

2020

## ScholarWorks@UMassAmherst: FY20 Annual Report

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# SCHOLARWORKS@UMASSAMHERST

## FY20 Annual Report

University of Massachusetts Amherst Libraries  
<https://scholarworks.umass.edu>

Erin Jerome



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## Overview

[ScholarWorks@UMassAmherst](#) is the open access digital repository for the research and scholarly output of all members of the University of Massachusetts Amherst community – students, faculty, staff, and associated researchers. It is administered by the UMass Amherst Libraries and represents a way for the university to organize, store, share, and highlight its research in a single unified location.

This report represents a summary of ScholarWorks activity over the course of FY20 (July 1, 2019 – June 30, 2020).

## 2019-2020 Highlights

- Over 2.9 million downloads
- 15% increase in full-text downloads
  - FY19: 2,555,510
  - FY20: 2,945,423
- Top three most downloaded collections<sup>1</sup>
  - Masters Theses 1911 – February 2014: 434,365
  - Doctoral Dissertations 1896 – February 2014: 349,074
  - Doctoral Dissertations: 229,713
- The retrospective thesis and dissertation project digitized and uploaded:<sup>2</sup>
  - 450 dissertations
  - 40 theses
- Three new journals
  - [Paperbark](#)
  - [Practical Assessment, Research, and Evaluation](#)
  - [Translat Library](#)
- First podcasts hosted:
  - [Final Examination](#)
  - [Echoes from the Archives](#)
- 21 new series/collections added including<sup>3</sup>:
  - [CSCORE: Ronald H. Fredrickson Center for School Counseling Outcome Research & Evaluation](#)
    - Research Briefs
    - Conference Presentations
    - EBSCC Conference Presentations
    - Peer-Reviewed Publications
    - Research Reports and Monologues
  - [CSSR Reports and White Papers](#)
  - [Teacher Education and Curriculum Studies Educational Materials](#)

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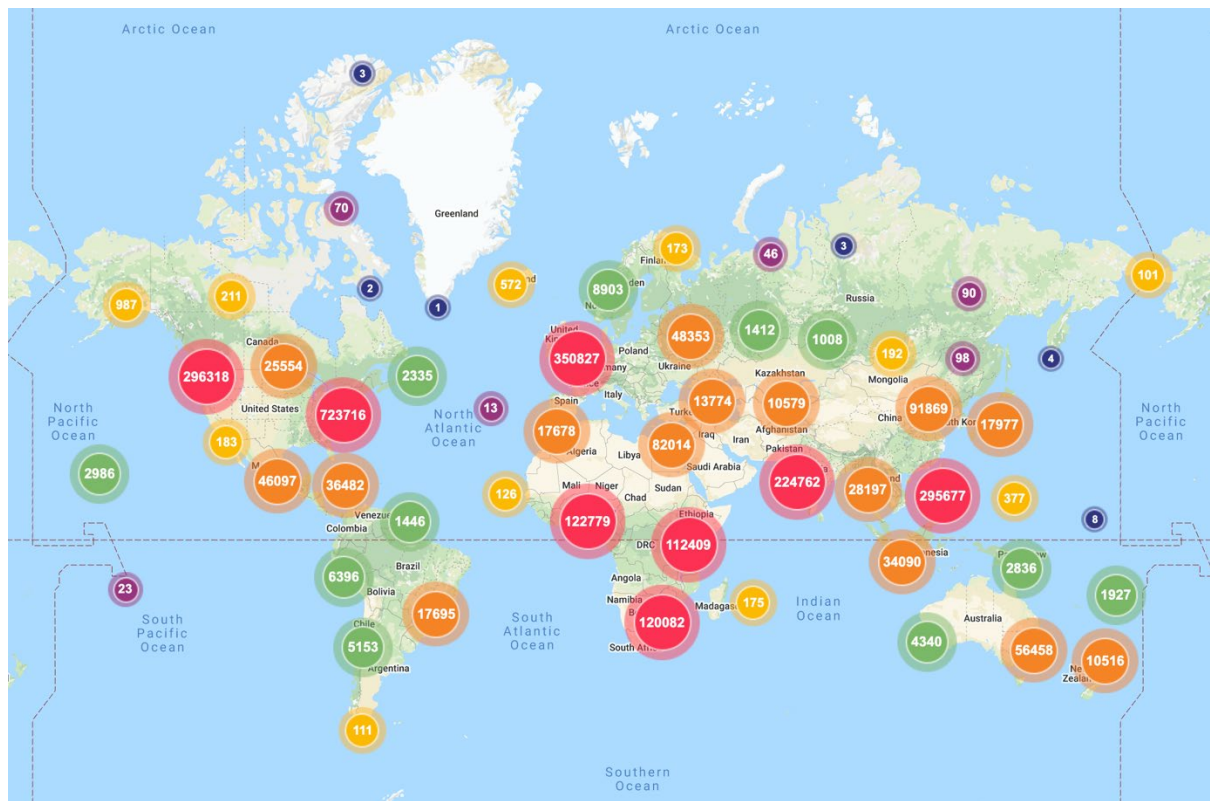
<sup>1</sup> Masters Theses 1911 – February 2014 and Doctoral Dissertations 1896 – February 2014 are used for the uploading of our retrospectively digitized theses and dissertations. These collections are then mapped into Masters Theses and Doctoral Dissertations for a more user-friendly experience.

