CURRICULUM VITAE

John O'Donovan

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Education

National University of Ireland (UCD)	B.Sc (Hons.) Computer Science.	2001
National University of Ireland (UCD)	MS Computer Science	2005
National University of Ireland (UCD)	PhD Computer Science	2008

Area of Specialization

Artificial Intelligence, Human-Computer Interaction, Social Computing. My research background is in AI, with focus on recommender systems and interactive interfaces. In my research I combine facets from data mining, machine learning, personalization systems, cognitive science, Ux design and experimentation to explore and improve our use of automated tools to deal with big data.

Appointments

2018-   Lecturer, Department of Computer Science, University of California, Santa Barbara.

2017-   Associate Researcher II, Department of Computer Science, University of California, Santa Barbara.

2015-2017   Associate Researcher I, Department of Computer Science, University of California, Santa Barbara.

2015-16   Lecturer, Department of Computer Science, University of California, Santa Barbara.

2010-2012   Assistant Researcher II, Department of Computer Science, University of California, Santa Barbara.

2013-2014   Assistant Researcher IV, Department of Computer Science, University of California, Santa Barbara.

2012-2013   Assistant Researcher III, Department of Computer Science, University of California, Santa Barbara.

2009-2010   Associate Research Specialist, Department of Computer Science, University of California, Santa Barbara.

2007-2008   Postdoctoral Researcher, Department of Electric and Computer Engineering, UC Santa Barbara.

2005-2006   Visiting Researcher, Dept. of Computer Science, University of Southern California, Los Angeles

Professional Organizations

- Association for Computing Machinery (ACM)
- Institute of Electrical and Electronics Engineers (IEEE)
- Artificial Intelligence Association of Ireland (AIAI)

Awards

- **Best Paper Award** at 2018 ACM International Conference on User Modeling and Personalization (UMAP'18), Singapore, July 2018.

- **Best Paper Award** at 2017 IEEE International Conference on Global Communications. (Globecom'17) Singapore, December 2017.

- ACM Inaugural Award in 2017 for **Most-Influential-Paper** in Intelligent User Interfaces (IUI) conference series (24 years running) for "Trust in Recommender Systems" (http://dl.acm.org/event.cfm?id=RE306).   Award and invited talk given at IUI in Cyprus, March 2017.

- Association for Computing Machinery, **Recognition of Service** Award, April 2016.

- **Best Paper Award** at IEEE International Conference on Cognitive Methods in Situational Awareness and Decision Support (CogSIMA'14), San Antonio, Texas. March 2014: *"Decision-making in Abstract Trust Games: A User Interface Perspective".*

- **Best Paper Award** at IEEE International Conference on Social Computing (SocialCom'13). Washington DC, September 2013: *"Understanding Information Credibility on Twitter".*

- Irish **National Dissertation Award Nominee**, 2008. One of 6 national finalists across all science and engineering fields.

- Best paper award nominations: ACM IUI 2005, AAAI FLAIRS 2006, IEEE SocialCom 2011.

PART I.   TEACHING

As an Associate Researcher, I am not expected to teach regularly, but I am passionate about teaching and have always enjoyed it. In Spring 2018 I taught an undergraduate course on human computer interaction at UCSB (CS-185) and in Fall 2018 I teach an interdisciplinary course about Visualization (CS594).   In 2015 I was appointed as a temporary lecturer in the CS department, UCSB, in addition to my research appointment. I have been involved as lecturer or organizer of CS290D graduate course on Network Science at UCSB since then.   Prior to this, I performed various unofficial teaching duties. I regularly present guest lectures and seminars, as detailed in Part II. In Winter quarter of 2015, I co-designed and co-taught graduate course NS202 / CS290D on Network Science with Tobias Höllerer at UCSB.   In Fall 2015, I designed and taught the IGERT mini-course on Visualization at UCSB. Previously, I have worked as a teaching assistant to all levels of undergraduate, Higher Diploma and Masters classes in both Computer Science and Engineering at University College Dublin, Ireland.   My teaching focus included Networks, Java, Multimedia, AI, Introduction to IT, C Programming, Intro to UNIX and various other courses. I enjoy helping students, and have volunteered on various PhD and MS committees.

PhD Committees

Student	Year Degree Completed	Chair/Member/ Examiner	Optional Info (e.g., current employment)
Pigi Kouki	--	Member (External)	CS Dept., University of California, Santa Cruz. Expected Graduation, Feb 2018 (Chair Lise Getoor)

Hyman Tsai	--	Member (External)	CS Dept., University of Pittsburgh. Expected Graduation, Jul 2018 (Chair: Peter Brusilovsky)
James Schaffer	2017	Member (Internal, with written exception from UCSB graduate division)	CS Dept., UCSB.
Byungkyu Kang	2016	Member	CS Dept., UCSB.
Ivana Andjelkovic	2016	Member	Media Arts and Technology Program, UCSB.
Svetlin Bostandjiev	2013	Member	CS Dept., UCSB

MS Committees

Student	Year Degree Completed	Chair/Member/ Examiner	Optional Info (e.g., current employment)
Byungkyu Kang	2013	Member	CS, UCSB
Adam Ibrahim	2018	Language learning in Augmented Reality	CS, UCSB

Students Mentored (in addition to the above list)

Student	Year	Project	Affiliation
Yi Ding	2018-	Emotion detection from multimedia with Deep Learning	CS, UCSB (PhD Student)
Brandon Hyung	2016-	Language learning with Augmented Reality	CS, UCSB (PhD Student)
Ayme Thompson	2014-2015	Utterance Detection for Attention Analysis in Computer-based Experiments	CS, UCSB (PhD Student)
Nicholas Davis	2015	A Generic Visual Recommendation Engine	CS, UCSB (Undergraduate) (for course credit)
Mudit Uppal	2015	Recommender systems for the Auto Industry.	CS Dept, UCSB (MS Student)

