The ACM/IEEE-CS Joint Conference on Digital Libraries (JCDL) in 2018
Fort Worth, Texas, United States

Hosted by

UNT College of Information
UNT Health Science Center
UNT Libraries

PROGRAM
General Chairs’ Welcome

We are pleased to welcome you to JCDL 2018 - the 2018 ACM/IEEE-CS Joint Conference on Digital Libraries, in Fort Worth, Texas. JCDL 2018 is hosted by three units of the University of North Texas (UNT) — the College of Information, the UNT Health Science Center, and the UNT Libraries. Its co-organizer also includes the School of Information Management at Wuhan University.

The theme of this year is From Data to Wisdom: Resilient Integration Across Societies, Disciplines, and System. We aim to bring researchers, practitioners, and students together to exchange their ideas and to share experiences on exploring strategies, technologies, and users in the broad area of digital libraries. In the era of big data, we will examine how data, information, knowledge, and wisdom interact with each other and impact our disciplines and communities.

We are delighted to have three outstanding keynote speakers: Dr. Trevor Owens, Dr. Niall Gaffney, and Dr. Carly Strasser. The three speakers will bring their perspectives on important issues relating to the future development of digital libraries. They will engage audience with their experiences and insights. Specifically, Dr. Carly Strasser is the shared speaker with UNT Open Access Symposium.

We thank the whole organizing committee for their diligence and commitment to make this conference a success. Our committee members come from different disciplines and countries. Many of them have been experts in digital libraries. We especially thank the program co-chairs Edward Fox, Min-Yen Kan, and Vivien Petras for organizing the program committee and leading the effort to create an intriguing, high-quality program. The call for papers attracted submissions from 29 countries on four continents. The program committee reviewed and accepted 26 full research papers (from 71 reviewed), 13 short research papers (from 38 reviewed), 4 tutorials, 5 workshops (from 7 reviewed), 45 posters and 3 demonstrations (from 68 reviewed). The doctoral consortium received 20 submissions and accepted 11 for participation in JCDL 2018.

Fort Worth, Texas is the rustic and artistic threshold into the American West. It is an easily accessible city that is both affordable and full of western charm and hospitality. Known for its ranching heritage, Fort Worth is often referred to by the sobriquet “Cowboy town” and still features a daily cattle drive through the historic Stockyards district just minutes from downtown. Fort Worth is home to a thriving cultural district which includes the widely acclaimed Kimbell Museum and a lively downtown district. JCDL 2018 conference will be held at the UNT Health Science Center (HSC) in Fort Worth. UNT HSC provides top-notch equipped conference rooms and is close to the Fort Worth Museum of Science and Technology. We especially thank Daniel Burgard and his library staff for their hard work on local arrangements for JCDL 2018.

We thank our sponsors: ACM SIGIR, ACM SIGWEB, and IEEE TCDL, and our supporters: UNT College of Information, UNT Health Science Center, UNT Libraries, Wuhan University School of Information Management, Emerald Publishing, and Coalition for Networked Information (CNI). Our sponsors and supporters enable the conference to support the student authors, keynote speakers, and doctoral consortium participants, and to award authors of the best papers.

JCDL 2018 will provide you opportunities to meet old and new friends, to experience Texas culture, and to enjoy wine and good food. Welcome to JCDL 2018!

Jiangping Chen, Marcos André Gonçalves, and Jeff M. Allen
Conference general co-chairs
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<td>7:00am-8:00am</td>
<td>Host Desk Open / Registration / Breakfast / Coffee</td>
<td>MET hallway</td>
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<tr>
<td>8:00am-12:00pm</td>
<td><strong>Tutorial 1</strong> Introduction to Digital Libraries. (Edward A. Fox)</td>
<td>LIB-311</td>
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<tr>
<td>8:00am-12:00pm</td>
<td><strong>Tutorial 3</strong> Improving Search and Retrieval in Digital Libraries by Leveraging Keyphrase Extraction Systems. (Wei Jin and Corina Florescu)</td>
<td>EAD-506</td>
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<tr>
<td>8:00am-12:00pm</td>
<td><strong>Workshop 1</strong> Workshop on Cyberinfrastructure for Digital Libraries and Archives: Integrating Data Management, Analysis, and Publication. (Weijia Xu, Maria Esteva, and Jessica Trelogan)</td>
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<td>12:00pm-1:00pm</td>
<td>Lunch / Networking</td>
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<td>1:00pm-5:00pm</td>
<td><strong>Tutorial 2</strong> Introduction to Digital Humanities. (Luis Meneses and Richard Furuta)</td>
<td>EAD-506</td>
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<tr>
<td>1:00pm-5:00pm</td>
<td><strong>Tutorial 4</strong> Introduction to Machine Learning for Digital Library Applications. (Rodney Nielsen)</td>
<td>LIB-311</td>
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<tr>
<td>1:00pm-5:00pm</td>
<td><strong>Workshop 1</strong> Workshop on Cyberinfrastructure for Digital Libraries and Archives: Integrating Data Management, Analysis, and Publication. (Weijia Xu, Maria Esteva, and Jessica Trelogan)</td>
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### Date: Monday, 06/04/2018