<sup>2</sup> COVID-19 had a major impact on this project's progress and it has been paused until the Libraries can resume the safe handling of physical materials.

<sup>3</sup> See page 4 for the full list of new collections created.

- [Environmental Conservation Graduate Student Publications](#)
- [Data and Datasets Policies](#) posted and self-submission turned on
  - 10 [datasets](#) posted
- Redesigned collections for increased visibility:
  - Journals and Proceedings
  - Conferences and Symposia

## Readership Distribution



## Readership by Country – Top 25

Items in ScholarWorks were downloaded by 232 countries around the world

Country	Downloads
United States	101,8057
India	170,333
United Kingdom	157,795
Philippines	157,373
China	108,339
Nigeria	75,761
South Africa	73,920
Canada	73,819
Australia	61,854
Germany	47,361

Country	Downloads
Malaysia	41,000
Kenya	40,231
Pakistan	39,009
Singapore	34,570
Ghana	31,702
France	30,279
Indonesia	29,769
Tanzania	27,233
Ethiopia	24,989
Netherlands	24,482
Turkey	20,705
Zambia	19,141
Russian Federation	16,420
Italy	16,313
Hong Kong	16,241

#### Readership by Educational Institution – Top 25

Items in ScholarWorks were downloaded by 40,347 institutions in FY20. Below are the top 25 educational institution downloaders.

Educational Institution	Downloads
University of Massachusetts Amherst	8,905
Chowan University	2,757
M.I.T.	1,585
Shashemane Ericsson APN Natting (Ethiopia)	1,283
Stanford University	1,149
University of Cambridge	1,013
University of California Los Angeles	1,004
Taiwan Academic Network	956
North Carolina Research and Education Network	934
University of Florida	812
University of Toronto	755
Harvard University	749
National University of Singapore	738
Universiti Teknologi MARA (Malaysia)	736
Columbia University	736
Technical University of Denmark	733
Oxford University	702
New York University	679
University of Washington	665
Rutgers University	664
Yale University	657

<b>Educational Institution</b>	<b>Downloads</b>
North West University	655
University of Maryland	653
University of Minnesota	652
University of Wisconsin Madison	642

#### New Collections Created in FY20

<b>Collection</b>	<b>Date Collection Published</b>	<b>Number of Items Uploaded</b>	<b>Full Text Downloads</b>
<a href="#">BCT Faculty Journal Articles</a>	2020-06-29	N/A	N/A
<a href="#">BCT Lecture Series</a>	2020-06-29	N/A	N/A
<a href="#">CIE Materials and Commentaries</a>	2020-05-27	2	23
<a href="#">Chemistry Datasets</a>	2020-04-28	1	28
<a href="#">Geosciences Datasets</a>	2020-04-28	2	43
<a href="#">Polymer Science and Engineering Datasets</a>	2020-04-28	2	28
<a href="#">University Libraries Datasets</a>	2020-04-28	1	9
<a href="#">Teacher Education and Curriculum Studies Educational Materials</a>	2020-04-14	1	92
<a href="#">2020 Edible Book Festival</a>	2020-03-31	5	2
<a href="#">Language Acquisition Works by Anne Vainikka</a>	2020-03-26	14	95
<a href="#">Syntactic work by Anne Vainikka</a>	2020-03-26	0	0
<a href="#">Photomechanical Materials Multidisciplinary University Research Initiative (MURI) Publications</a>	2020-02-19	9	Provided users with links to published content as we collect final accepted manuscripts
<a href="#">Research Briefs (CSCORE)</a>	2020-02-11	30	313
<a href="#">EBSCC Conference Presentations (CSCORE)</a>	2020-02-11	4	82