Anastasiya Lazareva	2014	Machine Learning and Visualization of Cognitive Behavior Data	Bren School, UCSB (PhD Student)
Carrie Segal	2014	SideStories: Interactive Illustration for Creative Writing	ECE, UCSB
Yun Teng	2012-2013	Trust and User Interfaces: Diner's Dilemma; Statistical Evaluation of Graphs in the WiGis framework.	CS, UCSB (MS Student)
Greg Meyer	2011-2013	WiGis Graph Visualization and Statistical Analysis	CS, UCSB
Brynjar Gretarsson	2009-2013	Graph Interaction and Manipulation for the Social Web	CS, UCSB.
Gabriel Castanon	2009	Automatic tagging of Retinal Cells based on Collaborative Filtering of Image Tags.	ECE Dept, UCSB
Richard Cai	2009	Image Search in the CORTINA database	ECE Dept., UCSB / UC San Bernardino

Visitors Hosted

Name	Year	Project	Affiliation
Martin Hering	Spring/Summer 2017	Climate data visualization on UCSB's Allosphere system.	Ludvig Maximillian University, Munich, Germany. (MS Student)
Antti Kangasraasio	Spring 2016	Short visit to discuss and give seminar on interfaces for recommendation systems.	Aalto University, Finland. (PhD Student in Prof. Samuel Kaski's group)
Shinsuke Nakajima	2015-2016 (1 year)	Sabbatical Visit to work on Recommender Systems research	Kyoto-sangyo, University Japan (Associate Professor)
Nava Tintarev	Summer 2015 (2 months)	Scottish Govt. Grant to support visit to O'Donovan/UCSB for research on Recommender Systems	University of Aberdeen, Scotland (Research Fellow) T.U Delft (Assistant Professor)
Laura Marusich	Summer 2015 (1 week)	Short visit to conduct joint study on interactive graph analysis.	Army Research Lab. (Researcher)
Aaron Quigley	Spring 2011	Short visit to discuss visualization research at HIT lab in Tasmania.	St. Andrews University (Full Professor).

PART II. PROFESSIONAL ACTIVITIES

Lectures Presented (2010 onwards, prior information available upon request)

Date	Title	Meeting/Place
11/29/2018	Augmented Reality for Learning	Department of Education, UCSB. (Host, Dorothy Chun)
06/06/2018	AI and Explanations	Invited talk at IBM Research, Cambridge MA. (Host: Werner Geyer)
14/11/2017	An Introduction to User Experimentation for Network Science Applications.	UC Santa Barbara IGERT Invited Lecture. (Host: Ambuj Singh)
01/10/2017	Artificial Intelligence and Society	Santa Barbara Humanist Society. Invited Lecture (with William Wang, UCSB)
03/09/2017	Awareness interfaces for recommender systems.	Keynote talk at the IUI AWARE workshop, Limmasol, Cyprus.
12/18/2016	Trust in Recommender Systems	Invited talk at IUI'17 (Highest impact paper talk and discussion panel). With Barry Smyth
12/18/2016	The Explainable Future of Artificial Intelligence	Invited Talk scheduled for December 18th at the School of Informatics. Kyoto University, Japan. (Host: Prof. Katsumi Tanaka and Prof. Shinsuke Nakajima)
12/14/2016	Recommendation and Explanation: A History and Outlook.	Invited Talk scheduled for December 14th at the Computer Science Dept. Aalto University, Finland. (Host: Prof. Samuel Kaski)
12/8/2016	Overview of research in UCSB's FourEyes Lab. (With M.Turk)	Short Talk at TAUCHI Research lab, University of Tampere, Finland. (Host: Prof. Roope Raisamo)

11/29/2016	Mid-air annotations using the HoloLens Device	Demo at the US Navy I-ITSEC conference. Orlando, Florida. (with T. Höllerer)
07/07/2016	An Analysis of Dropout Rates in Two MOOC Courses.	Talk given at the ASONAM conference in San Francisco, CA.
09/13/2016	A Cross Cultural Analysis of Cosmetic Product Reviews.	Talk given at IBM, Cambridge, MA (IntRS'16 Workshop)
17/06/2016	Transitional Research in Interactive Data Analysis (with T. Höllerer and J. Schaffer)	Talk given at the new ARL WEST facility in Santa Monica, CA. (host: Tien Pham, ARL)
11/04/2015	Interactive Recommender Systems. (with B. Kang)	Talk given at Spatial Center, brown bag forum. UCSB Dept. of Geography.
05/29/2015	Introduction to social computing and data interaction research at FourEyes lab, UCSB.	Talk and Demos given at UC Santa Barbara Media Arts and Technology Program End of Year Show 2015.
08/26/2015	Explanation and Control in Recommender Systems	Yahoo! Labs invited seminar (with Nava Tintarev), Sunnyvale, CA.
05/23/2015	Network-based Decision Making research at UCSB	Talk given at US Army Research Network Science program (NS-CTA) annual meeting, Delaware VA, jointly with Sibel Adali and Jennifer Mangels
04/29/2015	General Chair's Introduction to ACM IUI 2016 Conference	Talk at ACM IUI 2015 conference, Atlanta Georgia. With Jeff Nichols
09/13/2014	Interaction and Decision Making for Recommender Systems: Introduction and Wrap-up presentations.	IntRS workshop at ACM Recommender Systems Conference, 2014
09/13/2014	Dynamics of Human Trust in Recommender Systems.	ACM Recommender Systems Conference, 2014. Poster presentation and video interview. (with Jason Harman)
06/13/2014	Information based Decision Making and Trust in Networks	Talk given at US Army Research Network Science program (NS-CTA) annual meeting, jointly with Sibel Adali and Jennifer Mangels
06/12/2014	Scalable Recommendation of Credible Information	Talk given at US Army Research Network Science program (NS-CTA) annual meeting.

