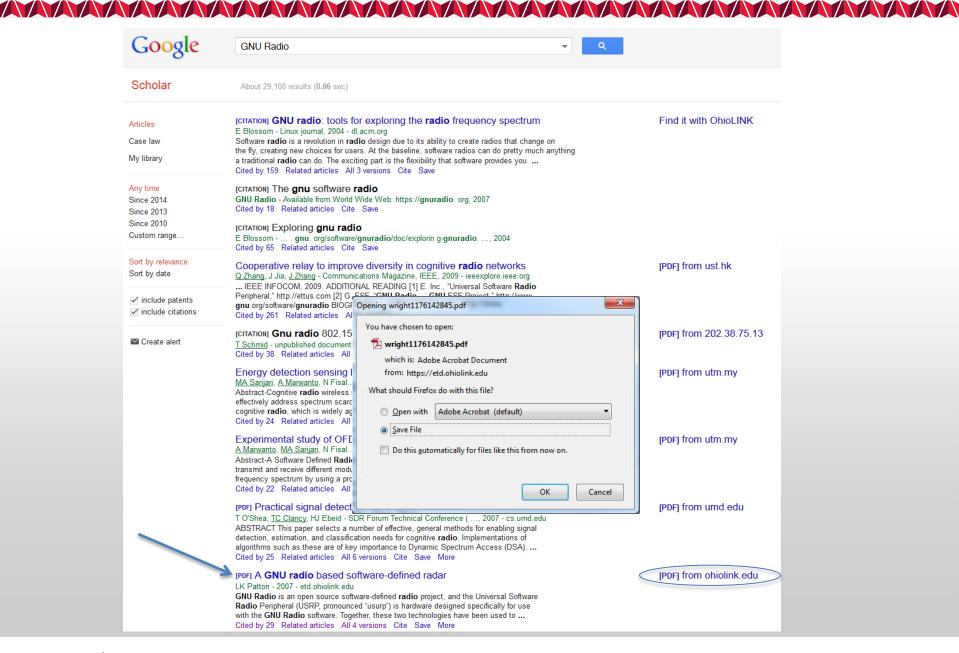




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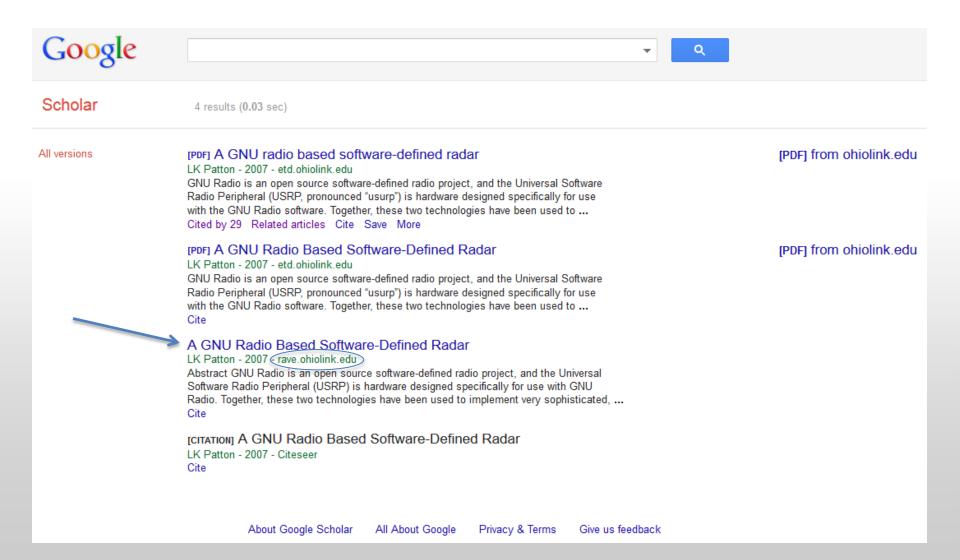


