<b>Collection</b>	<b>Date Collection Published</b>	<b>Number of Items Uploaded</b>	<b>Full Text Downloads</b>
<a href="#">Research Reports and Monologues (CSCORE)</a>	2020-02-11	6	82
<a href="#">CSCORE Conference Presentations</a>	2020-02-11	9	39
<a href="#">Peer-Reviewed Publications (CSCORE)</a>	2020-02-11	1	0
<a href="#">Conference Presentations (CSSR)</a>	2019-12-11	3	41
<a href="#">Extensions to the DELV by Other Authors</a>	2019-12-06	0	0
<a href="#">Environmental Conservation Graduate Student Publication Series</a>	2019-12-05	2	35
<a href="#">2019 Edible Book Festival</a>	2019-08-26	13	23
<a href="#">Reports and White Papers (CSSR)</a>	2019-08-01	7	468
<a href="#">Management Faculty Publication Series</a>	2019-07-17	1	20

## 20 Most Downloaded Collections

<b>Collections</b>	<b>Downloads (FY20)</b>	<b>Downloads (All Time)</b>
<a href="#">Masters Theses 1911 – February 2014</a>	434,365	3,271,319
<a href="#">Doctoral Dissertations 1896 – February 2014</a>	349,074	2,066,282
<a href="#">Doctoral Dissertations</a>	229,713	2,143,401
<a href="#">Practical Assessment, Research, and Evaluation (PARE) (journal)</a>	179,657	179,662
<a href="#">Masters Theses</a>	148,065	3,851,513
<a href="#">Open Access Dissertations</a>	143,781	1,219,025
<a href="#">Travel and Tourism Research Association: Advancing Tourism Research Globally (conference)</a>	122,784	455,106
<a href="#">PERI Working Papers</a>	91,658	451,236
<a href="#">Graduate Student Research Conference in Hospitality and Tourism</a>	87,266	1,416,403
<a href="#">Master’s Capstone Projects (CIE) (Center for International Education)</a>	77,078	319,648
<a href="#">Doctor of Nursing Practice (DNP) Projects</a>	59,839	403,990
<a href="#">Journal of Hospitality Financial Management</a>	56,799	431,396
<a href="#">African Diaspora Archaeology Newsletter (archived journal)</a>	45,226	201,349
<a href="#">Economics Working Paper Series</a>	43,198	250,390
<a href="#">International CHRIE Conference-Refereed Track</a>	32,168	512,719
<a href="#">Contributions in Black Studies (archived journal)</a>	31,518	253,753
<a href="#">Computer Science Department Faculty Publication Series</a>	23,454	238,050
<a href="#">International Dimensions of Ethics Education in Science and Engineering</a>	20,022	210,884
<a href="#">Linguistics Department Faculty Publication Series</a>	19,389	212,549
<a href="#">Afro-American Studies Faculty Publication Series</a>	19,146	64,981



## 25 Most Downloaded Items

Item	Date Posted	Downloads (FY20)	Downloads (All-Time)
<a href="#">An International Index of Child Welfare</a> (PERI Working Papers)	2010-05-04	58,466	65,009
<a href="#">Herzberg's Theory of Motivation and Maslow's Hierarchy of Needs</a> (PARE)	2019-11-23	27,630	27,630
<a href="#">A Guide to Writing the Dissertation Literature Review</a> (PARE)	2019-11-23	22,251	22,251
<a href="#">Chapter 1, Background of the Study</a> (Anthropology Department Research Reports series)	2009-11-13	18,650	88,039
<a href="#">Introduction to Women, Gender, Sexuality Studies</a> (Women, Gender, Sexuality Studies Educational Materials)	2012-07-17	18,389	48,993
<a href="#">The Effects of Culture on Language Learning and Ways of Communication: The Japanese Case</a> (Center for International Education Capstones)	2015-07-28	17,648	56,661
<a href="#">The Impact of Language Barrier &amp; Cultural Differences on Restaurant Experiences: A Grounded Theory Approach</a> (Graduate Student Research Conference in Hospitality and Tourism)	2010-12-10	15,012	218,829
<a href="#">How to Do Case Study Research</a> (College of Nursing Faculty Publication Series)	2010-01-05	12,103	330,303
<a href="#">Understanding client descriptions of presenting problems :: formulating a taxonomy</a> (Masters Theses 1911 – February 2014)	2015-10-05	11,587	30,449

