

The School of Information is a multidisciplinary department where faculty researchers focus on many aspects of information organization, management, or use, and its impact on individuals and society. These foci range from the philosophies of information and studies of digital literacy, to broad scale data repositories, libraries, and digital archives, as well as game development, data science, machine learning, and information retrieval or text mining. Beyond the wide methodological spectrum represented by the University of Arizona's iSchool faculty, their research focuses on behavior, data, and related factors across sectors of life, to include science, business, health, and educational contexts.



Spring 2019 Snapshots

We've had a great year, and thank you for being a part of us!

From left to right: Dr. Clay Morrison giving a talk about big data modeling in UA's Computer Science Department; Dr. Catherine Brooks and Doctoral candidate Gretchen Stahlman at the iConference (March, 2019); PhD graduates at the College of Social and Behavioral Sciences Graduate Student Commencement (May, 2019); and Drs. Diana Daly and Jamie Lee making important decisions that matter in our day to day work.



News on Knowledge River

Our mission is to educate professionals who are committed to the information needs of Latinos and Native Americans. Knowledge River fosters an understanding of library and information issues from the perspectives of Latino and Native Americans and advocates for culturally sensitive library and information services to these communities. KR is a highly successful program with over 200 graduates serving the public across the United States, Canada, Mexico, and Australia! Their influence is global!

KR was selected as program recipient of the Peter W. Likins Inclusive Excellence Award in 2015-2016. This prestigious award honors individuals or groups who have significantly contributed to enhancing the academic distinction of The University of Arizona by creating a diverse and inclusive community. This was a great honor for KR!

The success of Knowledge River is due to the support that students received from our outstanding partnerships with many, to include the following:

University of Arizona Libraries, Special Collections

Arizona Health Science Library

Pima County Public library

Arizona State University Libraries

American Library Association

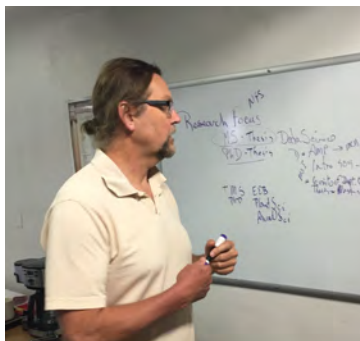
Association of Research Libraries

Knowledge River Circle of Friends, <https://ischool.arizona.edu/kr-circle-friends>



**Congratulations to the new KR cohort for 2019,
we are excited to have you join us!**

*Our former Director, Dr. Bryan
Heidorn, returns to the classroom
and research lab!
Thank you for your leadership,
vision, and service!*



We would like to express our gratitude to our many donors who have contributed to our School - we truly would not be able to do all we do without your support!

Faculty/Alumni News Bytes



Drs. Lila and Ren Bozgeyikli demonstrating their gear! These researchers focus on game development, virtual/augmented/mixed reality, human-computer interaction, mobile applications, algorithm development, as well as novel user interfaces and user experience in interactive systems. There's so much people can learn from serious games - engaging in occupational training virtually before real-life immersive experiences, learning about one's own biases, sensing experiences of others, as examples. We can all enjoy watching this power team moving forward.



Daniel Fitzpatrick earned his Masters degree in Library and Information Science this year but he can be seen in advertisements/on billboards worldwide! He was a Law Library Fellow in the University of Arizona, James E. Rogers College of Law, Daniel F. Cracchiolo Law Library, and we've enjoyed reading about him here: <https://uaatwork.arizona.edu/lqp/library-runway-ua-fellow-model-scholar>. We look forward to hearing more about Daniel's career as a Legal Information professional!

A Selection of Recent Faculty Research

Evren Bozgeyikli, Andrew Raji, Srinivas Katkoori, and Rajiv Dubey. Locomotion in virtual reality for room scale tracked areas. *International Journal of HumanComputer Studies*, 122, 38-49. 2019.

Bozgeyikli, L., Bozgeyikli, E., Katkoori, S., Raji, A., & Alqasemi, R. (2018). Effects of Virtual Reality Properties on User Experience of Individuals with Autism. *ACM Transactions on Accessible Computing (TACCESS)*, 11(4), 22.