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A GNU Radio Based Software-Defined Radar Patton, Lee K.
Year and Degree 2007, Master of Science in Engineering (MSEgr), Wright State University, Electrical Engineering. Abstract GNU Radio is an open source software-defined radio project, and the Universal Software Radio Peripheral (USRP) is hardware designed specifically for use with GNU Radio. Together, these two technologies have been used to implement very sophisticated, yet low cost, software-defined radios. Since software-defined radio and software-defined radar are really one in the same technologies, it stands to reason that GNU Radio and the USRP could be utilized to form a low cost radar sensor. In this thesis, we discuss the design of a prototype software-defined radar, built using the open source GNU Radio and open specification USRP projects. The prototype design is introduced, followed by the results of laboratory testing. A discussion on the expected operational performance of the prototype is then provided. The thesis concludes with the development and analysis of a waveform optimization algorithm that is capable of improving signal to interference plus noise ratio in the presence of
a band-limited interferer. The low computational complexity of this algorithm make it amenable to software-defined radar. Committee Brian Rigling (Advisor)
Pages 125 p.
Keywords GNU Radio; Software-Defined Radio; Software-Defined Radar
Recommended Citation Refworks RIS Mendeley





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Patton, L. (2007). A GNU Radio Based Software-Defined Radar. (Electronic Thesis or Dissertation). Retrieved from https://etd.ohiolink.edu/

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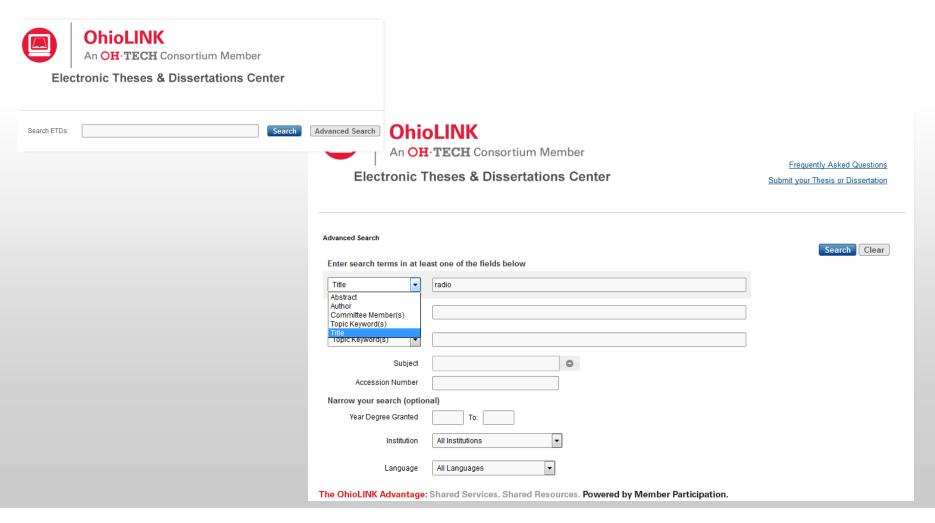
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Haus, David Russell EXPERTISE AT WAR: THE NATIONAL COMMITTEE ON EDUCATION BY RADIO, THE NATIONAL ASSOCIATION OF BROADCASTERS, THE FEDERAL RADIO COMMISSION AND THE BATTLE FOR AMERICAN **RADIO**

Doctor of Philosophy (Ph.D.), Bowling Green State University, 2006, History

In 1930 a group of educators formed the National Committee on Education by Radio (NCER) to fight for the preservation of non-profit education radio stations while also combating the meteoric rise of commercial radio ...More

Committee: Leigh Ann Wheeler (Advisor)

Subjects: History, United States

Keywords: Radio; Radio History; Progressive Era; New Deal; National Committee on Education by Radio

Yoon, Suk-Un Dynamic Radio Resource Allocation in Wireless Sensor and Cognitive Radio Networks



Master of Science, The Ohio State University, 2009, Electrical and Computer Engineering

In wireless networks, it is required to change an operating frequency as part of the radio resource management due to strong interference or system requirements of accessing radio resources. In this thesis, we propose two ...More

Committee: Eylem Ekici (Advisor); Bradley Clymer, D. (Committee Member)

Subjects: Engineering

Keywords: Channel Hopping; Wireless Sensor Networks; Spectrum Handoff; Cognitive Radio Networks