Item	Date Posted	Downloads (FY20)	Downloads (All-Time)
<a href="#">Title page, Acknowledgements, Table of contents, and List of tables and figures</a> (Anthropology Department Research Reports series)	2007-04-27	9,372	57,936
<a href="#">A Phenomenological Study of the Experiences of Helping Professionals with Learning Disabilities</a> (Open Access Dissertations)	210-04-08	9,040	30,436
<a href="#">Whole Language: An Integrated Approach to Reading and Writing</a> (Center for International Education Action Learning Manuals for Adult Literacy)	2015-06-29	8,564	26,321
<a href="#">Black Men Who Betray Their Race: 20<sup>TH</sup> Century Literary Representations of the Black Male Race Traitor</a> (Doctoral Dissertations)	2019-07-02	8,544	8,544
<a href="#">Stereotypes of Contemporary Native American Indian Characters in Recent Popular Media</a> (Masters Theses 1911 – February 2014)	2012-08-23	8,236	46,255
<a href="#">An overview of content analysis</a> (PARE)	2019-11-23	7,606	7,606
<a href="#">How can Restaurant Waiting Time Experience Influence on Different Customer Groups' Waiting Time Satisfaction?</a> (Graduate Student Research Conference in Hospitality and Tourism)	2010-12-10	7,468	22,348
<a href="#">Theatre of the Oppressed A Manual for Educators</a> (Center for International Education Master's Capstone Projects)	2015-07-09	7,223	19,294

Item	Date Posted	Downloads (FY20)	Downloads (All-Time)
<a href="#">Understanding Internalized Oppression: A Theoretical Conceptualization of Internalized Subordination</a> (Open Access Dissertations)	2012-12-11	7,131	31,552
<a href="#">Multiple Intelligences: Gardner's Theory</a> (PARE)	2019-11-23	6,951	6,951
<a href="#">Best practices in exploratory factor analysis: four recommendations for getting the most from your analysis</a> (PARE)	2019-11-23	6,934	6,934
<a href="#">The Human Development Index: A History</a> (PERI Working Papers)	2010-05-04	6,886	59,178
<a href="#">Black Soldier Fly Larvae Manual</a> (Sustainable UMass Student Showcase)	2016-03-28	6,719	32,045
<a href="#">The Relationship between Types of Tourist and Destination Authenticity</a> (Graduate Student Research Conference in Hospitality and Tourism)	2010-12-10	6,490	37,059
<a href="#">Case Study: Bhopal Disaster</a> (International Dimensions of Ethics Education in Science and Engineering)	2009-04-10	6,389	53,835
<a href="#">The Efforts of Therapists in the First Session to Establish a Therapeutic Alliance</a> (Masters Theses 1911 – February 2014)	2009-08-27	6,302	62,465

## Conference and Event Hosting

We redesigned our [Conferences and Symposia](#) page to make it more user friendly. The landing page now distinguishes active annual events whose organizers continue to use ScholarWorks to accept and publish content from past and archived events that are no longer using our platform.

We did not add any new conferences to ScholarWorks in FY20 and many of our active conferences were forced to postpone their 2020 events due to COVID-19. The [Travel and Tourism Research Association: Advancing Tourism Research Globally \(ttra\)](#) was the only conference who published content in FY20 when they opted to publish a collection of research papers and abstracts that had been accepted for the June conference.

## Journals and Conference Proceedings

We also redesigned our [Journals and Conference Proceedings](#) page to make it more user friendly. We now group together actively publishing journals, published conference proceedings, and archived (inactive) journals.

