

2022

## ScholarWorks@UMassAmherst: FY22 Annual Report

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## FY22 Annual Report

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

Erin Jerome



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This report represents a summary of ScholarWorks activity over the course of FY22 (July 1, 2021 – June 30, 2022).

### 2021-2022 Highlights

- 3.3 million downloads<sup>1</sup>
- 11% decrease in full-text downloads from FY21, but a 12% increase in full-text downloads from FY20:<sup>2</sup>
  - FY22: 3,309,738
  - FY21: 3,725,478
  - FY20: 2,942,727
- 47% decrease in full-text uploads:<sup>3</sup>
  - FY22: 2045
  - FY21: 3893
  - FY20: 2467
- Three most downloaded collections:
  - *Practical Assessment, Research, and Evaluation (PARE)*: 418,187
  - Masters Theses 1911 – February 2014: 399,189
  - Doctoral Dissertations 1896 – February 2014: 281,979
- Two new journals:
  - [Living Languages • Lenguas Vivas • Línguas Vivas](#)
  - [Best Text Collection](#)
- One new conference:
  - [UMassBRUT Community](#)
- Sixteen new collections added including:
  - [ADVANCE-Institutional Transformation](#)
    - Publications
    - Reports
    - Tools
  - [Libraries Exhibit Posters](#)
  - [Introduction to Geographic Information Science \(GIS\) course materials](#)

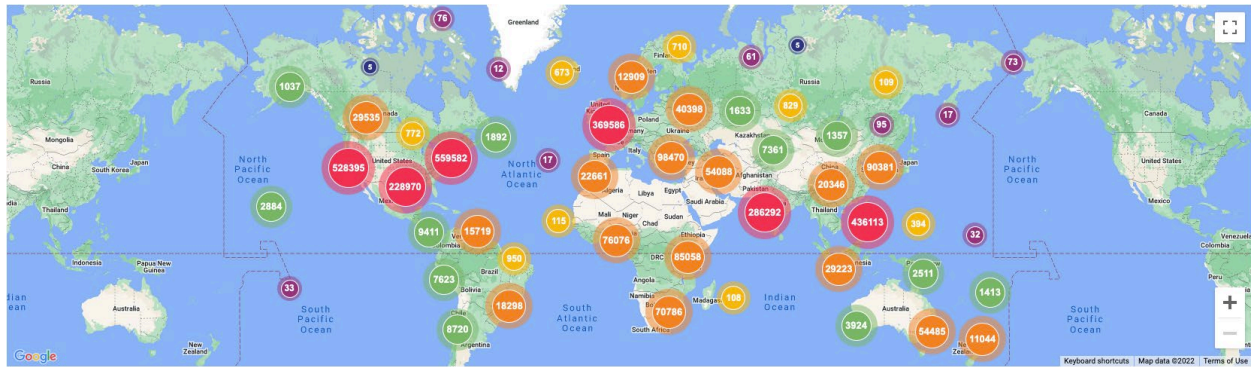
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<sup>1</sup> Includes content collected from the Expert Gallery Suite and supplemental files for items in ScholarWorks.

<sup>2</sup> FY21 is likely an anomaly due to COVID and researcher reliance on open access and online materials.

<sup>3</sup> These upload statistics were likely impacted by the continued hiatus of the retrospective dissertation and theses digitization project as well as changes to Web of Science's saved search functionality. We rely heavily on Web of Science (WoS) saved searches, which typically included up to twenty articles that we could upload to ScholarWorks on a weekly basis. We are currently investigating why these weekly emails have started consistently stating that there are zero new articles each week despite searches within WoS indicating otherwise. Uploads to the Expert Gallery Suite are excluded.

## Readership Distribution



## Readership by Country – Top 25

Items in ScholarWorks were downloaded by 232 countries around the world

Country	Downloads
United States	1,252,494
Philippines	250,718
India	212,710
United Kingdom	147,270
China	110,072
Canada	85,490
Australia	59,464
Pakistan	49,566
Germany	48,623
Malaysia	48,170
South Africa	42,755
Nigeria	41,934
Norway	32,924
France	31,002
Kenya	30,605
Netherlands	30,544
Indonesia	28,212
Singapore	24,301
Turkey	22,644
Ethiopia	21,617
Japan	20,797
Italy	20,726
Korea	20,266
Brazil	19,230
Ghana	19,180

## Readership by Educational Institution – Top 25

Items in ScholarWorks were downloaded by 37,448 institutions in FY22. Below are the top 25 educational institution downloaders.