05/27/2014	Competence Modeling in Twitter: Mapping Theory to Practice	Talk given at the International Conference on Social Computing, Stanford University, California.
2/7/2014	Mining, Modeling and Visualizing Information from the Social Web	Talk given at the University of California Santa Barbara NSF IGERT program orientation meeting. Hosted by Tim Robinson and Ambuj Singh
2/5/2014	Introduction to Recommender Systems	UC Santa Barbara Technology and Management Program, Invited Lecture. Hosted by Jill Feldman
05/22/2015	Introduction to Deep Learning	FourEyes Lab Research seminar talk given at MAT department, UCSB.
12/06/2013	Trust, Recommendations and the User Interface	UC Santa Barbara Dept. of Electric and Computer Engineering, Visual Cafe Seminar Series Talk. Hosted by Pradeep Sen.
07/11/2013	A Model-based Evaluation of Trust and Situation Awareness in the Diner's Dilemma Game.	22nd Conference on Behavior Representation in Modeling and Simulation. (BRiMS). Carlton University, Ottowa, Canada. July 2013. Hosted by Daniel Cassenti
05/23/2013	LinkedVis: A Visual Interactive Career Recommender System	Demonstration given at UC Santa Barbara's Media Arts and Technology "End of Year Show"
05/15/2013	Experiences with The Peer Review Process	PhD Student Seminar at UCSB Media Arts and Technology. Hosted by Marko Peljhan
05/23/2013	Zone integration solutions with SIRAS.	Talk given at Ventura School District, VCOE SELPA.
04/20/2013	SIRAS: Intelligent Web-based Form Handling for Individual Education Plans (IEPs)	Talk given at Marin County School District Review Meeting
04/04/2012	Analysis of Information Credibility in Networks	Talk given at NS-CTA annual technical meeting. Newark, DE, USA
03/23/2013	SIRAS: Intelligent Web-base Form Handling for Individual Education Plans (IEPs)	Talk given at Ventura School District, VCOE SELPA.
02/16/2013	Interaction Design for Recommender Systems	Talk given at UCSB's Media Arts and Technology Open Day event.
02/08/2013	Cognitive Models of Trust	Talk at ARL Site Visit, Department of Computer Science, University of California, Santa Barbara.

02/20/2013	Scalable Recommendation of Credible Information.	Invited talk at IQ2S workshop at IEEE Pervasive Computing Conference, San Diego, CA, USA
1/12/2013	Recommender Systems and HCI	Guest Lecture for CS graduate course (595) at UCSB.
12/14/2012	Statistics for HCI	Guest Lecture for CS graduate course (595) at UCSB.
10/23/2012	Analyzing Trust in the Social Web	Seminar talk given at the Media Arts and Technology Department, UCSB. (MAT 595 course)
09/17/2012	TasteWeights: Visual Interactive Recommendation	Talk given at ACM Recommender Systems International conference. Dublin, Ireland,
09/11/2012	Credibility in Context: An Analysis of Feature Distributions in Twitter	Talk given at IEEE Social Computing Conference. Amsterdam, The Netherlands.
04/04/2012	Interactive Web-application design with RichFaces and Hibernate.	Talk given at Ventura School District, VCOE Information Technology Department. (Hosted by Steve Carr)
02/27/2012	Network-based Behavioral Indicators of Trust	ARL/INARC Presentation to ARL Visitor Lance Kaplan. Dept. of Computer Science, University of California, Santa Barbara.
02/17/2012	Mining Topic-Specific Credibility on Twitter	(with Byungkyu Kang) Intl. Conf. on Intelligent User Interfaces, Lisbon, Portugal.
11/20/2011	TopicLens: An Interactive Tool for Analyzing Dynamic Topics in Social Networks	INSCOM/CTA Meeting, Army Research Lab, Adelphi, VA
10/23/2011	Imaging, Interaction and Innovative Interfaces: Research At the Four Eyes Lab, UCSB	Invited Industry Talk at Bruker Nano Inc., Goleta California
08/12/2011	TopicLens: Analyzing Topic Related Trust in Information Networks.	Army Research Lab, Adelphi, VA. (NS-CTA Meeting)
07/13/2011	Interactive Interfaces for Communicating Network Trust Information	NS-CTA Meeting, BB&N building, Cambridge, MA.
05/12/2011	A Scalable Web-based Interactive Graph Tool to Support the Information Discovery Needs of Analysts	KDD/SAIC PADA TEM-2 Team Meeting, SAIC Building, Arlington, VA.
11/05/2011	Exploring Topic Related Trust in a Network User Interface	NS-CTA Meeting/ Trust CCRI at University of Delaware, DE.
02/10/11	Technology and Trust	Graduate Gateway Seminar, Center for Technology and Society, UCSB, CA.

03/23/2011	Communicating Trust in Information Networks	Network Science CTA, INARC Midterm Review, BB&N building, Cambridge, MA.
02/16/2011	*SIRAS*: An Intelligent User Interface for Special Education Teachers	Industry Presentation, Marin County Schools District, Marin, CA.
02/08/2011	Communicating Trust in Information Networks (Discussion, Models and Applications)	Talk at ARL Site Visit, Department of Computer Science, University of California, Santa Barbara.
02/05/2011	Communicating Trust in Online Networks	Invited Talk at Palo Alto Research Center (PARC)
01/25/2011	Interfaces for Social Information Filtering	Center for Technology and Society, University of California, Santa Barbara.
01/12/2011	The Role of Trust on the Social Web	AI/ML Group Invited Lecture, University of California, Irvine, CA.
01/14/2011	Communicating Network Trust Information	INARC/Infonet Seminar, Dept. of Computer Science, University of California, Santa Barbara.
06/23/2010	Interactive Graphs on the Web.	INARC/ARL UCSB visit. Harold Frank Hall, University of California, Santa Barbara.
07/29/2010	Trust in Recommendation Systems	ARL Invited Lecture at Computing with Social Trust Workshop. University of Maryland.
06/23/2010	Web-based Interactive Graphs for Information Network Analysis.	Talk given at the NS-CTA (Army Research) Ribbon Cutting Ceremony. Hotel Charles, Cambridge, MA.