In FY20, we added three new journals to ScholarWorks:

- [Paperbark](#)
- [Translat Library](#)
- [Practical Assessment, Research, and Evaluation \(PARE\)](#)

ScholarWorks now supports six actively publishing peer reviewed journals, three of which are indexed in the [Directory of Open Access Journals](#).

Journal	Downloads (FY20)	Downloads (All-Time)
<a href="#">communication +1</a> (DOAJ)	13,149	75,798
<a href="#">Journal of Hospitality Financial Management</a>	56,971	426,511
<a href="#">Journal of Medicinally Active Plants</a>	12,634	98,551
<a href="#">Paperbark</a>	76	N/A
<a href="#">Practical Assessment, Research, and Evaluation</a> (DOAJ)	179,662	N/A
<a href="#">Translat Library</a> (DOAJ)	555	N/A

*Translat Library* launched with its first volume in December 2019 and we worked with one its editors, Albert Lloret, to submit an application to the DOAJ. The journal's application was approved in April 2020.

*Practical Assessment, Research, and Evaluation (PARE)* was established as an open access journal in 1999 by Lawrence Rudner and William Schafer. The journal moved to

ScholarWorks through a partnership between the UMass Amherst Libraries and the Center for Educational Assessment at the College of Education. Over the course of November 2019, we migrated volumes 1-24 to ScholarWorks. Volume 25 was published in January 2020.

*Paperbark* is a student-run literary magazine with a focus on the environmental humanities and sustainable living. *Paperbark* primarily focuses on its print issues, but uploads an open access version to ScholarWorks after the next year's issue is published.

### Podcasts

We began experimenting with hosting podcasts in ScholarWorks now that Digital Commons can support native streaming audio files. [Echoes from the Archives](#) uploaded one episode using ScholarWorks' generic publication structure.

We then experimented with using a heavily modified event structure for a collaboration between the Libraries and Paul Musgrave's Commonwealth Honors College course, [Final Examination](#). We will likely continue to use this heavily modified event structure for future podcasts.

### Data

The Data Working Group finished its task of writing the [policies](#) for [Data and Datasets](#) in the fall of 2019. The policies were posted to ScholarWorks, along with a variety of README file templates, and we then turned on the option for researcher self-submission. (All prior data submissions had been mediated by either the Data Services Librarian or the Open Access & Institutional Repository Librarian.)

Ten new datasets were uploaded to ScholarWorks in FY20, four of which were self-submissions. This brought the number of datasets in ScholarWorks in FY20 to 115, with a total of 1,501 downloads.

## Ten Most Downloaded Datasets

<b>Title</b>	<b>Downloads (FY20)</b>	<b>Downloads (All-Time)</b>
<a href="#">Ionoelastomer Junctions Between Polymer Networks of Fixed Anions and Cations</a>	144	144
<a href="#">Data sheets for assessment of invasive species impacts</a>	61	111
<a href="#">Source Data for “Seeing mesoatomic distortions in soft-matter crystals of a double-gyroid block copolymer”</a>	50	57
<a href="#">Appendix 1. Database of impact assessments for 100 range-shifting invasive plants</a>	48	48
<a href="#">Abundance vs. Impact (AvI) databases and code</a>	33	46
<a href="#">Hudson River Estuary Tidal Marsh Sediment Data</a>	31	31
<a href="#">Source Data for "Tuning charge transport dynamics via clustering of doping in organic semiconductor thin films"</a>	28	36
<a href="#">Designing Sustainable Landscapes: Ecoregions</a>	28	34
<a href="#">Designing Sustainable Landscapes: Habitat loss, mowing and plowing, microclimate alterations, edge predators, invasive plants, and invasive earthworms metrics</a>	25	78
<a href="#">Source data for “Invasive grasses increase fire occurrence and frequency across U.S. ecoregions”</a>	25	25

## Looking Ahead to FY21

- The *Journal of Medicinally Active Plants* intends on submitting its application to the DOAJ.
- The journal, *Democratic Communiqué*, will migrate from Florida Online Journals (OJS) to ScholarWorks.
- The new Student Success podcast, *Trajectory*, intends to launch in Fall 2020.
- We will work with bepress to modify our podcast RSS feeds so that they can be added to Spotify's podcast feed.