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<tr>
<td>8:30am-10:00am</td>
<td><strong>Announcements</strong></td>
<td>MET-124</td>
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<tr>
<td>8:30am-10:00am</td>
<td><strong>Keynote speech:</strong> We Have Interesting Problems: Some Applied Grand Challenges from Digital Libraries, Archives, and Museums. (Trevor Owens)</td>
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<td>10:00am-10:30am</td>
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<td>10:30am-12:00pm</td>
<td><strong>Session 1A</strong> Use (Trond Aalberg)</td>
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<td>10:30am-12:00pm</td>
<td><strong>Session 1B</strong> Collection Building (Martin Klein)</td>
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<td>10:30am-12:00pm</td>
<td><strong>Session 1C</strong> Semantics and Linking (Jian Wu)</td>
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<td>12:00pm-1:00pm</td>
<td>Lunch / Networking</td>
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<td>12:00pm-1:00pm</td>
<td>Steering Committee Meeting</td>
<td>LIB-311</td>
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<tr>
<td>1:30pm-3:00pm</td>
<td>Session 2A: Collection Access and Indexing (Kai Eckert)</td>
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<td>Session 2B: Panel 1 (J. Stephen Downie, Elizabeth Lorang, Lian-Kit Soh, David Bainbridge, Sandra McIntyre, and Kevin Page)</td>
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<td>3:00pm-3:30pm</td>
<td>Coffee / Snack Break</td>
<td>MET 109/111 &amp; EAD 5th Floor</td>
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<td>3:30pm-5:00pm</td>
<td>Session 3A: Citation Analysis (Philipp Mayr-Schlegel)</td>
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<td>Session 3B: Scientific Collections and Libraries I (Jacob Jett)</td>
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<td>Session 3C: Multimedia Retrieval (Joan Smith)</td>
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<tr>
<td>5:00pm-6:00pm</td>
<td>Minute Madness</td>
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<td>6:00pm-8:30pm</td>
<td>• Reception at UNT Health Center Gibson D. Lewis Library</td>
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<td>• Poster and Demo Session</td>
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<td>Date: Tuesday, 06/05/2018</td>
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<td>8:30am-10:00am</td>
<td>• Keynote speech: Improving Research Outcomes Leveraging Digital Libraries, Advanced Computing, and Data. (Niall Gaffney)</td>
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<td>10:30am-12:00pm</td>
<td>Session 4A: Quality and Preservation (Milena Dobreva)</td>
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<td>Session 4B: Text Collections (Jiangping Chen)</td>
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<td>Session 4C: Panel 2 (Nicholas Cole, Robert Johnson, Rodney Smith, Carl Scott, and Samuel Cory)</td>
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<td>Lunch / Networking</td>
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<td>12:00pm-1:00pm</td>
<td>Steering Committee Meeting</td>
<td>LIB-311</td>
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<td>1:30pm-3:00pm</td>
<td>Session 5A: Exploring and Analyzing Collections (Federico Nanni)</td>
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<td>Session 5B: Scientific Collections and Libraries II (Dan Wu)</td>
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<td>Session 5C: Archiving (Ian Milligan)</td>
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<td>3:30pm-5:00pm</td>
<td>Session 6A</td>
<td>Topic Modeling and Detection (Lillian Cassel)</td>
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<td>Session 6B</td>
<td>Panel 3 (Wei Chen, Jiangping Chen, Christopher Erdmann, Trevor Owens, Tao Jin, and Mark Phillips)</td>
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<td>5:00pm-5:15pm</td>
<td>Coffee / Snack Break</td>
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<td>5:15pm-5:30pm</td>
<td>Short walk to museum</td>
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<td>5:30pm-8:30pm</td>
<td>Dinner at Fort Worth Museum of Science and History (Announcements and awards)</td>
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**Date: Wednesday, 06/06/2018**

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<tr>
<td>8:30am-10:00am</td>
<td>- Keynote speech: Open Source Tech for Scholarly Communication: Why It Matters. (Carly Strasser)</td>
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<td>- JCDL 2019 Preview (JCDL 2019 Organizing Committee)</td>
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<tr>
<td>10:30am-5:00pm</td>
<td>Workshop 2</td>
<td>Workshop on Web Archiving and Digital Libraries. (Martin Klein, Zhiwu Xie, and Edward Fox)</td>
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<td>Workshop 3</td>
<td>Workshop on Image Collections: Creation, Organization, Access, and Use. (Wei Lu, Jevin West, Brian O’connor, Krystyna Matusiak, Qinghua Zhu, Jason Lu, and Jiangping Chen)</td>
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<td>Workshop 4</td>
<td>Workshop on Knowledge Discovery from Digital Libraries. (Hui Shi, Wu He, and Guandong Xu)</td>
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<td>Workshop 5</td>
<td>Workshop on Curative Power of Medical Data (MEDA 2018). (Daniela Gifu, Diana Trandabat, Kevin Cohen, and Jingbo Xia)</td>
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Legend:
- **Tutorial**
- **Workshop**
- **Doctoral Consortium**
- **Keynote Speech**
- **Session**
- **Panel**
Program Schedule

Sunday, 06/03/2018

Tutorial 1 | Introduction to Digital Libraries (8:00am – 12:00pm) (LIB-311)

Organizer:
• Edward A. Fox (Virginia Tech)

Abstract: This tutorial is a thorough and deep introduction to the Digital Libraries (DL) field, providing a firm foundation: covering key concepts and terminology, as well as services, systems, technologies, methods, standards, projects, issues, and practices. It introduces and builds upon a firm theoretical foundation (starting with the ‘5S’ set of intuitive aspects: Streams, Structures, Spaces, Scenarios, Societies), giving careful definitions and explanations of all the key parts of a minimal digital library’, and expanding from that basis to cover key DL issues. Illustrations come from a set of case studies, including from multiple current projects, including with webpages, tweets, and social networks. Attendees will be exposed to four Morgan and Claypool books that elaborate on 5S, published 2012-2014. Complementing the coverage of 5S will be an overview of key aspects of the DELOS Reference Model and DL.org activities. Further, use of a Hadoop cluster supporting big data DLs will be described.

Tutorial 3 | Improving Search and Retrieval in Digital Libraries by Leveraging Keyphrase Extraction Systems (8:00am – 12:00pm) (EAD-506)

Organizers:
• Wei Jin (University of North Texas)
• Corina Florescu (University of North Texas)

Abstract: In this tutorial, we will focus on recent developments in the keyphrase extraction task using research papers as a case study. In particular, we will discuss a wide range of keyphrase extraction models ranging from the representative supervised approaches such as KEA and GenEx to more recent ones that make use of the advances in artificial intelligence. Beyond introducing the outstanding approaches in this domain, we will discuss how keyphrases can significantly improve the search and retrieval of information in digital libraries and hence, leads to an improved organization, search, retrieval, and recommendation of scientific documents. Participants will learn about existing approaches, challenges and future trends in the keyphrase extraction task, and how they can be applied to digital library applications.

Workshop 1 | Workshop on Cyberinfrastructure for Digital Libraries and Archives: Integrating Data Management, Analysis, and Publication (8:00am – 5:00pm) (EAD-514)

Organizers:
• Weijia Xu (University of Texas at Austin)
• Maria Esteva (University of Texas at Austin)
• Jessica Trelogan (University of Texas at Austin)

Abstract: The workshop introduces a trypptic model that connects digital libraries and archives, cyberinfrastructure and machine learning for purposes of stimulating research and implementation of automated methods to describe, represent, preserve, and facilitate access and reuse of large-scale scholarly data. Cyberinfrastructure refers to shared online research environments, backed up by advanced computing resources and supported by experts. Coupled with cyberinfrastructure, machine learning methods and tools can provide digital libraries and archives with powerful resources to enhance their ability to curate, organize, represent, and provide persistent access to large-scale collections, thus facilitating their discoverability and reuse. Bring your laptop for a day of lectures by remarkable researchers and practitioners and for challenging hands-on activities.