Conferences and Workshops Attended (2010 Onwards, More available upon request)

Month/Year	Title	Meeting/Place
10/1/2018	ACM International Conference on Recommender Systems (RecSys'18)	Vancouver, Canada
3/10/2018	ACM International Conference on Intelligent User Interfaces (IUI'18).	Tokyo, Japan
9/8/2017	ACM International Conference on Recommender Systems (RecSys'17)	Como, Italy.
3/13/2017	ACM International Conference on Intelligent User Interfaces (IUI'17).	Limassol, Cyprus.

12/2/2016	Interservice/Industry Training, Simulation and Education Conference (I/ITSEC).	Orlando, FL.
9/13/2016	ACM International Conference on Recommender Systems (RecSys'16)	Cambridge, MA.
6/7/2016	International Conference on Social Network Analysis and Mining (ASONAM'16)	San Francisco, CA.
3/6/2016	International Conference on Intelligent User Interfaces (IUI'16)	Sonoma, CA.
6/27/2015	Rotation visit to US Army Research Laboratory, Adelphi, VA. POC: Dr. Jin-Hee Cho. (One Week)	Adelphi, VA USA
3/29/2015	20th ACM International Conference on Intelligent User Interfaces (IUI 2015)	Atlanta, GA, USA
9/27/2014	ACM International Conference on Recommender Systems (RecSys '14)	Foster City, California, USA
06/13/2014	US Army's Network Science Collaborative Technology Alliance Annual Conference ("Bootcamp")	University of Delaware, DE, USA
5/27/2014	The 6th ASE International Conference on Social Computing (SocialCom2014)	Stanford University, California, USA
02/25/2014	US Army's Network Science Collaborative Technology Alliance, Annual meeting for sub-program on Information Processing Across Networks.	Adelphi VA. USA
10/27/2013	ACM International Conference on Information and Knowledge Management. (CIKM2013). Burlingame, California, USA.	Burlingame, California, USA.
07/12/2013	US Army's Network Science Collaborative Technology Alliance Annual Conference ("Bootcamp")	University of Delaware, DE, USA
03/04/2013	ARL NS-CTA Annual Technical Meeting	Newark, DE
02/25/2013	ACM International Conference on Intelligent User Interfaces, 2013	Santa Monica, CA
02/13/2013	IEEE International Conference on Pervasive Computing (PerCom 2012)	San Diego, CA.
02/13/2013	The 5th International Workshop on Information Quality and Quality of Service for Pervasive Computing	San Diego, CA.
09/15/2012	Doctoral Symposium at ACM International Conference on Recommender Systems (RecSys 2012)	Dublin, Ireland
09/14/2012	International workshop on Interfaces for Recommender Systems (InterfaceRS) at ACM International Conference on Recommender Systems (RecSys 2012)	Dublin, Ireland
09/13/2012	ACM International Conference on Recommender Systems (RecSys 2012)	Dublin, Ireland
09/08/2012	IEEE International Conference on Social Computing (SocialCom 2012)	Amsterdam, The Netherlands

02/14/2012	ACM Int'l. Conf on Intelligent User Interfaces, 2012	Lisbon, Portugal
02/13/2012	IBM Workshop on User Modeling in Social Media at IUI 2012	Lisbon, Portugal
02/13/2011	ACM Int'l. Conf. on Intelligent User Interfaces. 2011	Palo Alto, CA
02/12/2011	What every IUI researcher should know about human choice and decision-making. (Tutorial/Workshop at IUI 2011 by Anthony Jameson)	Sheraton Hotel, Palo Alto, CA.
10/13/2010	The IEEE and ACM International Symposium on Mixed and Augmented Reality (ISMAR 2010)	COEX, Seoul, Korea
07/31/2010	ARL Invited Workshop on Trust in the Social Web	University of Maryland, MD

Grants and Contracts

Year/Status (awarded unless otherwise noted)	Source	Title	Amount (O'Donovan portion)	Role
2018-19	NSF/UCSB	"Watch them work: Visualizing Environmental Models". UCSB "Crossroads" funded project	32K (total)	Co-PI with Naomi Tague (PI), James Frew, Tobias Hollerer and Wendy Mering (UCSB)
2018-20 (Currently under review, not awarded)	NSF	Submission to CHS: Medium: Cyberbullying Identification, Modeling, Analysis, Prediction and Intervention	$1.2M (total)	CO-PI with Elizabeth Belding, William Wang and Tobias Hollerer (PI)
2018-20 (Currently under review, not awarded)	NSF	Submission to NSF-IIS Core. November 2017 "ARBis Pictus: A Personalized Immersive Language Learning Framework.	$500k (total)	PI with Co-PI's M.Turk and D. Chun (UCSB)
2016	NSF	Award Number 1427729 "US-Finland Planning Visit: Transformed Social Interaction and Telecollaboration for Collaborative Learning"	N/A	Senior Participant (PIs: M. Turk and D. Harlow)