<b>Educational Institution</b>	<b>Downloads</b>
University of Massachusetts	8,977
Chowan University	3,468
Merit Network Inc. (Michigan, U.S.A.)	2,325
M. I. T.	1,796
University of Connecticut	1,723
Taiwan Academic Network	1,354
University of Cambridge	1,306
Lawrence University	1,281
University of California Los Angeles	1,096
North Carolina Research and Education Network	1,062
Stanford University	1,033
Danmarks Tekniske Universitet	1,023
The Pennsylvania State University	1,013
New York University	977
Oxford University	949
University of Florida	895
National University of Singapore (NUS)	845
Consortium GARR (Italy)	835
University of Wisconsin Madison	818
University of Minnesota	807
Columbia University	802
The University of Edinburgh	800
Cornell University	776
Harvard University	768
University of Mount Olive	759

New Collections Created in FY22<sup>4</sup>

<b>Collection</b>	<b>Date Collection Published</b>	<b>Number of Items Uploaded</b>	<b>Full Text Downloads</b>
<a href="#">UMass Design Center Projects</a>	2021-08-03	N/A	N/A
<a href="#">Plant and Soil Science Datasets</a>	2021-09-08	2 datasets mapped from primary Data and Datasets collection	17
<a href="#">College of Education Student Publication Series</a>	2021-10-04	1	38
<a href="#">Communication Department Working Papers</a>	2021-10-04	1	17
<a href="#">Sociology Department Reports and Working Papers</a>	2021-12-14	2	22
<a href="#">Sociology Department Presentations</a>	2021-12-16	1	4
<a href="#">Political Science Working Papers</a>	2022-01-07	3	104
<a href="#">Introduction to Geographic Information Science (GIS) course materials</a>	2022-01-24	13	248
<a href="#">Art Department MFA Thesis Projects</a>	2022-02-08	1	0
<a href="#">Libraries Exhibit Posters</a>	2022-03-10	24	54
<a href="#">UMass ELEVATE Data</a>	2022-04-20	Data will be mapped from central Data and Datasets collection	N/A
<a href="#">UMass ELEVATE Publications</a>	2022-04-20	N/A	N/A

<sup>4</sup> Excludes journals and conferences

Collection	Date Collection Published	Number of Items Uploaded	Full Text Downloads
<a href="#">ADVANCE Publications</a>	2022-05-10	17	78
<a href="#">Psychological and Brain Sciences Graduate Student Publication Series</a>	2022-05-16	1	2
<a href="#">Electrical and Computer Engineering Graduate Student Publication Series</a>	2022-06-07	1	0
<a href="#">Economics Department Graduate Student Publications Series</a>	2022-06-07	1	5
<a href="#">ADVANCE Reports</a>	2022-06-09	N/A	N/A
<a href="#">ADVANCE Tools</a>	2022-06-09	14	8
<a href="#">College of Education Working Papers Series</a>	2022-06-15	3	8

## 25 Most Downloaded Collections<sup>5</sup>

Collection	Downloads (FY22)	Downloads (All-Time)
<a href="#">Practical Assessment, Research, and Evaluation (PARE)</a>	418,187	1,030,209
<a href="#">Masters Theses 1911 – February 2014<sup>6</sup></a>	399,189	4,201,984
<a href="#">Doctoral Dissertations 1896 – February 2014</a>	281,979	2,981,906
<a href="#">Doctoral Dissertations</a>	277,375	4,357,253
<a href="#">Masters Theses</a>	181,671	5,104,547
<a href="#">Travel and Tourism Research Association: Advancing Tourism Research Globally</a>	139,549	728,823
<a href="#">Open Access Dissertations</a>	120,038	1,502,141

<sup>5</sup> Includes journals and conferences.

<sup>6</sup> Individual theses and dissertations series have been collected together on the front-end of ScholarWorks for better usability, but the statistics are still collected at the individual series level.