Tutorial 2 | Introduction to Digital Humanities (1:00pm – 5:00pm) (EAD-506)

Organizers:
• Luis Meneses (University of Victoria)
• Richard Furuta (Texas A&M University)

Abstract: Digital Humanities is an area of inquiry and scholarship that combines the procedural methodologies from the Sciences with the reflection that is carried out in the Humanities. The Digital Humanities is characterized by its new forms of scholarship
involving collaborative, transdisciplinary, and computationally-engaged research, teaching, and publishing. In this half-day tutorial, which is sponsored in part by the Digital Humanities Summer Institute (http://www.dhsi.org), we introduce the concepts of Digital Humanities from the perspective of participants that are familiar with Digital Libraries. We focus on four core areas: concepts, the tools used, their implications, and the future of the discipline. By the end of the tutorial the participants should be able to articulate some of the benefits and the drawbacks of using digital tools to approach the research questions in the Humanities, and critically interrogate the way they use the Internet to get information, produce content and interact with others.

**Tutorial 4 | Introduction to Machine Learning for Digital Library Applications (1:00pm – 5:00pm) (LIB-311)**

**Organizer:**
- Rodney Nielsen (University of North Texas)

**Abstract:** This tutorial begins with an overview of the major branches of machine learning (ML) and then provides more thorough coverage of deep neural networks. It covers key concepts, tools, experimental methods, applications, evaluation measures and associated issues for supervised learning (regression and classification), unsupervised learning (clustering and dimensionality reduction), semi-supervised and active learning (which combine the former approaches), and reinforcement learning. The deep neural network discussion covers convolutional neural networks (CNNs), recurrent neural networks (RNNs), word embeddings and related techniques. The discussion will be grounded on digital library (DL) - related applications and will highlight issues, techniques and tools associated with processing big data.
Program Schedule

Monday, 06/04/2018

Keynote speech | We Have Interesting Problems: Some Applied Grand Challenges from Digital Libraries, Archives, and Museums (8:30am – 10:00am) (MET-124)

Speaker:
• Trevor Owens (Library of Congress)

Abstract: Libraries, Archives and Museums now have massive digital holdings. There is tremendous potential for library and information science, computer science and computer engineering researchers to partner with cultural heritage institutions and make our digital cultural record more useful and usable. In particular, there is a significant need to bridge basic research in areas such as computer vision, crowdsourcing, natural language processing, multilingual OCR, and machine learning to make this work directly usable in the practices of cultural heritage institutions. In this talk, I discuss a series of exemplar projects, largely funded through the Institute of Museum and Library Services National Digital Platform initiative, that illustrate some key principles for building applied research partnerships with cultural heritage institutions. Building on Ben Schnideman’s The New ABCs of Research: Achieving Breakthrough Collaborations, I focus specifically on why the public purpose and missions of cultural heritage institutions are particularly valuable in establishing new kinds of collaborations that can simultaneously advance basic research and the ability for people of the world to engage with their cultural record.

Session 1A | Use (10:30am – 12:00pm) (MET-124)

Session chair:
• Trond Aalberg (Norwegian University of Science and Technology)

Paper presentation:
• Long paper: Understanding the Position of Information Professionals with regards to Linked Data: A Survey of Libraries, Archives, and Museums. (Lucy Mckenna, Christophe Debruyne, and Declan O'Sullivan)
• Short paper: The Role of Pre-existing Highlights in Reader, Article IDs and Outcomes. (Samuel Dodson, Luanne Freund, and Rick Kopak)
• Short paper: Evaluating Saccade-Bounded Eye Movement Features for the User Interest Modeling. (Sampath Jayarathna and Sobiga Shanmugathasan)
• Short paper: Interaction on an Academic Social Networking Sites: A Study of ResearchGate Q&A on Library and Information Science. (Shengli Deng, Jingjing Tong, and Shaoxiong Fu)

Session 1B | Collection Building (10:30am – 12:00pm) (EAD-506)

Session chair:
• Martin Klein (Los Alamos National Laboratory)

Paper presentation:
• Long paper: Impact of Crowdsourcing OCR Improvements on Retrievability Bias. (Myriam Traub, Thaer Samar, Jacco van Ossenbruggen, and Lynda Hardman) (Best Paper Nomination)
• Short paper: Applying the Analytic Hierarchy Process to an Institutional Repository Collection. (Pamela Andrews, Karen Harker, and Ana Krahnert)
• Short paper: Computer-Assisted Crowd Transcription of the U.S. Census with Personalized Assignments for Better Accuracy and Participation. (Douglas J. Kennard)
• Short paper: Prioritizing and Scheduling Conferences for Metadata Harvesting in dblp. (Mandy Neumann, Christopher Michels, Philipp Schaeer, and Ralf Schenkel)

Session 1C | Semantics and Linking (10:30am – 12:00pm) (EAD-514)

Session chair:
• Jian Wu (Pennsylvania State University)

Paper presentation:
- **Long paper**: Entity-Aspect Linking: Providing Fine-Grained Semantics of Entities in Context. (Federico Nanni, Simone Paolo Ponzetto, and Laura Dietz) (Best Paper Nomination)
- **Long paper**: Investigating Entity Linking in Early English Legal Documents. (Gary Munnelly and Seamus Lawless)

**Session 2A | Collection Access and Indexing (1:30pm – 3:00pm) (MET-124)**

**Session chair:**
- Kai Eckert (Stuttgart Media University)

**Paper presentation:**
- **Long paper**: Putting Dates on the Map: Harvesting and Analyzing Street Names with Date Mentions and their Explanations. (Jannik Strötgen, Rosita Andrade, and Dhruv Gupta)
- **Long paper**: Contextualised Browsing in a Digital Library's Living Lab. (Zeljko Carevic, Sascha Schüller, Philipp Mayr, and Norbert Fuhr)

**Session 2B | Panel 1 (1:30pm – 3:00pm) (EAD-506)**

**Title:**
At the Nexus of Data and Collections: New Affordances in the Age of Mass-Scale Digital Libraries

**Abstract:** Within the context of mass-scale digital libraries, this panel will explore methodologies and uses for—as well as the results of—conceiving of “data as collections” and “collections as data.” The panel will explore the implications of these concepts through use cases involving data mining of the HathiTrust Digital Library, particularly major projects developed at the HathiTrust Research Center. Featured will be the Workset Creation for Scholarly Analysis + Data Capsules (WCSA+DC) project, the Solr Extracted Features project, and the Image Analysis for Archival Discovery (Aida) project. Each of these projects focuses on various aspects of text, image and data mining and analysis of mass-scale digital library collections.