2016-18	ARO/ARL	Q3: Networked situation awareness for information based decision-making U.S. Army Network Science Collaborative Technology Alliance (NS_CTA)	$228,560		PI (Task Lead: S.Adali, RPI. with J Mangels, CUNY, J-H. Cho and Kevin Chan. ARL, and Scott Rager, BBN)
2014-16	ARO/ARL	T1: Information based Decision Making and Trust in Networks. U.S. Army Network Science Collaborative Technology Alliance (NS_CTA)	$210,834		PI (Task Lead: S.Adali, RPI. with J Mangels, CUNY, J-H. Cho. ARL,)
2014-16	ARO/ARL	Cognition and Trust in Composite Networks	n/a		PI (Task Lead: T. Höllerer UCSB, with C Gonzalez, CMU, and S. Lin, IBM.)
2013-14	ARO/ARL	T1: Network-based Behavioral Indicators of Trust. U.S. Army Network Science Collaborative Technology Alliance (NS_CTA)	$62,000		PI (Task Lead: S.Adali, RPI. with M. Magdon-Ismail, RPI, J. Golbeck, U. Maryland)
2013-14	ARL/ARO	P2: Scalable Recommendation of Credible Information Task Proposal for U.S. Army Network Science Collaborative Technology Alliance (NS_CTA)	93,000		PI and ARL Task Lead. (Co-PIs: T Abdelzaher UIUC, C Gonzalez, CMU, D. Jones, SA Tech Inc.)
2012-13	ARO/ARL	T-2.2: Cognitive Models of Trust Task Proposal for U.S. Army Network Science Collaborative Technology Alliance (NS_CTA)	n/a		Named Researcher (PI T.Höllerer, UCSB)
2012-13	ARO/ARL	T-2.4: Network-based Behavioral Indicators of Trust Task Proposal for U.S. Army Network Science Collaborative Technology Alliance (NS_CTA)	$62,864		Primary Researcher (Task Lead: S.Adali, RPI. Co-PRs: M. Magdon-Ismail, RPI, J. Golbeck, U. Maryland)
2012-13	ARO/ARL	P2: Scalable Recommendation of Credible Information Task Proposal for U.S. Army Network Science Collaborative Technology Alliance (NS_CTA)	$91,122		Primary Researcher and Task Lead. (Co-PRs: T Abdelzaher UIUC, C Gonzalez, CMU, D. Jones, SA Tech Inc.)
2011-12	ARO/ARL	T-2.4: Network-based Behavioral Indicators of Trust Task Proposal for U.S. Army Network Science Collaborative Technology Alliance (NS_CTA)	$55,000		Co-Primary Researcher (Task Lead: S.Adali, RPI. Co-PRs: M. Magdon-Ismail, RPI, J. Golbeck, U. Maryland)

2012	SAIC	Consultant Contract	$32,000	Direct Contractor
2011-12	KDD/IARPA	A scalable web-based interactive graph tool to support the information discovery needs of analysts	n/a	Named Researcher (PI: T. Höllerer)

Reviewing and Refereeing Activity

Month/Year	Activity	Specific Role
6/9/2018	The Second IEEE Workshop on Human-in-the-loop Methods and Human Machine Collaboration in BigData (IEEE HMData2018)	**Reviewer**
4/9/2018	24th International ACM Conference on Intelligent User Interfaces	**Reviewer**
5/5/2018	ACM Transactions on Intelligent Information Systems (TiiS Journal)	**Reviewer**
10/11/2017	23rd International ACM Conference on Intelligent User Interfaces (IUI'18)	**Reviewer**
10/01/2017	International Conference on Computer-Human Interaction (CHI 2018)	**Reviewer**
09/01/2017	Reviewer for ACM Transactions on Intelligent Information Systems	**Reviewer**
12/01/2016	IEEE Workshop on Big Data (bigdata-inform)	**Reviewer**
12/01/2016	IEEE Workshop on Big Data (bigdata-inform)	**Reviewer**
10/02/2016	22nd ACM International Conference on Intelligent User Interfaces. Cyprus. 2017.	**Reviewer**

09/25/2016	ACM Conference on Information and Knowledge Management (CIKM) 2016	**Reviewer**
05/18/2016	ACM International Conference Series on Recommender Systems (RecSys'16), Cambridge, MA.	**Reviewer**
02/20/2016	International Workshop on Interfaces and Decision Making for Recommender Systems. (IntRS'16) at ACM RecSys'16. Cambridge MA.	**Reviewer**
01/11/2016	The 29th International FLAIRS Conference In cooperation with the American Association for Artificial Intelligence. Special track on Recommender Systems. Key Largo, Florida, USA. May 16 - 18, 2016	**Reviewer**
11/16/2015	International Workshop on Personalization & Recommender Systems in Financial Services (FinRec'16)	**Reviewer**
11/08/2015	ACM International Conference on Knowledge Discovery and Dissemination (KDD 2016) Research Track.	**Reviewer**
09/20/2015	7th ACM International Conference on Recommender Systems (RecSys 2014)	**Reviewer**
09/16/2015	International Workshop on Interfaces and Decision Making for Recommender Systems (IntRS'15) @ RecSys 2015.	**Reviewer**
09/01/2015	ACM Journal on Transactions on Intelligent Interactive Systems (ACM TiiS). Special Issue on Human Interaction with Artificial Advice Givers	**Reviewer**
08/18/2015	2015 International Conference on Social Computing, August 18-19, 2015 Stanford University, CA, USA (SocialCom'15)	**Reviewer**
08/04/2015	25th ACM World Wide Web Conference 2016 (WWW2016). (Behavioral Analysis and Personalization track.)	**Reviewer**
06/10/2015	Fonds National de la Recherche Luxembourg. CORE Multi-Annual Thematic Research Programme	**Grant Review Panel (External, Paid)**
03/29/2015	ACM International Conference on Intelligent User Interfaces (IUI2015), Atlanta, Georgia, USA.	**Reviewer**
06/10/2014	Fonds National de la Recherche Luxembourg. CORE Multi-Annual Thematic Research Programme	**Grant Review Panel (External, Paid)**
06/04/2014	International Journal on Human Computer Studies (IJHCS). Elsevier.	**Reviewer**
06/04/2014	National Science Foundation, Information Integration and Informatics Program	**Grant Review Panel (External, Unpaid)**
10/21/2013	International Workshop on Data Driven User Modeling and Mining from Social Media at ACM Conference on Information and Knowledge Management (CIKM) 2013.	**Reviewer**

