2016 Program Summary Report

School of Information Sciences Board of Visitors
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Principal Investigator: Dr. Ronald L. Larsen
Co-Principal Investigator: Dr. Rosta Farzan
Project Director: Mr. Michael Depew

Project Overview

The iSchool Inclusion Institute (i3) was developed to address a critical problem within the information sciences: *a lack of diversity among students and faculty*. i3 is based on the premise that a faculty that represents the diversity of the overall population will draw students into the information professions and the academy. Each year 25 undergraduate students from across the country are selected to become i3 Scholars. i3 Scholars undertake a year-long experience that includes two summer institutes held at the University of Pittsburgh and a year-long team research project. The ultimate goal of i3 is to create a pipeline of underrepresented students into information science graduate programs, and eventually, for those students to become faculty at the iSchools.

Renewed Funding

The Andrew W. Mellon Foundation awarded the School of Information Sciences with a grant of $850,000 in June 2016 to continue its support of i3. This award will support i3 through June 2019 and includes funding for a full-time Assistant Director position. An additional 75 i3 Scholars will be recruited and developed over the three year period.

Assistant Director

Kayla Booth, PhD candidate at the College of Information Sciences and Technology at Penn State University, has been hired to serve as i3 Assistant Director, beginning December 1, 2016. Kayla is completing her PhD under the guidance of Eileen Trauth. Kayla was one of four i3 PhD Teaching Fellows and co-taught a two-week module on research design to the 2016 i3 Scholars.

In addition to serving as Assistant Director, Kayla will join the iSchool faculty as a Visiting Assistant Professor and will teach two classes during the year. Kayla's research interests include youth and health information seeking behavior, information quality and trust in social media, and diversity and social inclusion within STEM (Science, Technology, Engineering, and Math) fields.

Additional Accomplishments

2016 Cohort Demographics

The 2016 cohort consisted of 25 students from 18 universities/colleges in 14 different states and territories. The cohort included 14 female and 11 male students. Average GPA at time of admission was 3.38/4.00.

Program Completion Rate

Completion rate per cohort has increased steadily, with over 95% of last year's i3 Scholars participating in, and completing all phases of the program.

Table 1: i3 Cohort Sizes & Completion Rates

Cohort	# of Students Enrolled	# of Students to Complete Program	Completion Rate
2011	21	15	71%
2012	19	17	89%
2013	20	18	90%
2014	24	22	92%
2015	26	25	*96%*
2016	25	*In Progress*	*In Progress*
Total	**135**	**--**	**--**

i3 Scholar Graduate Admissions

A total of 31 i3 Scholars (36% of students who have completed a bachelor's degree) have started and/or completed graduate programs. Of the 31 students, two students are completing PhDs.

Alumni Reunion

The i3 Alumni Association organized and hosted a reunion event at the 2016 summer institute. The alumni reunion included a networking reception, professional development seminars, an alumni panel, and the inaugural alumni awards event. More than 75 i3 Scholars attended the event.

New Publications

A total of 8 research projects were submitted to conferences in AY 2016 and all were accepted for publication. Projects covered a wide range of topics and methods. i3 had its largest showing ever at iConference 2016, hosted by Drexel University, with 19 Scholars and 4 research advisors in attendance to present 6 projects.

Projects were also accepted at CSCW 2016 (ACM Computer-Supported Cooperative Work and Social

Computing) and IEEE SeGAH 2016 (International Conference on Serious Games and Applications for Health). Cristina Robles Bahm, PhD candidate at the iSchool at Pitt, worked with i3 2013 alum, Josue Reyes, to rework their project, "Crowdfunding: Applying Collective Indexing of Emotions to Campaign Videos," and submit it to CSCW. Dmitriy Babichenko, iSchool Professor of Practice, led his team's effort to submit their project, "Designing the Model Patient: Data-Driven Virtual Patients in Medical Education" to SeGAH.

The following papers and posters were published at conferences by i3 Scholars from the 2013, 2014, and 2015 cohorts.

- Josue Reyes and Cristina Bahm. 2016. Crowdfunding: Applying Collective Indexing of Emotions to Campaign Videos. In *Proceedings of the 19th ACM Conference on Computer Supported Cooperative Work and Social Computing Companion* (CSCW '16 Companion). ACM, New York, NY, USA, 385-388. DOI=http://dx.doi.org/10.1145/2818052.2869075
- D. Babichenko, M. Druzdzel, L. Grieve, R. Patel, J. Velez, T. Neal, J. McCray, R.-D. Wallace, and S. Jenkins, "Designing the Model Patient: Data-Driven Virtual Patients in Medical Education," in Proceedings of IEEE SeGAH 2016 4th International Conference on Serious Games and Applications for Health, 2016.
- Morgan, Corrin; Alexander, Erika; Watts, Jerome; Noble, Aaron; Haimson, Oliver L. "#ReproHealth: a state-based investigation of reproductive health rights policy and social media activity," *iSchools iConference 2016-03-15*. http://hdl.handle.net/2142/89391
- Valderrama, Jose; Rawley, Laure; Smith, Simon; Whiting, Mark. "The customer is always right: analyzing existing market feedback to improve TVs," *iSchools iConference* 2016-03-15. http://hdl.handle.net/2142/89411
- Ballintine, Llonae Popley; Luna, Denryl; Perez, Monique; Bishop, Ervin; Kilgour, Lauren. "Sex offenders and interoperability in e-government: a qualitative analysis of SORNA compliance in Florida and Texas," *iSchools iConference* 2016-03-15. http://hdl.handle.net/2142/89398
- Williams, Bre'Ona Janese; Bengert, Alina; Ward-Caldwell, Brenasia S. "Hacked: a qualitative analysis of media coverage of the Sony breach," *iSchools iConference* 2016-03-15. http://hdl.handle.net/2142/89417
- Ly, Rebecca; Hinton, Marc; Monayong Jr., Dominique; Colon, Miguel. "Beyond childhood: mobilizing applications for adults with autism," *iSchools iConference* 2016-03-15. http://hdl.handle.net/2142/89382
- Bahm, Cristina Robles; Domingo, Trishia; Falana, Aderinsola; Hampton, Nekia; Hedayati, Maryam; Maurat, Ruth. "The role of cognitive maps in familiarity and wayfinding," *iSchools iConference* 2016-03-15. http://hdl.handle.net/2142/89387