**Panelists:**
- J. Stephen Downie (University of Illinois) (moderator)
- Elizabeth Lorang (University of Nebraska)
- Lian-Kit Soh (University of Nebraska)
- David Bainbridge (University of Waikato)
- Sandra McIntyre (HathiTrust Digital Library)
- Kevin Page (University of Oxford)

**Session 3A | Citation Analysis (3:30pm – 5:00pm) (MET-124)**

**Session chair:**
- Philipp Mayr-Schlegel (GESIS – Leibniz – Institute for the Social Sciences)

**Paper presentation:**
- **Long paper**: A Comparison of Approaches for Bibliographic Reference Parsing in the Context of a Business Use Case. (Dominika Tkaczyk, Andrew Collins, Paraic Sheridan, and Joeran Beel)
- **Long paper**: Linked Open Citation Database: How Much would it Cost if Libraries Cataloged and Curated the Citation Graph? (Anne Lauscher, Kai Eckert, Lukas Galke, Ansgar Scherp, Syed Tahseen Raza Rizvi, Sheraz Ahmed, Andreas Dengel, Philipp Zumstein, and Annette Klein)

**Session 3B | Scientific Collections and Libraries I (3:30pm – 5:00pm) (EAD-506)**

**Session chair:**
- Jacob Jett (University of Illinois at Urbana-Champaign)

**Paper presentation:**
- **Short paper**: Building a Theoretical Framework for the Development of Digital Scholarship Services in China's Universities. (Lihong Zhou, Xinyu Lu, and Tim Zijlstra)
- **Short paper**: Formula Ranking within an Article. (Ke Yuan, Liangcai Gao, Zhuoren Jiang, and Zhi Tang)
- **Short paper**: Ranking Scientific Papers and Venues in Heterogeneous Academic Networks by Mutual Reinforcement. (Fang Zhang and Shengli Wu)
Session 3C | Multimedia Retrieval (3:30pm – 5:00pm) (EAD-514)

Session chair:
- Joan Smith (Old Dominion University)

Paper presentation:
- **Long paper:** An Adaptive Image-based Plagiarism Detection Approach. (Norman Meuschke, Christopher Gondek, Daniel Seebacher, Corinna Breitinger, Daniel Keim, and Bela Gipp)
- **Short paper:** Extending Multiple Diagram Navigation with Internal Diagram and Collection Connections. (Hisham Benotman and David Maier)

Posters and Demos (6:00pm – 8:30pm) (LIB-300)

- Acquiring Web Content from In-Memory Cache. Abhinav Kumar and Zhiwu Xie.
- Advantages of a Model-Based Library for Scientific Experiments. Susanne Putze, Robert Porzel, and Rainer Malaka.
- A Visualization Scheme for Multi-Entity Relationship. Peng Zhao, Yingzhen Zhu, Jifang Yu, Yin Zhang, and Jianguin Wu.
- Clustering Analysis-Based Approach to Detecting Entity Mixture in Knowledge Bases. Haihua Xie, Xiaoqing Lu, and Zhi Tang.
- Cross-language Citation Recommendation via Publication Content and Citation Representation Fusion. Zhuoren Jiang, Yao Lu, Liangcai Gao, and Xiaozhong Liu.
- Community-Driven Data Curation System for Reusability. Dong-Hoon Choi, and Eunsu Mo.
- Compiling Scholarly Profile Pages by Integrating External Authority Data. Atif Latif, Time Borst, and Klaus Tochtermann.
- Can Rough Co-citation Improve the Performance of Co-citation Clustering? Masaki Eto.
- Diversifying Citation Contexts in Academic Literature for Knowledge Recommendation. Yunhan Yang, Haihua Chen, Wei Lu, and Brenda Reyes Ayala.
- Digital Library System in Intelligent Infrastructure for Human-Centered Communities: A Qualitative Research. Yi Shen.
- Extraction of Main Event Descriptors from News Articles by Answering the Journalistic Five W and One H Questions. Felix Hamborg, Corinna Breitinger, Moritz Schubotz, Sören Lachnit, and Bela Gipp.
- Entity Name Extraction from Faculty Directories. João Mateus de Freitas Veneroso and Berthier Ribeiro-Neto.
- Generating Semantic Aspects for Queries. Dhruv Gupta, Klaus Berberich, Jannik Strötgen and Demetrios Zeinalipour-Yazti.
- Identification and Analysis of Converging Technology Based on Patent Co-Classification Relationship. Lucheng Lv, Tao Han, Yajuan Zhao, Xuezhaow Wang, and Ping Zhao.
- Keyphrase Extraction Based on Prior Knowledge. Guoxiu He, Junwei Fang, Haoan Cui, Chuan Wu, and Wei Lu.
- On the Contribution of Word-Level Semantics to Practical Author Name Disambiguation. Mark-Christoph Mueller.
- Providing Pin-point Page-level Precision to 1 Trillion Tokens of Text for Workset Creation. David Bainbridge, J. Stephen Downie, and Boris Capitanu.
- Preliminary Exploration of Knowledge Curation Activities in Wikidata WikiProjects. Timothy Kanke.
- Russian Troll Hunting in a Brexit Twitter Archive. Clare Llewellyn, Laura Cram, Adrian Favero, and Robin Hill.
- Surrogator: A Tool to Enrich a Digital Library with Open Access Surrogate Resources. Santosh Tokala Yaswanth Sri Sai, Debarshi Kumar Sanyal, Plaban Kumar Bhownick, and Partha Pratim Das.
- Signposting for Repositories. Martin Klein, Harihar Shankar, and Herbert Van De Sompel.
- System for Category-driven Retrieval of Historical Events. Yasunobu Sumikawa and Adam Jatowt.
- Time-Aware Diversified Query Suggestion. Xiaojuan Zhang and Lin Peng.
- Using Social Media and Scholarly Text to Predict Public Understanding of Science. Harish Varma Siravuri, Akhil Pandey Akella, Christian Bailey, and Hamed Alhooon.
- ViDeX: A Platform for Personalizing Educational Videos. Matthew Fong, Samuel Dodson, Ido Roll, and Sidney Fel.
- Which Parts of Search Results do Researchers Check when Selecting Academic Documents? Emi Ishita, Yasuko Hagiwara, Yukiko Watanabe, and Yoichi Tomiura.
Program Schedule

Tuesday, 06/05/2018

Keynote speech | Improving Research Outcomes Leveraging Digital Libraries, Advanced Computing, and Data (8:30am – 10:00am) (MET-124)

Speaker:
• Niall Gaffney (University of Texas at Austin)

Abstract: With the advancements in data driven research ushered in with the “Big Data” era, many research fields from astrophysics to genomics have discovered previously impossible outcomes including exoplanet detection and precision medicine. As with many other rapid changes, challenges are emerging now in extending the reach of these technologies to less computationally savvy fields that often have even more challenging computational problems to address. In this talk, I will explore some of the ways the Texas Advanced Computing Center (TACC) and others are creating environments to simplify onboarding new communities both through simple yet powerful user interfaces that feature the ability to preserve and publish data, computational workflows, and outcomes as linked yet separate entities. By linking, preserving, and making discoverable these entities, researchers new to these computational capabilities can more easily understand them often in a research context with which they are already familiar. By then seeing the details of how a result came from the data, they can more easily build upon the work of others or even begin new workflows tuned to their own research needs. I will talk out our collaboration with publishers and libraries to not only preserve and expose the links between these digital entities but allow for their recall into computational environments to either reproduce previous results or extend the research through additional data and/or new computational methods.