Collection	Downloads (FY22)	Downloads (All-Time)
<a href="#">Graduate Student Research Conference in Hospitality and Tourism</a>	87,241	1,599,871
<a href="#">Master's Capstones Projects (Center for International Education)</a>	70,879	475,409
<a href="#">Journal of Hospitality Financial Management</a>	56,063	545,600
<a href="#">Communication Department Faculty Publication Series</a>	55,863	117,526
<a href="#">Doctor of Nursing Practice (DNP) Projects</a>	51,225	508,763
<a href="#">Economics Department Working Paper Series</a>	47,878	349,815
<a href="#">African Diaspora Archaeology Newsletter</a>	46,838	292,947
<a href="#">PERI Working Papers</a>	41,084	543,912
<a href="#">Contribution in Black Studies</a>	32,747	320,689
<a href="#">International CHRIE Conference-Refereed Track (Conference)</a>	32,278	575,487
<a href="#">Research Report 07: The Genetic Structure of an Historical Population: A Study of Marriage and Fertility in Old Deerfield, Massachusetts</a>	24,178	143,310
<a href="#">Computer Science Department Faculty Publication Series</a>	22,669	283,033
<a href="#">Proceedings of the Society for Computation in Linguistics</a>	18,951	61,401
<a href="#">Linguistics Department Faculty Publication Series</a>	18,833	253,719
<a href="#">International Dimensions of Ethics Education in Science and Engineering</a>	17,196	254,998
<a href="#">communication +1</a>	17,193	105,424
<a href="#">Journal of Medicinally Active Plants</a>	16,959	132,584
<a href="#">Elaine Marieb College of Nursing Faculty Publication Series</a>	15,438	365,888

Spotlight collection: [Digital Choice Boards and Interactive Learning Materials for Teachers and Students](#)

This collection is the product of a collaboration with two College of Education faculty members, Torrey Trust and Robert Maloy. Trust and Maloy had previously added an open textbook to ScholarWorks, [Building Democracy for All: Interactive Explorations of Government and Civic Life](#). When they started developing digital choice boards and other interactive materials for use by K-12 and college teachers with their colleague Sharon Edwards as well as their undergraduate and graduate students, we determined that ScholarWorks would be a good home for these resources. We uploaded 34 openly licensed choice boards (CC-BY-NC-SA) over the course of FY22 and they have been downloaded 2,095 times by users in 67 countries. In particular, a



tweet about their [Asian American Pacific Islander Choice Board](#) in May 2022 led to the board being downloaded 573 times.

## 25 Most Downloaded Items

Item	Date Posted	Downloads (FY22)	Downloads (All-Time)
<a href="#">A Guide to Writing the Dissertation Literature Review</a> (PARE)	2019-11-23	49,635	124,296
<a href="#">Black men Who Betray Their Race: 20<sup>TH</sup> Century Literary Representations of the Black Male Race Traitor</a> (Dissertation)	2019-07-02	27,635	143,060
<a href="#">Defining and Measuring Academic Success</a> (PARE)	2019-11-25	26,907	50,965
<a href="#">Chapter 1, Background of the Study</a> (Anthropology Department Research Reports Series)	2009-11-13	24,147	137,356
<a href="#">Herzberg's Theory of Motivation and Maslow's Hierarchy of Needs</a> (PARE)	2009-11-23	23,771	90,237
<a href="#">Architects of Networked Disinformation: Behind the Scenes of Troll Accounts and Fake News Production in the Philippines</a> (Communication Faculty member article)	2019-02-05	18,798	23,544
<a href="#">The Relationship between types of Tourist and Destination Authenticity</a> (Graduate Student Conference Presentation)	2010-12-10	17,911	70,100
<a href="#">Stereotypes of Contemporary Native American Indian Characters in Recent Popular Media</a> (Master's Thesis)	2012-08-23	16,839	81,495
<a href="#">Understanding and Using Factor Scores: Considerations for the Applied Researcher</a> (PARE)	2019-11-23	16,476	37,135
<a href="#">Mixing interview and questionnaire methods: Practical problems in aligning data</a> (PARE)	2019-11-23	15,769	26,611
<a href="#">Classroom Test Construction: The Power of a Table of Specifications</a> (PARE)	2019-11-25	14,696	29,746
<a href="#">The Effects of Culture on Language Learning and Ways of Communication: The Japanese Case</a> (Center for International Education capstone)	2015-07-28	14,458	93,278