Conrad, David B. Lost in the Shadows of the Radio Tower: A Return to the Roots of Community Radio Ownership in Kenya, Uganda and Tanzania



Master of Arts (MA), Ohio University, 2011, Communication and Development Studies (International Studies)

This thesis explores the state of community radio in Kenya, Uganda, and Tanzania, and encourages a shift in focus within the development communication discourse toward a more practical and spirited exploration of ...More

Committee: Josep Rota, Dr. (Committee Chair); Yusuf Kalyango, Dr. (Committee Member); Duncan Brown, Dr. (Committee Member); Rafael Obregon, Dr. (Advisor)

Subjects: Communication: International Relations: Journalism

Search Term(s)





Refine Your Search	Go (Committee Member); Rafael Obregon, Dr. (Advisor)
	Subjects: Communication; International Relations; Journalism
Search Term(s)	Keywords: Ownership; Donors; Dependency; Community Radio; East Africa; Alternative Media; Development;
Abstract	Community Media; Audience; political economy; typology; roots of ownership
	Kim, Hyung Joon Multi-standard radio transceiver architectures and radio
ccession Number	frequency front-end design
	Doctor of Philosophy, The Ohio State University, 2005, Electrical Engineering
	Handheld Wireless devices are becoming extremely popular as they continue to benefit from unprecedented
uthor	levels of integration. They are becoming more and more compact achieving multi-functions and meeting aMore
	Committee: MOHAMMED ELNAGGAR (Advisor)
tle	Solimited her willings and the solition of the
adio	Peoch Tania Dadio community and identity in South Africa: A rhizomatic study of
stitution	Bosch, Tanja Radio, community and identity in South Africa: A rhizomatic study of Bush Radio in Cape Town
Sutution	Doctor of Philosophy (PhD), Ohio University, 2003, Telecommunications (Communication)
	This dissertation deals with community radio in South Africa, before and after democratic elections in 1994.
ubmission Site	Adopting a case study approach and drawing on ethnographic methodology, the dissertation outlines the history
	<u>More</u>
egree Year	Committee: Jenny Nelson (Advisor)
To To	Subjects: Mass Communications
10	Keywords: Community Radio; Ethnography; Rhizomatic; Identity - South Africa; Media - South Africa; Kwaito
egree Name	
	Banjade, Arjun Community Radio in Nepal: A Case Study of Community Radio
ommittee Member	Madanpokhara
	Doctor of Philosophy (PhD), Ohio University, 2007, Mass Communication -
	Telecommunications (Communication)
ubject	This study is about Community Radio Madanpokhara (CRM) in Palpa district in Western Nepal. Initiated and
	managed by the local residents, CRM has been on the air on frequency modulation (FM) band serving 800,000More
pic Keywords	Committee: Drew McDaniel (Advisor)
	Subjects: Mass Communications
anguage	Keywords: Community; Radio; Nepal; Madanpokhara; Media; Participatory Radio; Development Radio
anguage	0
	7hou Ruglin The Demonstration of SMSE Based Cognitive Radio in Mobile
	Environment via Software Defined Radio
	Doctor of Philosophy (PhD), Wright State University, 2012, Engineering PhD
	With the emergence of increasing number of wireless devices and demands for higher data rates, spectrum
	crowding and congestion increases. Spectrum congestion problem has been challenging wirelessMore
	Committee: Zhiqiang Wu, PhD (Advisor); Henry Chen, PhD (Committee Member); Ryan Thomas, PhD (Committee Member); Yong Pei, PhD (Committee Member); Yan Zhuang, PhD (Committee Member)
	Subjects: Educational Tests and Measurements; Educational Theory
	Keywords: Software Defined Radio; Cognitive Radio; Multi-carrier Waveforme; Spectrum Sensing
	Bussa, Srikanth A FPGA Based Spectral Line and Pulsar Observing System for
	Radio Astronomy
	Master of Science in Engineering, University of Akron, 2011, Electrical Engineering
	This thesis presents the design of a radio astronomy spectral line and pulsar observing system. This system wi







Broadcasting Change: Radio Talk Shows, Education and Women's Empowerment in Senegal Diamanka. Fanta

Permalink:

http://rave.ohiolink.edu/etdc/view?acc_num=ohiou1365168542

Year and Degree

2013, Doctor of Philosophy (PhD), Ohio University, Cultural Studies (Education).