Session 4A | Quality and Preservation (10:30am – 12:00pm) (MET-124)

Session chair:
• Trond Aalberg (University of Malta)

Paper presentation:
• Long paper: Ranking Archived Documents for Structured Queries on Semantic Layers. (Pavlos Fafalios, Vaibhav Kasturia, and Wolfgang Nejdl)
• Short paper: Modeling Author Contribution Rate with Blockchain. (Muhammad Syafiq Mohd Pozi, Gopinath Muruthi, Adam Jatowt, and Yukiko Kawai)

Session 4B | Text Collections (10:30am – 12:00pm) (EAD-506)

Session chair:
• Jiangping Chen (University of North Texas)

Paper presentation:
• Long paper: Using Deep Learning for Title-Based Semantic Subject Indexing to Reach Competitive Performance to Full Text. (Florian Mai, Lukas Galke, and Ansgar Scherp)
• Short paper: Social Tagging: Organic and Retroactive Folksonomies. (Chris Holstrom)
• Long paper: A Query Algebra for Temporal Text Corpora. (Jens Willkomm, Christoph Schmidt-Petri, Martin Schäler, Michael Schefczyk, and Klemens Böhm)

Session 4C | Panel 2 (10:30am – 12:00pm) (EAD-514)

Title:
The Quill Project: Designing a Research Platform for Engaged Learning

Abstract: This panel addresses the opportunities and challenges of using multi-institutional collaborations and digital approaches to drive engaged-learning and archive-focused projects. It focuses in particular on the opportunities presented by the archives related to
the negotiation of constitutions and international treaties.

Panelists:
- Nicholas Cole (Oxford University) (moderator)
- Robert Johnson (Oxford University)
- Rodney Smith (Utah Valley University)
- Carl Scott (Utah Valley University)
- Samuel Cory (Utah Valley University)

Session 5A | Exploring and Analyzing Collections (1:30pm – 3:00pm) (MET-124)

Session chair:
- Federico Nanni (University of Mannheim)

Paper presentation:
- Long paper: Keep it Simple: Effective Unsupervised Author Disambiguation with Relative Frequencies. (Tobias Backes)

Session 5B | Scientific Collections and Libraries II (1:30pm – 3:00pm) (EAD-506)

Session chair:
- Dan Wu (Wuhan University)

Paper presentation:
- Long paper: Extracting Scientific Figures with Distantly Supervised Neural Networks. (Noah Siegel, Nicholas Lourie, Russell Power, and Waleed Ammar)
- Long paper: Improving the Representation and Conversion of Mathematical Formulae by Considering their Textual Context. (Moritz Schubotz, André Greiner-Petter, Philipp Scharpf, Norman Meuschke, Howard Cohl, and Bela Gipp)
- Long paper: Citation Recommendation Using Distributed Representation of Discourse Facets in Scientific Articles. (Yuta Kobayashi, Masashi Shimbo, and Yuji Matsumoto)

Session 5C | Archiving (1:30pm – 3:00pm) (EAD-514)

Session chair:
- Ian Milligan (University of Waterloo)

Paper presentation:
- Long paper: Biography, Ephemera, and the Future of Social Media Archiving. (Catherine Marshall)

Session 6A | Topic Modeling and Detection (3:30pm – 5:00pm) (MET-124)

Session chair:
- Lillian Cassel (Villanova University)

Paper presentation:
- Long paper: WELDA: Enhancing Topic Models by Incorporating Local Word Context. (Stefan Bunk and Ralf Krestel)
- Long paper: AUGUR: Forecasting the Emergence of New Research Topics. (Angelo Salatino, Francesco Osborne, and Enrico Motta)
Title:
Can Research Librarians Make Contributions to Decision-making as Intelligence Analysts? The Prospects and Challenges

Abstract: Intelligence analysis, or information analysis and knowledge discovery is vital for decision-making. It is a process of identifying, acquiring, analyzing, and synthesizing huge amount of data/information to provide insights and advice to decision-makers on critical decisions they must make. With the wealth of data available to library and information services, research librarians also have opportunities to play a significant role in decision-making by providing intelligence analysis services. It seems reasonable to assume that future research librarians could be data scientists and co-investigators who are equipped with advanced data management and analysis technologies. This panel is to discuss important questions and issues as related to developing information analysis and knowledge discovery services in U.S. research libraries, especially how research librarians be trained and equipped with new data analytical technologies for intelligence analysis.

Panelists:
- Wei Chen (Wuhan Branch of National Science Library of Chinese Academy of Sciences) (moderator)
- Jiangping Chen (University of North Texas) (moderator)
- Christopher Erdmann (North Carolina State University)
- Trevor Owens (Library of Congress)
- Tao Jin (Louisiana State University)
- Mark Phillips (University of North Texas)
Program Schedule

Wednesday, 06/06/2018

Keynote speech | Open Source Tech for Scholarly Communication: Why It Matters (8:30am – 10:00am) (MET-124)

Speaker:
- Carly Strasser (Strategic Development for the Collaborative Knowledge Foundation)

Abstract: We can all agree that current publishing and dissemination modes for scholarly communication are not optimized for speed or utility and are often impediments to advancing ideas and knowledge. I will discuss the current landscape of publishing tech, and what the Collaborative Knowledge Foundation (Coko) and its partners are doing to shake things up.

Workshop 2 | Workshop on Web Archiving and Digital Libraries (10:30am – 5:00pm) (EAD-703)

Organizers:
- Martin Klein (The Yale School of Public Health)
- Zhiwu Xie (Virginia Tech)
- Edward Fox (Virginia Tech)

Abstract: The 2018 edition of the Workshop on Web Archiving and Digital Libraries (WADL) will explore the integration of web archiving and digital libraries. The workshop aims at addressing aspects covering the entire life cycle of digital resources and will also explore areas such as community building and ethical questions around web archiving. This year, we are fortunate to welcome Dr. Michele Weigle from Old Dominion University as our keynote speaker. She will offer insights into her research on the personal use of web archives. In addition, the program highlights presentations, a poster and demo session, as well as a panel discussion by scholars from various disciplines and backgrounds. Further details about WADL can be found at: http://fox.cs.vt.edu/wadl2018.html.