09/05/2013	ACM International Conference on Recommender Systems (RecSys 2014), Foster City, California, USA.	**Reviewer**
09/05/2013	ACM International Conference on Recommender Systems (RecSys 2016), MIT, Boston, USA.	**Reviewer**
09/01/2013	ACM International Conference on Intelligent User Interfaces (IUI 2014), Haifa, Israel.	**Reviewer**
11/26/2012	ACM Journal of Transactions on the Web (TotW)	**Reviewer**
10/29/2012	Workshop on User Behavioral Modeling and Mining from Social Media at CIKM 2012	**Reviewer**
10/22/2012	ACM International Conference on Intelligent User Interfaces.	**Reviewer**
10/21/2012	Posters and Demos Track. ACM International Conference on Intelligent User Interfaces. (IUI 2013)	**Reviewer**
09/18/2012	The Tenth International Conference on Autonomic and Autonomous Systems (ICAS 2013)	**Reviewer**
09/05/2012	ACM International Conference on Recommender Systems, Doctoral Consortium	**Reviewer**
09/04/2012	International Journal on Human Computer Studies (IJHCS). Elsevier.	**Reviewer**
09/01/2012	International Journal of Social Network Analysis and Mining (SNAM). Springer Journals.	**Reviewer**
05/2012	WTSON2012 Workshop on Trust in Social Networks, held in conjunction with ASONAM 2012, Istanbul Turkey, 26-29 August, 2012,	**Reviewer**
04/2012	6th International Conf. on Autonomic and Autonomous Systems. (ICAS 2012)	**Reviewer**
02/2012	IEEE SocialCom 2012 Washington, DC, USA, December 14-16 2012.	**Reviewer**
01/2012	30th ACM CHI International Conference on Computers and Human Interaction (Works in Progress Track.)	**Reviewer**
10/2011	ACM International Conference on Intelligent User Interfaces. (IUI 2012) Demonstrations	**Reviewer**
10/2011	ACM Transactions on the Web. 2011	**Reviewer**
08/2011	7th International Conf. on Autonomic and Autonomous Systems. (ICAS 2011)	**Reviewer**
10/2010	International Conference on Social Informatics (SocInfo2010)	**Reviewer**
10/2010	ACM CHI, 28th International Conference on Computers and Human Interaction	**Reviewer**

09/2010	International Journal of Human Computer Studies, (IJHCS) 2010	**Reviewer**
09/01/2013	ACM International Conference on Human Computer Interaction (CHI 2014), Seoul, Korea.	**Reviewer**

Special Appointments

Month/Year	Notes	Type of Contribution
01/09/2018	24th ACM Conference on Intelligent User Interfaces (IUI)	**Senior Program Committee**
2016-	ACM Conference on Intelligent User Interfaces (IUI)	**Steering Committee**
2017-	ACM Conference on Recommender Systems (RecSys)	**Steering Committee**
10/13/2017	IEEE Workshop on Big Data (BigData-Inform)	**Program Committee**
09/10/2017	23rd International ACM Conference on Intelligent User Interfaces	**Senior Program Committee**
03/20/2017	12th International ACM Conference on Recommender Systems (RecSys'18)	**Program Chair (with Xavier Amatrain)**
03/17/2017	International Workshop on Interfaces and Decision Making for Recommender Systems (IntRS'17)	**Co-Chair**
03/17/2017	IUI AWARE Workshop. Co-located with IUI'17 in Limmasol, Cyprus	**Co-Chair**
03/17/2017	Mentor in the IUI'17 Doctoral Consortium, March '17	**Mentor**
03/12/2017	International Conference Intelligent User Interfaces, Track on Recommender Systems	**Session Chair**
06/30/2016	International Conference on Social Network Analysis and Mining (ASONAM). Session Chair Recommender Systems Track	**Session Chair**
09/13/2016	International Workshop on Interfaces and Decision Making for Recommender Systems (IntRS'16) @ RecSys 2016.	**Organizer and Program Chair**
03/9/2016	21st ACM International Conference on Intelligent User Interfaces (IUI2016), Sonoma, CA, USA.	**General Co-Chair**
03/10/2017	23rd ACM International Conference on Intelligent User Interfaces (IUI2018), Tokyo, Japan	**Co-Treasurer**

01/27/2016	24th ACM Conference on User Modeling, Adaptation and Personalization 13-17 July 2016 - Halifax, Canada	**Program Committee**
01/18/2016	The 29th International FLAIRS Conference In cooperation with the American Association for Artificial Intelligence. Special track on Recommender Systems. Key Largo, Florida, USA. May 16 - 18, 2016	**Program Committee**
01/17/2016	7th International Workshop on Modeling Social Media - Behavioral Analytics in Social Media, Big Data and the Web (MSM 2016) - co-located with WWW 2016	**Program Committee**
11/16/2015	International Workshop on Personalization & Recommender Systems in Financial Services (FinRec'16)	**Program Committee**
11/08/2015	ACM International Conference on Knowledge Discovery and Dissemination (KDD 2016) Research Track.	**Program Committee**
09/20/2015	7th ACM International Conference on Recommender Systems (RecSys 2014)	**Program Committee**
09/16/2015	International Workshop on Interfaces and Decision Making for Recommender Systems (IntRS'15) @ RecSys 2015.	**Organizer and Program Chair**
09/01/2015	ACM Journal on Transactions on Intelligent Interactive Systems (ACM TiiS). Special Issue on Human Interaction with Artificial Advice Givers	**Associate Editor**
08/18/2015	2015 International Conference on Social Computing, August 18-19, 2015 Stanford University, CA, USA (SocialCom'15)	**Program Committee**
08/04/2015	25th ACM World Wide Web Conference 2016 (WWW2016). (Behavioral Analysis and Personalization track.)	**Program Committee**
03/29/2015	ACM International Conference on Intelligent User Interfaces (IUI2015), Atlanta, Georgia, USA.	**Regular Program Committee**
11/24/2014	International Workshop on Personalization & Recommender Systems in Financial Services (FinRec'15)	**Program Committee**
04/29/2014	International Workshop on Interfaces and Decision Making for Recommender Systems (IntRS'14) @ RecSys 2014. (Listed by date of workshop acceptance)	**Organizer and Program Chair**
04/10/2014	7th ACM International Conference on Recommender Systems (RecSys 2014)	**Regular Program Committee**
02/24/2014	ACM International Conference on Intelligent User Interfaces (IUI2014), Haifa, Israel.	**Regular Program Committee**
10/27/2013	International Workshop on Data Driven User Modeling and Mining from Social Media (DUBMOD'13) at ACM International Conference on Information and Knowledge Management (CIKM 2013), Burlingame, CA, USA.	**Organizer and Program Chair**
06/27/2013	International Workshop on Interfaces and Decision Making for Recommender Systems (IntRS'15) @ RecSys 2015	**Organizer and Program Chair**