Item	Date Posted	Downloads (FY22)	Downloads (All-Time)
<a href="#">How to Do Case Study Research</a> (College of Nursing Faculty Publication)	2010-01-05	14,265	357,706
<a href="#">The Power of (Mis)Representation: Why Racial and Ethnic Stereotypes in the Media Matter</a> (Communication Faculty member article)	2018-05-25	14,188	35,976
<a href="#">An overview of content analysis</a> (PARE)	2019-11-23	13,995	32,380
<a href="#">Best practices in exploratory factor analysis: four recommendations for getting the most from your analysis</a> (PARE)	2019-11-23	13,610	34,098
<a href="#">The Impact of Language Barrier &amp; Cultural Differences on Restaurant Experiences: A Grounded Theory Approach</a> (Graduate Student conference presentation)	2010-12-10	13,122	248,530
<a href="#">Four assumptions of multiple regression that researchers should always test</a> (PARE)	2019-11-23	11,893	27,413
<a href="#">Chi-Square Test is Statistically Significant: Now what?</a> (PARE)	2019-11-25	11,524	28,112
<a href="#">Using the Student's t-test with extremely small sample sizes</a> (PARE)	2019-11-25	10,513	25,133
<a href="#">A Proposal for a Community Development Training Program for Afghan women in Exile as Agents of Change</a> (Center for International Education capstone)	2015-08-05	9,564	33,006
<a href="#">The Human Development Index: A History</a> (PERI Working Paper)	2010-05-04	8,841	76,597
<a href="#">Students' Perceptions of Effectiveness of Hospitality Curricula and Their Preparedness</a> (Master's Thesis)	2010-11-05	8,728	54,489
<a href="#">Regenerative Architecture: A Pathway Beyond Sustainability</a> (Master's Thesis)	2009-08-27	8,620	49,674
<a href="#">Kant's Philosophy of the self</a> (Master's Thesis)	4/5/17	7,847	30,195

## 20 Most Downloaded Theses and Dissertations

Title	Date Posted	Downloads (FY22)	Downloads (All-Time)
<a href="#">Black Men Who Betray Their Race: 20<sup>TH</sup> Century Literary Representations of the Black Male Race Traitor</a>	2019-07-02	27,635	143,060
<a href="#">Stereotypes of Contemporary Native American Indian Characters in Recent Popular Media</a>	2012-08-23	16,839	81,495
<a href="#">Students' Perceptions of Effectiveness of Hospitality Curricula and Their Preparedness</a>	2010-11-05	8,728	54,489
<a href="#">Regenerative Architecture: A Pathway Beyond Sustainability</a>	2009-08-27	8,620	49,674
<a href="#">Kant's philosophy of the self (digitized thesis)<sup>7</sup></a>	2017-08-05	7,847	30,195
<a href="#">A Phenomenological Study of the Experience of Helping Professionals With Learning Disabilities</a>	2010-04-08	6,922	48,862
<a href="#">Understanding client descriptions of presenting problems :: formulating a taxonomy (digitized thesis)</a>	2015-10-05	5,343	47,454
<a href="#">Army rule in Pakistan: a case study of a military regime (digitized thesis)</a>	2017-04-05	4,506	17,562
<a href="#">Benazir Bhutto: her political struggle in Pakistan (digitized thesis)</a>	2015-11-09	4,159	12,719
<a href="#">Understanding Internalized Oppression: A Theoretical Conceptualization of Internalized Subordination</a>	2012-12-11	3,942	44,225
<a href="#">'Just Like Hitler': Comparisons To Nazism in American Culture</a>	2010-10-04	3,794	18,536
<a href="#">The affective properties of keys in instrumental music from the late nineteenth and early twentieth centuries</a>	2010-11-05	3,749	38,039
<a href="#">THE INFLUENCE OF EARLY MEDIA EXPOSURE ON CHILDREN'S DEVELOPMENT AND LEARNING</a>	2017-07-06	3,686	24,407
<a href="#">Internal determinants of foreign policy domestic politics and foreign policy in the Soviet Union and the United States, 1945-1948 (digitized thesis)</a>	2017-04-05	3,546	15,873
<a href="#">The Efforts of Therapists in the First Session to Establish a Therapeutic Alliance</a>	2009-08-27	3,527	71,711
<a href="#">The precipitation of ammonium molybdates by nitric acid (digitized thesis)</a>	2015-03-20	3,440	18,884

<sup>7</sup> Theses and dissertations that were digitized as part of the Libraries' retrospective digitization project.

Title	Date Posted	Downloads (FY22)	Downloads (All-Time)
<a href="#">The process of learning as shown by the mirror-drawing experiment</a> (digitized thesis)	2015-03-20	3,434	26,561
<a href="#">The Form of the Preludes to Bach's Unaccompanied Cello Suites</a>	2011-08-24	3,336	53,384
<a href="#">Exploring the internal and external factors influencing the career development of first generation Filipina Americans</a> (digitized dissertation)	2020-01-08	3,192	5,663
<a href="#">The distorting image: women and advertising, 1900-1960</a> (digitized thesis)	2015-03-15	2,913	23,517

## Conference and Event Hosting

We added one new conference to ScholarWorks in FY22:

- [UMass BRUT Community](#)

UMassBRUT is a multidisciplinary campaign “designed to reshape perceptions of the UMass Amherst and UMass Dartmouth Brutalist architecture in order to advocate for the conservation and renovation of these historic and internationally significant buildings.”<sup>8</sup> UMassBRUT organized its first symposium in October 2021 and then edited and captioned all of the videos from its presentations to add to ScholarWorks.