Abstract

This study examined radio talk shows as a platform for Senegalese women to debate social issues and identifies new directions and alternative avenues for their lives. Radio talk show in Senegal is a dynamic, flexible, and interactive tool for communication while highlighting the way women relate to and use this medium to voice their opinions in a broader world of information and ultimately effect social change.

Utilizing a hermeneutic phenomenological approach grounded in an African centered paradigm, this study uses from forty (34) in-depth interviews, three focus groups, document analysis and more than 120 hours of participant observation. Moreover, this study integrated a mix of, paradigms and approaches to provide insights into the dialogues and listening practices that women are engaged in while seeking to understand the avenues that radio talk shows provide for women's empowerment and education in Senegal.

This study found that the talk shows were a remarkable empowering and educational forum for women to negotiate, articulate and re-invent themselves. Through their interaction on the talk shows, women realized that they were more than just receivers of knowledge. Their constant quest for answers produced knowledge that fostered

...More Committee

Francis Godwyll (Advisor)

Jerry Johnson (Committee Member)

Steve Howard (Committee Member)

Elizabeth Collins (Committee Member)

Pages

474 p.

Subject Headings

African Studies; Education; Gender; Mass Media

Keywords

Media; Radio; Gender; Education; Empowerment; Dialoque; Senegal; Africana Womanism

Recommended Citation RIS | RIS | Mendeley

APA Citation

MLA Citation

Chicago Citation



Full text release has been delayed at the author's request until June 01, 2015





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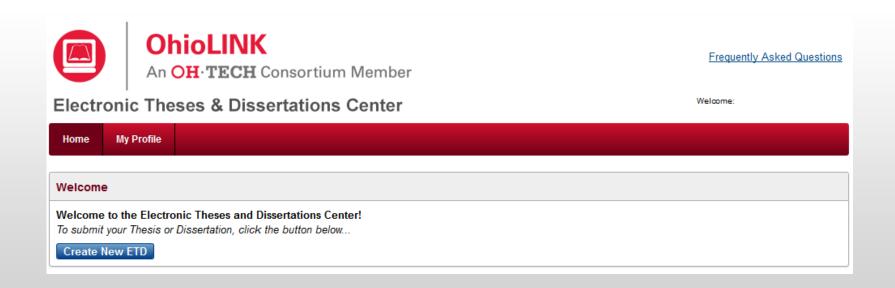
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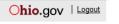
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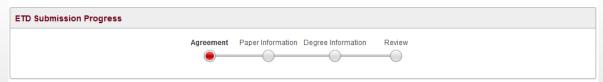




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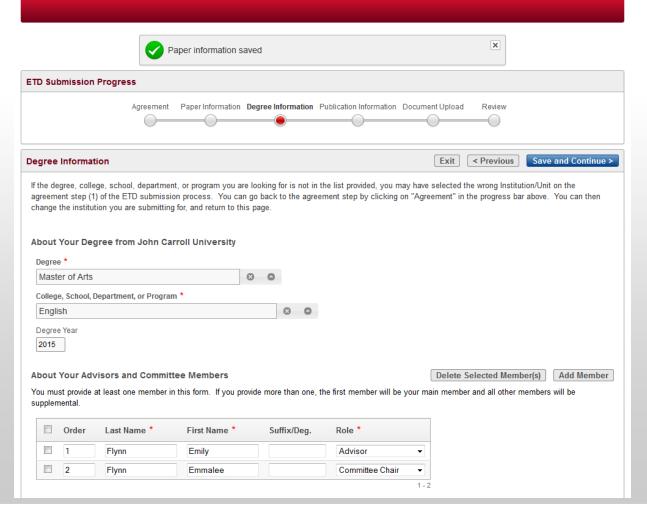