Workshop 3 | Workshop on Image Collections: Creation, Organization, Access, and Use (10:30am – 5:00pm) (LIB-311)

Organizers:
- Wei Lu (Wuhan University)
- Jevin West (University of Washington)
- Brian O’connor (University of North Texas)
- Krystyna Matusiak (University of Denver)
- Qinghua Zhu (Nanjing University)
- Jason Lu (Cincinnati Children’s Hospital)
- Jiangping Chen (University of North Texas)

Abstract: This workshop will provide an opportunity for participants to exchange research ideas on image collections, including the creation, organization, access, and use (COAU) of various image datasets. We expect to discuss various theories, methods, techniques, challenges, and new research directions as related to image’s COAU. Especially we would like to explore innovative ideas on image annotation, retrieval, use behavior & personas, processing of different types of images, and visual image metrics. The workshop will allow researchers to communicate with their peers on projects and develop new ideas through presentation and discussion. We hope to establish a community of researchers from related disciplines and explore questions critical to the future development of image’s COAU. Participants of this workshop will be invited to submit a full paper to a special issue at The Electronic Library (http://www.emeraldinsight.com/journal/el) on Image Collections.

Workshop 4 | Workshop on Knowledge Discovery from Digital Libraries (10:30am – 5:00pm) (EAD-506)

Organizers:
- Hui Shi (Cal Poly Pomona)
- Wu He (Old Dominion University)
- Guandong Xu (University of Technology Sydney)

Abstract: JCDL 2018 Workshop on Knowledge Discovery from Digital Libraries is with the ACM/IEEE Joint Conference on
Digital Libraries in 2018. Valid, useful knowledge can help people make better predictions, support decision making. The goal of Knowledge Discovery is mainly to uncover hidden relationships between data with techniques from artificial intelligence, mathematics, statistics, and algorithms. Some of the characteristics that digital library has can make knowledge discovery easier. The objectives of the workshop are to explore: 1. Existing and novel techniques to extract and present knowledge from Digital Libraries 2. Advanced ways to organize and maintain Digital Libraries to facilitate Knowledge Discovery 3. Knowledge Discovery applications in Business 4. New challenges and technologies have been brought to the area of knowledge Discovery and Digital Libraries

**Workshop 5 | Workshop on Curative Power of Medical Data (MEDA 2018) (10:30am – 5:00pm) (EAD-514)**

**Organizers:**
- Daniela Gifu (Alexandru Ioan Cuza University of Iasi, Romanian Academy – Iasi Branch)
- Diana Trandabat (Alexandru Ioan Cuza University of Iasi, Romanian Academy – Iasi Branch)
- Kevin Cohen (University of Colorado Boulder)
- Jingbo Xia (University at Buffalo)

**Abstract:** MEDA 2018 Workshop on Curative Power of Medical Data is held at the 18th ACM/IEEE Joint Conference on Digital Libraries, JCDL 2018, in 6 June 2018, Fort Worth, Texas, US. In an era when massive amounts of medical data became available, researchers working in biological, biomedical and clinical domains have increasingly started to require the help of language engineers to process large quantities of biomedical and molecular biology literature (such as PubMed), patient data or health records. Linking the contents of these documents to each other, as well as to specialized ontologies, could enable access to and discovery of structured clinical information and foster a major leap in natural language processing and health research. MEDA-2018 aims to gather innovative approaches for the exploitation of biomedical data using semantic web technologies and linked data by bringing together practitioners, researchers, and scholars to share examples, use cases, theories and analysis of biomedical data. The main objective of this second edition workshop is to consolidate an internationally appreciated forum for scientific research in BioMed, with emphasis on crowdsourcing, semantic web, knowledge integration and data linking.
Things to Do in Fort Worth

Cultural District

**Kimball Art Museum**  
3333 Camp Bowie Blvd, Fort Worth, TX 76107

The Kimbell Art Museum is internationally renowned for both its collections and for its architecture. The Kimbell's collections range in period from antiquity to the 20th century and include European masterpieces by Fra Angelico, Michelangelo, Caravaggio, Poussin, Monet, Picasso and Matisse.

**Modern Museum of Art**  
3200 Darnell St, Fort Worth, TX 76107

Experience the world-renowned architect Tadao Ando's "Arbor for Art" in Fort Worth. The Modern Art Museum of Fort Worth maintains one of the foremost collections of international modern and contemporary art in the country. See the work of Andy Warhol, Jackson Pollock and Mark Rothko as well as special exhibitions.

**Amon Carter Museum of American Art**  
3501 Camp Bowie Blvd, Fort Worth, TX 76107

Designed by renowned architect Philip Johnson, the Amon Carter Museum of American Art houses a preeminent collection of nineteenth- and twentieth-century painting, sculpture, and works on paper, and it is one of the nation's major repositories of American photography.

**Fort Worth Museum of Science and History**  
1600 Gendy St, Fort Worth, TX 76107

Dedicated to life-long learning and anchored by its rich collections, the Fort Worth Museum of Science and History engages its diverse community through creative, vibrant programs and exhibits interpreting science and the history of Texas and the Southwest.

**National Cowgirl Museum**  
1720 Gendy St, Fort Worth, TX 76107

The National Cowgirl Museum and Hall of Fame was established in 1975 and is dedicated to honoring women of the American West who have displayed extraordinary courage and pioneering fortitude.

**Cattle Raisers Museum**  
1600 Gendy St, Fort Worth, TX 76107

This is the oldest and largest organization of its kind in the U.S. It first opened in 1980 to build public awareness and appreciation for ranching heritage. They relocated in 2009 to the Fort Worth Museum of Science and History, and maintain a vast exhibition dedicated to preserving and celebrating the history of the cattle industry.

**Fort Worth Botanic Garden**  
3220 Botanic Garden Blvd, Fort Worth, TX 76107

The Fort Worth Botanic Garden (109 acres) was established in 1934 and is the oldest botanic garden in Texas, with 2,501 species of native and exotic plants in its 21 specialty gardens. It is open daily. An admission fee is charged for the Conservatory and Japanese Garden; the other gardens are free.

**Casa Manana Theater**  
3101 W Lancaster Ave, Fort Worth, TX 76107
The historic Casa Mañana Theatre is the largest professional Broadway and Children's Theatre producer in Fort Worth. In addition to producing critically-acclaimed shows, Casa Mañana houses a nationally-recognized theatre school that offers classes in musical theatre, acting, voice and dance.

**Fort Worth Zoo**
1989 Colonial Pkwy, Fort Worth, TX 76110

The oldest continuous zoo site in Texas, the Fort Worth Zoo was founded in 1909 with one lion, two bear cubs, an alligator, a coyote, a peacock and a few rabbits. From these humble beginnings, the Zoo has grown into a nationally ranked facility, housing more than 7,000 native and exotic animals.