02/25/2013	3rd IEEE Conference on Cognitive Methods in Situation Awareness and Decision Support (CogSIMA 2013). San Diego, Feb 2013.	**Session Chair**
10/10/2012	International Workshop on Data-driven User Behavioral Modeling and Mining from Social Media (UMSocial2013) at the ACM International Conference on Information and Knowledge Management (CIKM2013), Burlingame, CA, USA.	**Co-Chair**
10/10/2012	3rd Workshop on Data-driven User Behavioral Modeling and Mining from Social Media (DUBMOD 2014), at ACM International Conference on Information and Knowledge Management (CIKM2014), Shanghai, China	**Co-Chair**
01/10/2010	International Conference on Social Informatics (SocInfo2010)	**Program Committee Member**
	7th International Workshop on Modeling Social Media. At the ACM World Wide Web Conference 2016 (WWW2016)	**Program Committee**

Other professional contributions

Month/Year	Type of Contribution	Notes
08/6/2009-ongoing	**Co-Founder and CTO**	Siras Systems Inc. (www.sirassystems.com). Designed, implemented and deployed a novel software platform to devise personalized educational plans for special needs students. The system is in daily use by thousands of special education administrators, teachers, and students across multiple school districts in the California area (currently actively serving 7 districts including Kern, Ventura, Monterey, Bakersfield and Riverside). Software focus is on state reporting and intelligent generation of personalized education plans (IEPs) for special ed. students at all K12 levels. Co-founder with Brian Marcontell and Steve Ormbrek.
2010-ongoing	**Lab Co-Director**	I co-direct research in UCSB's FourEyes lab with Professors Turk and Höllerer (CS Dept.). This role involves coordinating lab meetings ranging between 10-50 students from all levels, managing equipment, hosting visitors and speakers from academia and industry, coordinating annual open days and visits from community groups such as local high school students, and running various discussion groups and seminars within the lab.
02/1/2011-2015	**Graph visualization software release maintenance**	Ongoing maintenance and updates of WiGis open source graph visualization software framework. Available at https://code.google.com/p/wigis/ (no longer maintained)
08/1/2012-06/30/2014	**Systems Administration and Procurement**	Managed computing infrastructure and upgrades for FourEyes lab. Duties included account procuring, configuring and maintaining rack servers and provisioning services such as, SVN, SQL and others for approximately 30 people.

| | 2010- | **Website Design, Implementation and Management** | Designed, implemented and managed public website platform for FourEyes lab UCSB.   Currently available at http://ilab.cs.ucsb.edu. Forthcoming version available at: http://foureyeslab.github.io Also managed the IUI 2016 conference website with Byungkyu Kang (Nokia Research). http://iui.acm.org/2016/ |

PART III.   RESEARCH

<u>**Cumulative List of Publications.**</u> **(Also available for download at http:/cs.ucsb.edu/~jod/publications.html)**

All publications were accepted through a standard review/refereeing process unless otherwise stated in category column.
All conference and workshop publications were orally presented unless otherwise stated in category column.

	YEAR	TITLE and AUTHOR(s)	PUBLISHER	CATEGORY
1.	2018	ARbis Pictus: A Study of Vocabulary Learning with Augmented Reality (with A Ibrahim, B Huynh, J Downey, T Höllerer, D Chun)	IEEE transactions on visualization and computer graphics	Journal
2.	2018	Easy to Please: Separating User Experience from Choice Satisfaction (with J. Schaffer and T. Hollerer)	Proceedings of the 26th Conference on User Modeling, Adaptation and Personalization. Pages 177-185	Conference **(*best paper award)**
3.	2018	Joint Workshop on Interfaces and Human Decision Making for Recommender Systems (IntRS'17) (with Peter Brusilovsky, Marco De Gemmis, Giovanni Semararo, Peter Brusilovsky, Nava Tintarev)	in proceedings of ACM International Conference on Recommender Systems, Vancouver, Canada, October 2018.	Conference
4.	2018	Moodplay: Interactive music recommendation based on Artists' mood similarity (with I. Andjelkovic and D. Parra)	International Journal of Human-Computer Studies (IJHCS) Academic Press.	Journal
5.	2018	RecommendAR: A Study of Situated Recommendation in Augmented Reality.	IEEE Conference on Artificial Intelligence and Augmented Reality (AIVR2018). Taichung, Taiwan, December 2018	Conference (forthcoming)
6.	2018	A Study of Dynamic Information Display and Decision-making in Abstract Trust Games. (with James Schaffer, Cleotilde Gonzalez, Laura Marusich, Tobias Höllerer)	International Journal of Human Computer Studies (Elsevier) Accepted Dec. 2017	Journal