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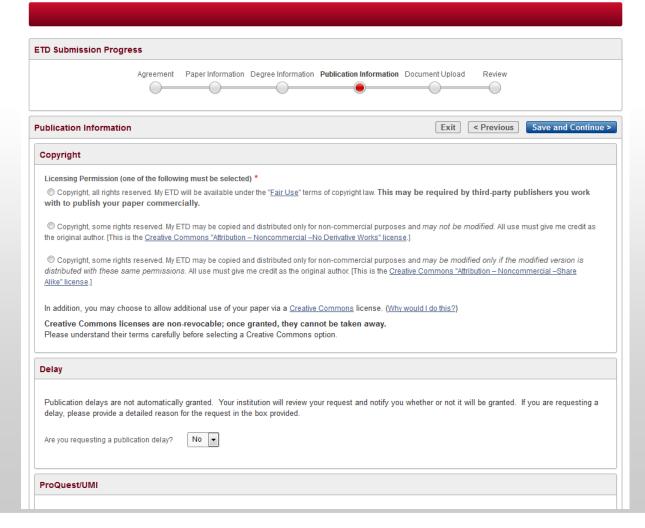






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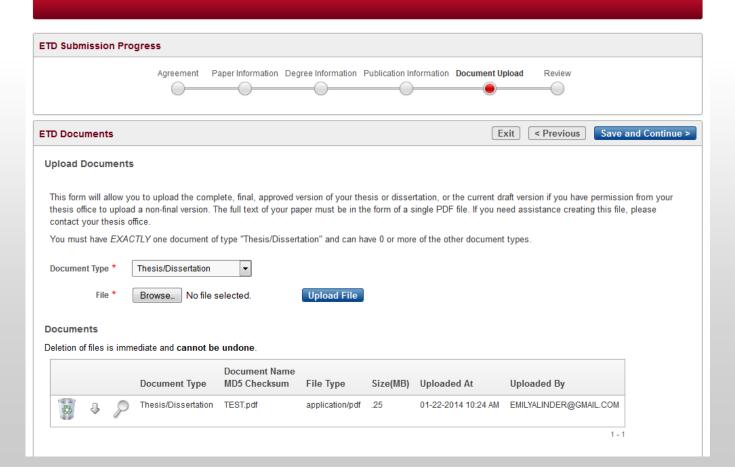




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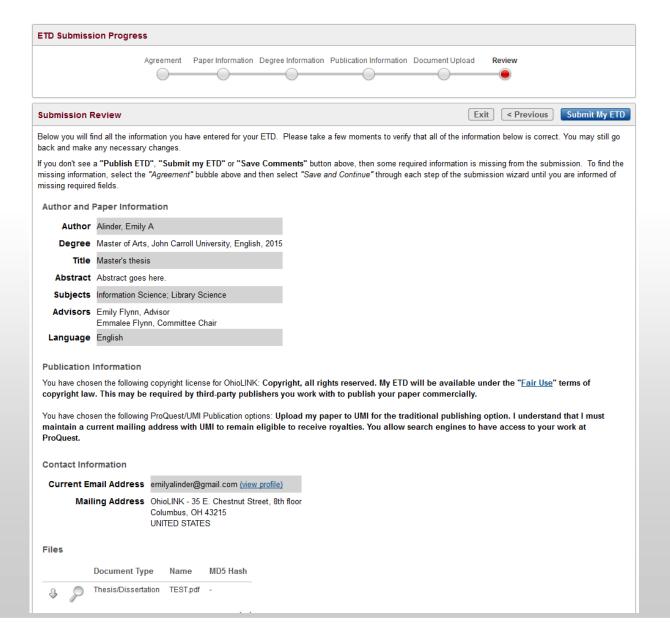
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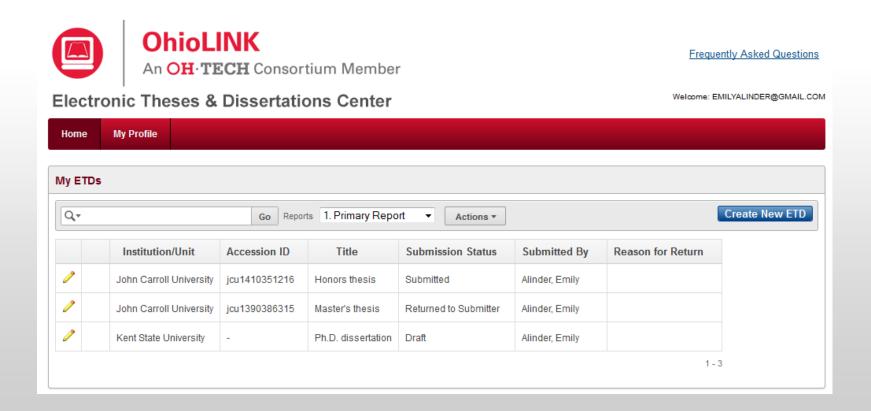