## Journals and Conference Proceedings

We added two new journals to ScholarWorks:

- [Living Languages • Lenguas Vivas • Línguas Vivas](#)
- [Best Text Collection](#)

*Living Languages* is an international, multilingual journal dedicated to topics in language revitalization and sustainability. The journal accepts contributions in any language being revitalized plus three *lingua franca* (English, Spanish, and Portuguese). Since the journal is multilingual and ScholarWorks is hard-coded in English, this journal took years to get from initial discussions to the publication of the first issue. We had to consider our documentation, submission agreement, submission form, and licensing options for authors. Every page had to be written in English, Spanish, and Portuguese, and we ultimately decided to embed the Google Translate widget to help translate all hard-coded English menu items on the front-end into

<sup>8</sup> [https://scholarworks.umass.edu/umassbrut\\_community/](https://scholarworks.umass.edu/umassbrut_community/)

other languages although we realized that this remains an imperfect solution. The editors and I published the first issue on 15 February 2022. This publication date was timed to coincide with the launch of UNESCO’s Indigenous Languages Decade which aims to “draw global attention on the critical situation of many indigenous languages and to mobilize stakeholders and resources for their preservation, revitalization and promotion.”<sup>9</sup>

The first volume of *Living Languages* contains a peer-reviewed research paper in Kaingang and another written in Chikashshanompa' in addition to papers written in English, Spanish, and Portuguese.

Like *Living Languages*, the conversations regarding the development of *Best Text* began in the spring of 2020, but then got delayed by pandemic. *Best Text* presents projects written by students in ENGL111, ENGLWRIT 112/112H, and Junior Year Writing courses that have been reviewed and prepared for publication by graduate writing instructors. The inaugural issue was published in April 2022 and contains six pieces from Junior Year Writing, six from ENGLWRIT 112/112H College Writing, and three from ENGL111.

ScholarWorks now supports eight active journals that utilize the system for submissions, peer review, and publication workflows. Two additional student magazines publish content and full issues in ScholarWorks but rely on external submission and peer review processes.

<b>Journal</b>	<b>Downloads (FY22)</b>	<b>Downloads (All-Time)</b>
<a href="#"><i>Best Text Collection</i></a>	271	271
<a href="#"><i>communication +1</i></a> *	17,193	105,424
<a href="#"><i>Democratic Communiqué</i></a>	5,468	5,816
<a href="#"><i>Journal of Hospitality Financial Management</i></a>	56,092	545,600
<a href="#"><i>Journal of Medicinally Active Plants</i></a>	16,962	132,584
<a href="#"><i>Living Languages</i></a>	1,881	1,881
<a href="#"><i>Practical Assessment, Research, and Evaluation (PARE)</i></a>	418,213	1,030,209
<a href="#"><i>Translat Library</i></a> *	1,202	2,770

\* Indexed by the Directory of Open Access Journals (doaj.org)

## Data

The Data and Datasets collections, also known as the Data Repository, continues to see growth. 16 new datasets were uploaded in FY22, which brought the total number of datasets to 158 with a total of 2,675 downloads.

<sup>9</sup> <https://en.unesco.org/idil2022-2032>

## Ten Most Downloaded Datasets

<b>Title</b>	<b>Downloads (FY22)</b>	<b>Downloads (All-Time)</b>
<a href="#"><u>Appendix 1. Database of impact assessments for 100 range-shifting invasive plants</u></a>	219	371
<a href="#"><u>Global Plant Invaders: a compendium of invasive plant taxa documented by peer-reviewed literature</u></a>	75	99
<a href="#"><u>The Paris Climate Agreement and future sea level rise from Antarctica</u></a>	60	144
<a href="#"><u>Abundance vs. Impact (AvI) databases and code</u></a>	54	137
<a href="#"><u>Massachusetts Beach Grain Size and Slope Data</u></a>	52	96
<a href="#"><u>Source Data for “Seeing mesoatomic distortions in soft-matter crystals of a double-gyroid block copolymer”</u></a>	51	140
<a href="#"><u>Ionelastomer Junctions Between Polymer Networks of Fixed Anions and Cations</u></a>	49	357
<a href="#"><u>Data for “Hydrogeologic and Geochemical Distinctions within Freshwater Brine Systems in Salar Environments”</u></a>	46	94
<a href="#"><u>Data for Autonomous snapping and jumping polymer gels</u></a>	45	131
<a href="#"><u>Dam Impoundments Sediment Mass – Tributaries to the Hudson River</u></a>	39	83