OA Week Report: College of Engineering

Scholarly Communication Initiatives

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Open Access Week (October 22-28, 2018)

Open Access Week is a global event that provides an opportunity for the academic and research communities to learn more about the potential benefits of Open Access (OA), to share what they’ve learned, and to help inspire others to participate in OA. Open Access initiatives, such as the University Libraries’ own institutional repository (Digital Scholarship@UNLV), help to increase the readership and impact of individual faculty work and provide higher visibility to UNLV’s research and creative efforts. Digital Scholarship@UNLV, maintained by the Scholarly Communication Initiatives (SCI) team, provides an Open Access platform for faculty and graduate students to deposit their works to reach a wider audience of researchers and scholars. We host OA journals edited by UNLV faculty and students (such as the UNLV Gaming Research & Review Journal), have recently begun piloting an Open Article Fund to help UNLV authors pay article processing charges, and consult and provide training on author’s rights, journal evaluation, impact metrics, ORCID, Creative Commons, and so much more!

Come join us in our celebration of Open Access and UNLV faculty scholarship!
Events at UNLV During Open Access Week

★ Open Access and Diversity, Equity, and Inclusion Panel
  ○ Featuring UNLV Faculty as panelists
  ○ Monday, October 22nd
  ○ 1:00 pm - 2:00 pm
  ○ Goldfield Room, UNLV Lied Library 3rd Floor

★ Open Access Week Reception and Awards Ceremony
  ○ 2:00 pm - 3:00 pm
  ○ Immediately following the Panel discussion
  ○ Goldfield Room, UNLV Lied Library 3rd Floor

★ Screening of Paywall: The Business of Scholarship
  ○ Wednesday, October 24th
  ○ 1:00 - 3:00 pm
  ○ Marjorie Barrick Museum
  ○ Q&A with UNLV Librarians follow the movie

“Open Access to information - the free, immediate, online access to the results of scholarly research, and the right to use and re-use those results as you need - has the power to transform the way research and scientific inquiry are conducted.

—SPARC"
Digital Scholarship@UNLV and College of Engineering

Full-text documents in Digital Scholarship@UNLV are available to anyone, anywhere, with an internet connection. Authors receive monthly readership reports and access to an author dashboard that allow them to track use over time and geographically. The repository also holds citation records (no full-text attached) of faculty scholarship which help to highlight and make discoverable works produced at UNLV. You can access your College’s collection by clicking this link. We would love to add full-text works to these citation only records, so please have interested faculty members contact us at digitalscholarship@unlv.edu!

By the Numbers

1,327
Full-text in Digital Scholarship@UNLV

5,837
Citation Only Records in Digital Scholarship@UNLV

4,214
Faculty Publications Downloads

31,953
ETDs Downloads

941
Number of Readers in Mendeley

168
Number of countries downloading your College’s works

Metrics

April (6,393)
Month in 2018 with most downloads

33,483
Total Abstract Views (in DS@UNLV)
Top of the Class! and Readership Dashboard

On this page you’ll find great data that we’ve obtained from Digital Scholarship@UNLV, including the faculty member with the most downloads, the most popular Electronic Theses and Dissertation (ETD), and the Top 10 most downloaded articles (click the images to be taken directly to the article)! You can obtain information like this directly - keep reading to find out how.

The Readership Dashboard is a publicly available dashboard where download data is available for viewing, filtering, and exporting for your own College/School’s use. You can even see how site visitors to Digital Scholarship@UNLV are finding your faculty’s works, and where the most downloads are coming from! Click here to visit the Readership Dashboard for this collection.

### Top 10 Downloaded Articles

1. Experimental and Finite Element Analysis of Preloaded Bolted Joints Under Impact Loading 365
2. Tensile Properties of Martensitic Stainless Steels at Elevated Temperatures 302
3. Coupling HEC-RAS and HEC-HMS in Precipitation Runoff Modelling and Evaluating Flood Plain Inundation Map 194
4. Incident Management in Intelligent Transportation Systems 185
5. Characterizing and Calibrating a Large Helmholtz Coil at Low AC Magnetic Field Levels with Peak Magnitudes Below the Earth’s Magnetic Field 172
6. Modeling and Control of Electromagnetic Brakes for Enhanced Braking Capabilities for Automated Highway Systems 128
7. Overview of Fuzzy Logic 121
8. Comparison of One-Dimensional and Two-Dimensional Hydrodynamic Modeling Approaches for Red River Basin 88
9. A Vector Matrix Real Time Backpropagation Algorithm for Recurrent Neural Networks that Approximate Multi-Valued Periodic Functions 78
10. Analytical Expressions for Tunneling Time Through Single and Double Barrier Structures 77

Additional data is available! To find out more, please contact Sue Wainscott (Engineering Liaison) sue.wainscott@unlv.edu or Andrea Wirth (Scholarly Communication Librarian) andrea.wirth@unlv.edu.
Scholarly Communications Initiatives at University Libraries

Digital Scholarship@UNLV is the University Libraries institutional repository, where faculty and graduate students can deposit full-text works (contact us to find out how). Additionally, below are services, projects and initiatives which may also benefit you and/or your faculty members. Through these initiatives, we are supporting campus efforts to achieve Top Tier status, as well as document, share, preserve and track the impact of UNLV research and creative activities.

需 funding to help pay for article processing charges? This new pilot project funded by the UNLV Libraries and the Library Advisory Board has allocated $30,000 to help make UNLV publications openly accessible. Click the logo to find out more!

Need help making sure your scholarly work is properly attributed to you and not that other John Smith? ORCID can help you with that, and we can help you set up your ID. Click the logo to discover more.

Need to store and share your data? Our data publication services pilot can be your solution. Through these services, your data will: have a DOI assigned to it, metadata describing your data set, and up to 50GB of storage. To learn more, click on the image!

This project is a showcase and record of UNLV scholarship and creative work. When available, we also provide the full-text, open access version of the work. At any time, faculty can add full-text to any citation listed. Click the image to find out more.
We would like to invite you and your faculty members to contact us and find out more about how to submit full text works into Digital Scholarship@UNLV. You can also contact us with any questions or to learn more about the other services our team offers.

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