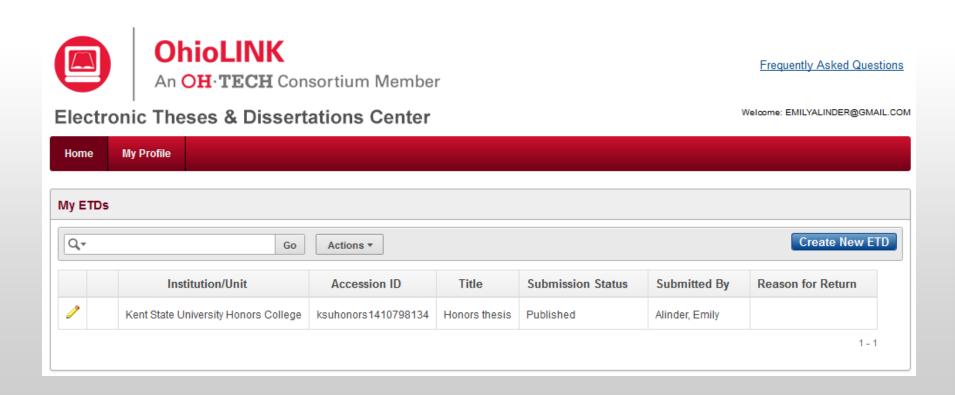
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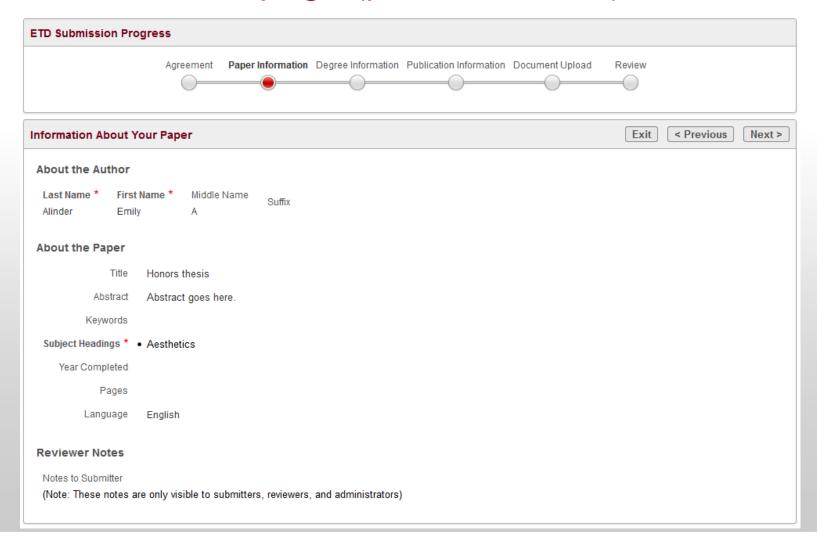
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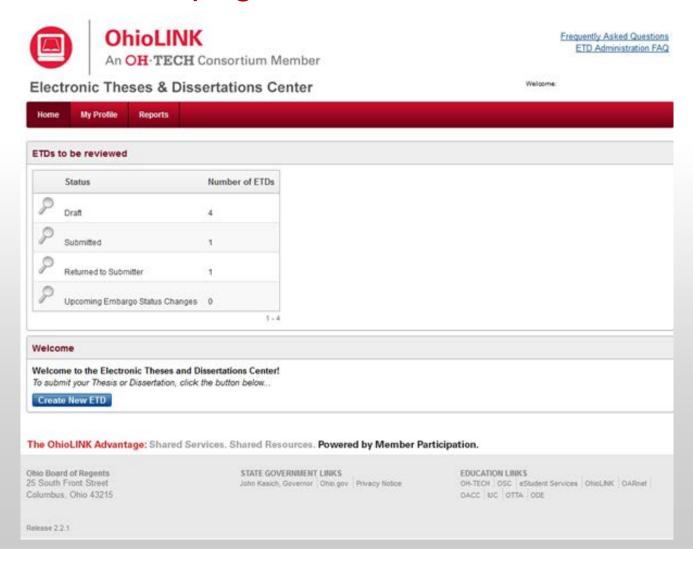
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