**Historic Stockyards**

**Billy Bob’s Texas**
2520 Rodeo Plaza, Fort Worth, TX 76164

Billy Bob's Texas is the world's largest honky-tonk. This place is huge (three acres!), with its own indoor rodeo arena for professional bull riding, a Texas-size dance floor, dozens of bar stations, plus restaurants, arcade games, a Wall of Fame with celebrity handprints, and a general store. It is also an amazing 10-time winner of country music’s “Club of the Year.” Be sure to check the concert schedule on the Billy Bob’s Web site – your favorite performer just might be in town!

**Cowtown Cattle Pen Maze**
145 E Exchange Ave, Fort Worth, TX 76164

The Cowtown Cattlepen Maze is a unique form of entertainment for the entire family, group or class field trip. With over 5,400 square feet of frequently changed wooden pathways, resembling the cattlepens of the old west, the maze is always a challenge! Maze runners can compete against the clock, family, friends, or just for fun, attempting to locate multiple check points throughout the maze in a given time, to qualify for Amaze'n prizes.

**Fort Worth Herd Cattle Drive**
131 E Exchange Ave, Fort Worth, TX 76164

The Fort Worth Herd is the world's only twice daily cattle drive, held every day at 11:30 AM & 4:00 PM in the Fort Worth Stockyards.

**Historic Walking Tours**

Take a historical walking tour and learn about the colorful history of the Fort Worth Stockyards! Walking tours visit historic locations throughout the Stockyards. A personal tour guide will walk you through the Stockyards and share historical facts, culture and stories. Book at: [http://www.fortworthstockyards.org/historic-walking-tours](http://www.fortworthstockyards.org/historic-walking-tours)

**Stockyards Championship Rodeo**
121 E Exchange Ave, Fort Worth, TX 76164

The world's only year-round rodeo every Friday and Saturday night at 8:00 pm in the historic Fort Worth Cowtown Coliseum. The two-hour Stockyards Championship Rodeo maintains a strong commitment to visitors looking for an authentic Western Cowboy Experience.

**Downtown Fort Worth**

**Fort Worth Water Gardens**
1502 Commerce Street, Fort Worth, TX 76102

The Fort Worth Water Gardens is a beautiful and refreshing oasis adjacent to the Fort Worth Convention Center. Designed by Phillip Johnson, the Fort Worth Water Gardens is an architectural and engineering marvel to be enjoyed any time of the year. Visitors can experience a variety of water features as they wander through this relaxing urban park.
Sundance Square
201 Main St, Fort Worth, TX 76102

Sundance Square is the name of a 35-block commercial, residential, entertainment and retail district in downtown Fort Worth, Texas. Named after the Sundance Kid in western folklore, it is a popular place for nightlife and entertainment in Fort Worth and for tourists visiting the Dallas/Fort Worth Metroplex. The area includes numerous hotels, restaurants, condos, lofts, shops, museums, bars, clubs, a movie theatre, performing arts, concerts and festivals throughout the year.

Places to Eat and Drink

West 7th St.

Blue Mesa
612 Carol Street, Fort Worth, TX 76107

Blue Mesa Grill delivers the bold, colorful tastes of the Southwest daily at lunch and dinner, plus a popular Sunday brunch buffet. Don't miss trying a custom margarita - the bar has over 100 tequilas

Chuy’s
12401 W. 7th St., Fort Worth, TX 76107

The original Chuy’s restaurant was started in an abandoned barbecue joint in Austin. Now it enjoys a cult-like following and maintains a reputation of being the most fun and friendly spot to eat Mexican food at a great price

**Cork and Pig Tavern
2869 Crockett St, Fort Worth, TX 76107

The Cork & Pig Tavern is a unique, chef driven blend of brick oven pizzas, gourmet salads, and an array of signature entrees, sandwiches, and mouthwatering apps and sides. Complimented by our expansive wine selections, craft beers, and specialty cocktails, you're sure to find the Cork & Pig Tavern to be an exciting environment for friends and family to relax, laugh, and dine.

Eddie V’s Prime Seafood
3100 W. 7th St., Fort Worth, TX 76107

Eddie V’s Prime Seafood is inspired by the culinary styles of the great seafood restaurants of New Orleans, San Francisco and Boston, yet with a dapper decor that nods to early-Vegas cool. Flown-in-daily seafood and USDA prime, center-cut aged steaks are paired with bold sauces and stunning sides, blending New American cuisine with Gulf Coast and Asian influences. The sleek V-Lounge offers dining and live music nightly.

Gloria’s Restaurant
2600 W. 7th St. #175, Fort Worth, TX 76107

Gloria's offers an alfresco dining area and indoor margarita bar. The menu runs Tex-Mex combos alongside Salvadoran favorites. The carne flameada featured slices of tender grilled beef (chicken also offered) topped with onions and mushrooms and melted cheese.

Mash’d
2948 Crockett St., Fort Worth, TX 76107

Mash'd brings moonshine to Fort Worth, a modern-American and internationally influenced scratch kitchen with a rebellious twist centered around moonshine mixology. Enjoy the 360 bar, opened up to a large, lively patio. Mash'd is your place to gather with friends and family to celebrate life.

Righteous Foods
3405 W. 7th St., Fort Worth, TX 76107

Righteous Foods is a clean-eating dining concept that focuses on organically sourced products good for the mind, body and soul. Chef Lanny Lancarte II proves that clean can be crave-worthy with breakfast, lunch and dinner options.

**Rodeo Goat**
2836 Bledsoe St., Fort Worth, TX 76107

Rodeo Goat has a large selection of Texas and American craft beers to accompany the fun burger creations you won’t find anywhere else, with toppings like peanut butter, grilled peaches or candied bacon.

**Steel City Pops**
908 Currie St., Fort Worth, TX 76107

Steel City Pops makes incredible gourmet popsicles that will make your tastebuds sing! They use only natural ingredients, no refined sugars or HFCS and local produce when possible - creating a healthy, delicious treat. Steel City Pops offers everything from traditional flavors to the more exotic. So, whether your style is Strawberry or Pineapple Jalapeno, you’ll find exactly what you're craving.

**Terra Mediterranean Grill**
2973 Crockett St., Fort Worth, TX 76107

This trend-setting eatery features a cool décor and a menu of Mediterranean favorites like hummus, lamb chops and kabobs.

**Velvet Taco**
2700 W. 7th St., Fort Worth, TX 76107

Located in the thriving Seventh Street area of Fort Worth, Velvet Taco is a quirky and nontraditional taco shop featuring a menu of globally inspired tacos crafted with local ingredients.

