

The 2017 ACM/IEEE Joint Conference on Digital Libraries (JCDL) Doctoral Consortium Special Issue

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The Doctoral Consortium (DC) is an integral part of the annual ACM/IEEE Joint Conference on Digital Libraries (JCDL). The DC has a proud tradition of bringing young doctoral researchers from different countries in contact with senior established professors, practitioners and researchers to explore their mutual interest and answers to open questions associated with modern digital libraries. The 2017 ACM/IEEE JCDL DC was held on June 19, 2017 at the Faculty of Information building room 313 of the University of Toronto, located at 140 St. George Street, Toronto, ON, M5S 3G6. Like prior JCDL DC meetings, the 2017 event provided a friendly and collegial forum for doctoral student participants to present their research ideas to an audience eager and willing to deliver constructive feedback and thoughtful suggestions for improvement.

Eight PhD students were made to 2017 DC. The students came from University of North Texas, University of North Carolina at Chapel Hill, University of Kwa-Zulu Natal, South Africa, and Indian Institute of Technology Kharagpur, India. Among them, 4 students from the University of Kwa-Zulu Natal, South Africa. To be considered for the JCDL DC, each student submitted an extended abstract outlining their doctoral thesis research questions, methods, and research plans. The abstracts underwent classic single-blind review by the senior researchers of the DC Mentors group. Those submitters whose work showed clarity of expression, promising research questions and a desire to engage in some depth with fellow DC participants and senior mentors were asked to join the DC meeting in Toronto.

The actual event on 19 June 2017 was a full working day of student presentations, faculty and student feedback sessions, and roundtable discussions on the topic of developing a successful research project from start to finish. After the DC meeting, each student participant was encouraged to revise their original extended abstracts in response to the feedback of the mentors and fellow students. These revised abstracts were then submitted to the Bulletin of the IEEE Technical Committee on Digital Libraries where they underwent a final round of review and revision. We here present the revised submission of the eight original abstracts. The topics included in this special issue reflect the wide range of questions being addressed in contemporary digital library research. The included abstracts exploring information quality in Web archives, the pragmatics of metadata,

knowledge management capability in nursing care performance, electronic information resource services sustainability strategies, the influence of information and communication technology skills on knowledge sharing among librarians, the use of social media in library and information services, scientific peer-review system, and the popularity of academic entities in multiple perspectives. As one can see, the topics are as diverse as the students who are investigating them with such curiosity and passion.

We must thank all who helped make the 2017 DC event and its subsequent special issue a success. This includes the members of the JCDL 2017 Organizing and Program Committees. A special thank you is made to the DC Respondents and Mentors who devoted much time and thoughtful effort in reviewing the submissions, engaging with the student submitters, and then help to revise the final papers for publication. Our sponsors included the University of Toronto, The ACM SIGIR, and the IEEE TCDL.

JCDL 2017 Doctoral Consortium Participants

Co-Chairs

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J. Stephen Downie	University of Illinois, USA
Sampath Jayarathna	California Polytechnic University

Mentors and Respondents

Sally Jo Cunningham	Waikato University, New Zealand
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Richard Furuta	Texas A&M University, USA
Michele Weigle	Old Dominion University, USA
Edie Rasmussen	University of British Columbia, Canada
Michael Nelson	Old Dominion University, USA
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