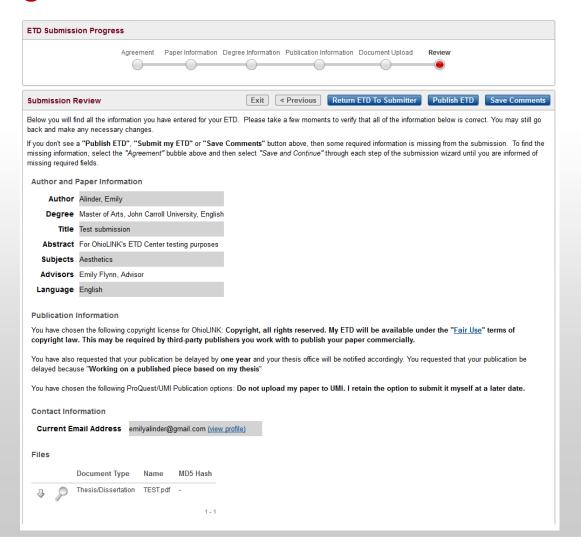
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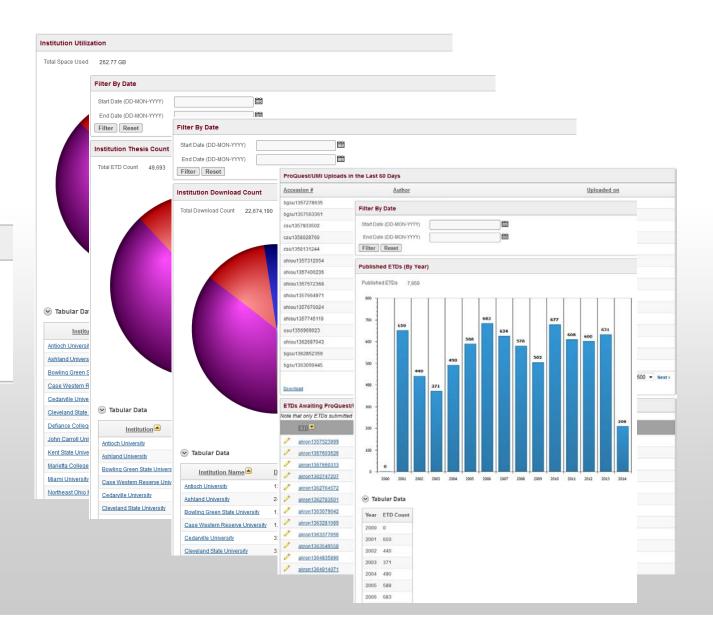
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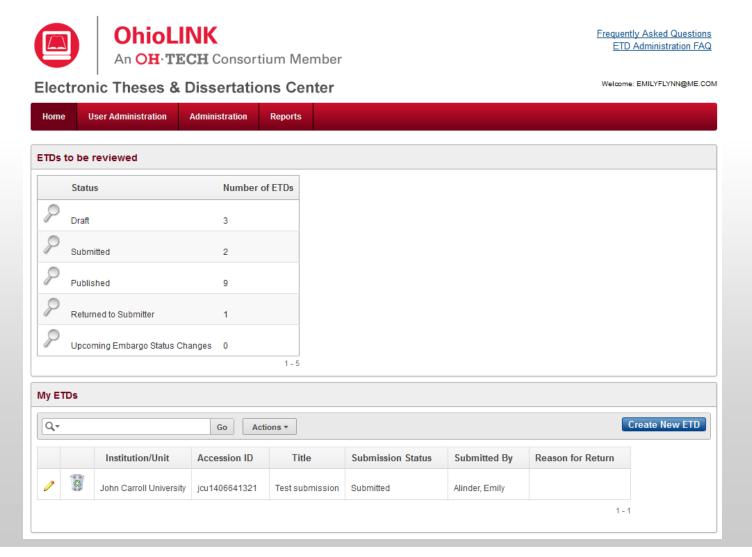
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