Marika Cifor and **Jamie A. Lee**, Co-editors, Special Issue on "Evidences, Implications, and Critical Interrogations of Neoliberalism in Information Studies." *Journal of Critical Library and Information Studies*, in press, 2019.

Cui, H., Macklin, J. A., Sachs, J., Reznicek, A., Starr, J., Ford, B., Chen, H. L. (2018). Incentivising use of structured language in biological descriptions: Author-driven phenotype data and ontology production. *Biodiversity data journal*, (6), e29616. doi:10.3897/BDJ.6.e29616.

Heidorn, P. B., Stahlman, G. R., & Steffen, J. (2018). Astrolabe: Curating, Linking, and Computing Astronomy's Dark Data. *The Astrophysical Journal Supplement Series*, 236(1), 3.

Jansen, P. (2018). Multi-hop Inference for Sentence-level TextGraphs: How Challenging is Meaningfully Combining Information for Science Question Answering?. arXiv preprint arXiv:1805.11267.

Enrique Noriega-Atala, Paul D. Hein, Shraddha S. Thumsi, Zechy Wong, Xia Wang, Sean Hendrix and **Clayton T. Morrison**. Inter-sentence Relation Extraction for Associating Biological Context with Events in Biomedical Texts, *IEEE/ACM Transactions of Computational Biology and Bioinformatics*, 2019, DOI: 10.1109/TCBB.2019.2904231 (Print ISSN: 1545-5963, Online ISSN: 1557-9964).

Farig Sadeque, Dongfang Xu, and Steven Bethard. 2018. Measuring the Latency of Depression Detection in Social Media. In Proceedings of the Eleventh ACM International Conference on Web Search and Data Mining (WSDM '18). ACM, New York, NY, USA, 495-503. DOI: <https://doi.org/10.1145/3159652.3159725>.

Williams, B., **Brooks, C., & Shmargad, Y.** (2018). How Algorithms Discriminate Based on Data They Lack: Challenges, Solutions, and Policy Implications. *Journal of Information Policy*, 8, 78-115. doi:10.5325/jinfopoli.8.2018.0078.



A Short Message from the Director

Information is everywhere, and iSchools are growing around the globe. As the new iSchool Director, I am excited to build on the incredible leadership of my predecessor, Dr. Bryan Heidorn. Our iSchool is an incredible site for interdisciplinary training and research, and at the heart of any good iSchool is a strong Library Science program - ours is world class. As I last assessed, we have 58 part-time and full-time faculty in the iSchool, with a few hundred undergraduate students working alongside a few hundred graduate students. Across our six programs for study (three graduate degrees and three undergraduate degrees in Information), we invite your involvement. Let us know how you would like to participate - you may wish to just stay connected, you may have ideas for special events, or you might have internship or job opportunities for our students. As always, we value your input in our iSchool community.

Many good wishes and thank you for all that you do! Catherine Brooks, iSchool Director

Please Support the School, and Thank you!

YES, I support the School of Information (the only iSchool in the U.S. Southwest region)

(See: <https://ischool.arizona.edu/donate>)

If you wish to contribute to the School via paper, please fill out the information below and mail to:

School of information, Harvill Building Room 409, University of Arizona, 1103 E 2nd St, Tucson, AZ 85721

Please designate my gift for use in the School's general fund (supports faculty, staff, and students): yes no
or

Please use my funds for this specific purpose: _____.

Please make checks payable to the School of Information/UA Foundation

I prefer to make this gift anonymously: yes no

This gift if from and/or made in the name of: _____.

The School of Information is at the 2019 Conference of Inter-Mountain Archivists & Society of Southwest Archivists Joint Annual Meeting - Crossing Borders, Blazing Trails, today and tomorrow, sharing information on how you can earn your Master of Arts in Library and Information Science and a Graduate Certificate in Archival Studies. You can go to our website at ischool.arizona.edu for more information.