**Downtown/Sundance Square**

**Bird Café**
155 E. Fourth St., Fort Worth, TX 76012

Created by noted restaurateur Shannon Wynne, Bird Cafe is a chef-driven restaurant where the focus is on delicious and delectable shared plates. Signature items include the Monte Cristo sandwich special, “Moth balls,” pot pies, and mussels. Many ingredients are locally sourced, and the restaurant offers an extensive selection of wines and craft beers. Located in the historic Land Title Building, the split-level design features more than 6,400 square feet of indoor space and 2,300 square feet of patio space looking out on Sundance Square Plaza. The restaurant’s avian theme is evident in the art on the walls: gorgeous watercolors of birds painted by Fort Worth artists Scott and Stuart Gentling.

**Del Frisco’s Grille**
154 East 3rd St., Fort Worth, TX 76102

This upscale American upscale bar and grille will have your stomach singing a happy tune, whether you order prime steaks, gourmet burgers, or seafood. Pair your feast with a bottle of wine from the extensive wine list, or enjoy an ice-cold, crafted brew. The two-tier restaurant, complete with an outdoor patio right on Sundance Square Plaza is a comfortable place to take in the sights and sounds of Sundance Square. The decor blends industrial and lush elements to create an atmosphere that is simultaneously stylish, social, and relaxed.

**Istanbul Grill**
401 Throckmorton St., Fort Worth, TX 76102
Experience the magical taste of the Mediterranean with authentic recipes prepared with the finest ingredients. Enjoy a mouth-watering menu featuring lentil soup, humus, falafel, lamb, and other delicious Mediterranean cuisines.

**Little Red Wasp**  
808 Main St., Fort Worth, TX 76102

Simple, brick-walled eatery boasting a full bar with ample beers, American eats & weekend brunch.

**Mi Cocina**  
509 Main St., Fort Worth, TX 76102

This family-friendly, Tex-Mex restaurant has been a hot spot in Sundance Square for many years. Everything you want is here: cold beverages, a warm and friendly staff, comfortable surroundings, and great-tasting food, including guacamole and nachos, Tex-Mex favorites, and Mi Cocina classics like Sunset Enchiladas, Ernie’s Chicken, Flame-Grilled Fajitas, and Carne Asada. If you’ve never tried a Mambo Taxi, you need to correct that as soon as possible. Dine indoors in style or take a break on the outdoor patio.

**Taverna Pizzeria and Risotteria**  
450 Throckmorton St., Fort Worth, TX 76102

Taverna Pizzeria and Risotteria offers an elaborate selection of ultra thin-crust pizzas, specialty risottos (the flagship dish), traditional antipasto, and sumptuous Italian entrees all from the Lombardi family. The chefs strive to create the perfect dishes using seasonal ingredients, and the entire restaurant is devoted to Italian hospitality, farm-to-table cooking, and authentic flavors. Taverna can also help with gluten-free choices for lunch, brunch, and dinner.

**Waters**  
301 Main St., Fort Worth, TX 76102

Waters is a premium coastal cuisine from world-renowned, chef Jon Bonnell. Featuring wild, seasonal and sustainable seafood, including raw bar and numerous daily specials from around the world.

**Near Southside/Magnolia Ave.**

**Avoca Coffee**  
1311 W. Magnolia Ave., Fort Worth, TX 76104

The standards are high, but the atmosphere is relaxed at this artisanal coffee shop. Using organically grown, single-origin beans that are roasted onsite, the baristas here pour the perfect espresso to enjoy in the light-filled, lounge-able surroundings.

**Brewed Coffee and Pub**  
801 W. Magnolia Ave., Fort Worth, TX 76104

Soups, sandwiches, salads and small plates made with locally sourced organic ingredients are on the menu at this coffeehouse/pub. Wash it all down with coffee from local roasters, a lovely tea, or one of the dozens of craft beers.

**Cane Rosso**  
8015 W. Magnolia Ave., Fort Worth, TX 76104

Cane Rosso is the only place in Texas where you can enjoy an authentic Neapolitan pizza cooked by an authentic Neapolitan. Classic thin crust Neapolitan pizza crafted with ingredients made daily in-house, craft beers, and cool wine is what you will find at Cane Rosso Fort Worth.

**Cannon Chinese Kitchen**  
304 West Cannon St., Fort Worth, TX 76104

We serve traditional-inspired Chinese cuisine with an emphasis on the freshest ingredients prepared from scratch. Set in a restored
1920s home, striking wallpaper and plush furniture help creates a fun environment with the warmth of dining at grandmas.

**Ellerbe Fine Foods**  
1501 W. Magnolia Ave., Fort Worth, TX 76104

Ellerbe Fine Foods highlights local and seasonal ingredients in its innovative farm-to-table cuisine. The restaurant’s cozy-yet-airy, elegant-meets-minimalist style provides the perfect location to linger for an evening of food and wine, meet for a business lunch, enjoy a preshow supper or dinner with friends, celebrate a special occasion, or share a nightcap of dessert and coffee. Visit the in-house Ellerbe Market for boutique wines and specialty condiments.

**Heim BBQ**  
1109 W. Magnolia Ave., Fort Worth, TX 76104

We pride ourselves on traditional Texas Style Barbecue, the slow and low process of creating tender savory smoked meats that let the flavor speak for itself. Our Barbecue is a combination of great product and meticulous technique which yields an unrivaled consistency in profile and texture. Heim Family recipes are the basis for our menu and we love sharing the end result with you and yours.

**Shinjuku Station**  
711 W. Magnolia Ave., Fort Worth, TX 76104

The casual, trendy Shinjuku Station is an izakaya-style restaurant, serving traditional Japanese cuisine in small plates that are perfect for sharing. The full bar includes handcrafted cocktails and an extensive sake list.

**Spiral Diner and Bakery**  
1314 W. Magnolia Ave., Fort Worth, TX 76104

Spiral Diner & Bakery is a vegan/organic restaurant whose delicious meals and snacks appeal to both herbivores and carnivores. Notable creations include tofu migas, an omelet-like dish with tofu, black beans and corn on chips and tortillas, and “I Scream,” a nondairy frozen dessert that tastes like homemade ice cream.

**Torchy’s Tacos**  
928 Northton St., Fort Worth, TX 76104

Ready for a different kind of taco? This Austin-based mini-chain experiments with fresh new combos like the Trailer Park (fried chicken nuggets topped with green chile sauce) and the Independent (deep-fried portobello with refried black beans and roasted corn). Housemade salsas provide the perfect kick. The full bar, which extends from dining room to patio, stocks local beers, indie fountain drinks, and two dozen varieties of tequila.

** UNTHSC staff favorites!**
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