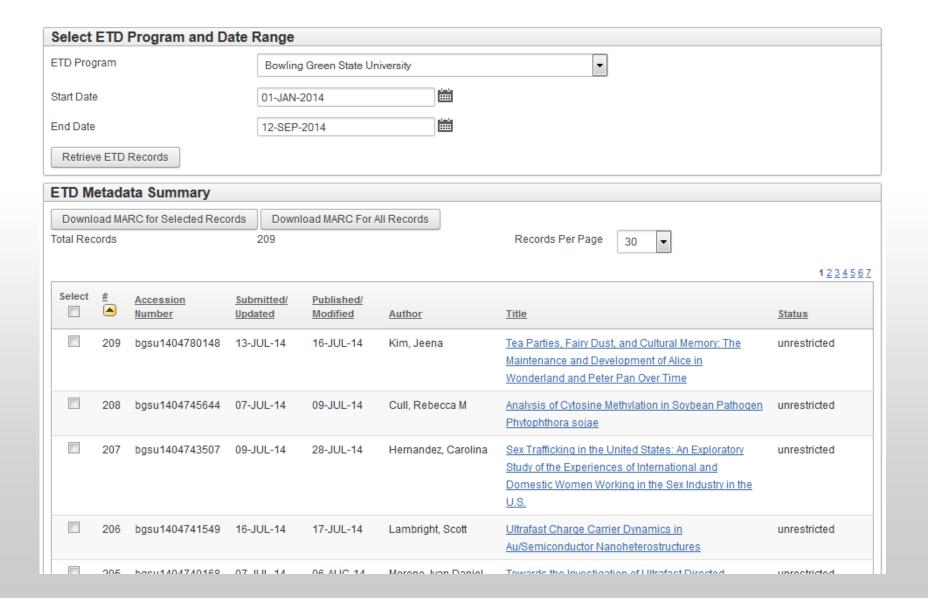
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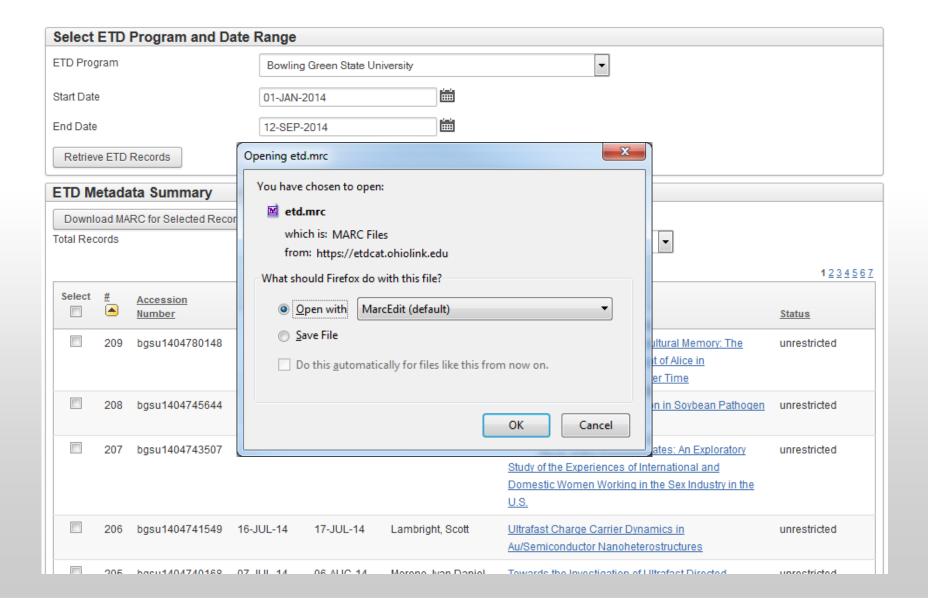
















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Emily Flynn

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