The iSchool is proud to announce the Spring 2019 Faculty and Student Choice Awards to recognize a few of the many wonderful faculty members who have made an impact this year. Congratulations to Dr. Diana Daly, Gina Macaluso, Hong Cui, Jamie Lee and David Sherman. To read more about their accolades, follow the following link: <https://ischool.arizona.edu/news/spring-2019-ischool-faculty-awards>



The School of Information Awards Committee is proud to announce the Outstanding Graduate Student Awards in recognition of their excellence and inspiration to other students in our program. The recipients of these awards are Zuleima Cota, Enrique Noriega, Farig Yousuf, Gretchen Stahlman and Louis Migliazza. You can read more about these amazing students at <https://ischool.arizona.edu/news/outstanding-graduate->

THE UNIVERSITY OF ARIZONA
COLLEGE OF SOCIAL & BEHAVIORAL SCIENCES
School of Information

Director's List of Outstanding PhD Students

Enrique Noriega-Atala Gretchen Stahlman Farig Sadeque

Outstanding MLIS Student

Louis Migliazza

Outstanding MS Student

Zuleima Cota

We have the best staff team!

The School of Information's Laura Owen and Jana Phillips were recognized at the UA Awards for Excellence 2019 as nominees for the Award for Excellence, recognizing individuals for outstanding achievements. Barb Vandervelde received the Wildcat Family Spirit Award for outstanding performance! Let's hear it for the iSchool



Please "like" us on Facebook, see us on Instagram, and more!

This is one way to keep up with happenings and connect!

Celebrating Gina Macaluso!

Thank you Gina for guiding the way for many Knowledge River students and others in the Library and Information Science program. Congratulations on your retirement, you will be missed!

Student News Bytes

Sarah Stueve has been awarded the SBS tenacity award for Spring 2019! This award recognizes a graduating senior who has persevered in the face of significant adverse circumstances to earn a degree. She has also been recognized among our staff and faculty as an outstanding senior. "Becoming a part of the iSchool completely reshaped my college experience in the best way. As a student and section leader here, I've learned a lot about my passions and desire to continue delving into the world of information and data science. I've taken many great classes in the iSchool, such as Machine Learning, Neural Networks, and Artificial Intelligence, but I think my favorite probably has to be ISTA 350: Programming for Informatics Applications. 350 was the class that really convinced me to pursue this degree and gave me the ability to move forward in my education. Related to that class, the most inspiring professor I've had in my time here as an undergrad is, without a doubt, Rich Thompson. Rich is well-loved by all of the students who take his classes because he engages them and makes a point of trying to get them excited about this area of study when they're first starting out. He has been an incredible mentor and role-model to me, as a student and an employee, and I honestly appreciate everything he's done for me more than I can express. Rich was also my supervisor for my Senior Capstone project, which observed emotional contagion in social networks via sentiment analysis of tweets and posts on Twitter and Reddit. We used Python to reconstruct reply-chains on posts and observe trends in sentiment (how positive or negative a post was) as posts in the chains got further and further from the initial response." - Sarah Stueve



Amber Parkins-Massey has been noticed among our staff and faculty as an outstanding senior. "The iSchool has taught me the importance of understanding how far we've come. Throughout my educational experience here at the U of A I have focused heavily on innovation and how technology has impacted everything within society. In doing so I have been educated on the history of technology and just how far we've come from an innovation perspective. That being stated, my biggest take away is that nothing happens overnight. The success and rapid increase we have seen in technological advances has been a gradual process. My favorite class that I have taken thus far would be Honors New Media with Professor Daisy Pitkin. Not only did I take this course my freshmen year, but it has stuck with me and exposed me to reading and analyzing in a whole new way that I have carried with me throughout my undergrad experience. One of my proudest accomplishments would be my Senior Capstone Project. Throughout the course of this semester, I have been working to complete a blog centered around the law school admissions process as well as the 1L experience. I have conducted interviews and research to provide readers with engaging content to ease their concerns about undertaking law school. All in all, my undergrad experience has come to a close much earlier than I anticipated and if I could pass on one piece of advice it would be to take it all in and live in the moment as often as possible. Your undergrad experience is one to cherish so enjoy it while you can." - Amber Parkins- Massey