7.	2017	Modeling and Analysis of Uncertainty-based False Information Propagation in Social Networks (with Jin-Hee Cho, Scott Rager, Sibel Adali)	In proceedings of the 2017 IEEE Global Communications Conference, Singapore, December 2017	Conference **(*best paper award)**
8.	2017	User Preferences for Hybrid Explanations. (with Pigi Kouki, James Schaffer and Lise Getoor)	In proceedings of the 2017 ACM International Conference on Recommender Systems, Como, Italy, August 2017	Conference
9.	2017	Joint Workshop on Interfaces and Human Decision Making for Recommender Systems (IntRS'17) (with Peter Brusilovsky, Marco De Gemmis, Giovanni Semararo, Peter Brusilovsky, Nava Tintarev)	in proceedings of ACM International Conference on Recommender Systems, Como, Italy, August 2017	Conference
10.	2017	UnbiasedCrowd: An Automated Assistant to Identify and Prompt Action against Visual Bias in News (With Vishwajeet Narwa, Mohamed Hashim Salih, Jose Angel Lopez, Angel Ortega, Tobias Höllerer, Saiph Savage)	In proceedings of the ACM Conference on Computer and Human Interaction (CHI 2017 Late Breaking Track)	Conference
11.	2017	Gesture-Based Augmented Reality Annotation (with Yun Suk Chang, Benjamin Nuernberger, Bo Luan, Tobias Höllerer)	In proceedings of the 2017 IEEE International Conference on Virtual Reality (IEEE VR)	Conference
12.	2016	An Analysis of Student Behavior in Two Massive Open Online Courses, with James Schaffer, Brandon Hyung, Tobias Höllerer and Sabrina Lin	in proceedings of the 2016 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (ASONAM'16)	Conference
13.	2016	A Cross-Cultural Analysis of Explanations for Product Reviews, with Byungkyu Kang, Tobias Höllerer and Shinsuke Nakajima	In proceedings of the Joint Workshop on Interfaces and Human Decision Making for Recommender Systems (IntRS'16) at ACM Recommender Systems Conference.	Conference
14.	2016	ACM TiiS Special Issue on Human Interaction with Artificial Advice Givers. Editor's Introduction, with Nava Tintarev and Alexander Felfernig	In ACM Transactions on Interactive Intelligent Systems (ACM TiiS), November 2016	Journal
15.	2016	First Steps towards a View Management Concept for large-sized Head-Up Displays with Continuous Depth, with Renate Häuslschmid and Andreas Butz,	In proceedings of the 8th International Conference on Automotive User Interfaces and Interactive Vehicular Applications	Conference

16.	2016	Highlights of ACM Intelligent User Interface Conference, 2016, with Jalal Mahmud and Jeffrey Nichols	in ACM/SIGAI AI Matters Newsletter, Volume 2 Issue 3, Spring 2016	Journal
17.	2016	What am I not seeing? An Interactive Approach to Social Content Discovery in Microblogs, with Nava Tintarev and Byungkyu Kang	In proceedings of 8th International Conference on Social Informatics (SocInfo 2016), Bellevue, WA, USA,	Conference
18.	2016	Through The Grapevine: A Comparison of News in Microblogs and Traditional Media (with Byungkyu Kang, Haleigh Wright, Tobias Höllerer, Ambuj K. Singh)	Springer Lecture Notes in Social Networking (LNSN)	Journal
19.	2016	MoodPlay: A Study of Interaction and Control for Mood-Based Recommender Systems, with Ivana Andjelkovic and Denis Parra	Proceedings of the 2016 Conference on User Modeling Adaptation and Personalization (UMAP'16), ACM Press, July 2016	Conference
20.	2016	A Dictionary-based Approach to Automatic Feature Rating in Reviews of Cosmetic Products. (with Yuuki Matsunami, Mayumi Ueda, Shinsuke Nakajima, Takeru Hashikami, Sunao Iwasaki and Byungkyu Kang)	The International MultiConference of Engineers and Computer Scientists 2016 (IMECS2016). Hong Kong, March 2016	Conference
21.	2016	Effects of Information Availability on Command and Control Decision-Making: Performance, Trust, and Situation Awareness (with Laura R. Marusich, Jonathan Z. Bakdash, Emrah Onal, Michael S. Yu, James Schaffer, Tobias Höllerer, Norbou Buchler, and Cleotilde Gonzalez)	In Human Factors: The Journal of the Human Factors and Ergonomics Society	Journal
22.	2015	Getting the Message? A Study of Explanation Interfaces for Microblog Data Analysis, with J. Schaffer, G. Prasanna T. Abdelzaher, D. Jones, T. Höllerer, J. O'Donovan	International Conference on Intelligent User Interfaces (IUI 2015), Atlanta, GA.	Conference
23.	2015	The Full Story: Automatic detection of unique news content in Microblogs	In Proceedings of the International Symposium on Foundations and Applications of Big Data Analytics at IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (ASONAM 2015), Paris, France, August 2015	Conference

24.	2015	Inspection Mechanisms for Community-based Content Discovery in Microblogs	IntRS'15 Joint Workshop on Interfaces and Human Decision Making for Recommender Systems (http://recex.ist.tugraz.at/intrs2015/) at ACM Recommender Systems 2015. Vienna, Austria. September 2015	Conference
25.	2015	LinkScope: Interactive Graph Analysis of Unstructured Text	In Proceedings of the Interactive Visual Text Analytics Workshop at ACM Intelligent User Interfaces Conference, Atlanta, Georgia, USA. April 2015	Conference
26.	2015	Believe it or Not? Analyzing Information Credibility in Microblogs (with Byungkyu Kang and Tobias Höllerer)	In Proceedings of the IEEE/ACM Conference on Analysis of	Conference
27.	2014	DUBMOD'14: international workshop on data-driven user behavioral modeling and mining from social media J. Mahmud, J. Nichols, M. Zhou, J. Caverlee, J. O'Donovan	In Proceedings of the ACM International Conference on Information and Knowledge Management, CIKM'14, pp. 2752-2753, ACM, October 2014. Shanghai, China.	Conference
28.	2014	Dynamics of Human Trust in Recommender Systems J. Harman, J. O'Donovan, T. Abdelzaher, C. Gonzalez	ACM Conference on Recommender Systems (RecSys'14). Foster City, California, USA. October 2014	Conference
29.	2014	IntRS'14: Workshop on Interfaces and Decision Making for Recommender Systems. N.Tintarev, J O'Donovan, P. Brusilovsky, P. Lops, G. Semarario, A. Felfernig	In Proceedings of the ACM International Conference on Recommender Systems, Foster City, CA, October 2014	Conference
30.	2014	Competence Modeling in Twitter: Mapping Theory to Practice J. O'Donovan B. Kang	International Conference on Social Computing (SocialCom 2014). Palo Alto, California., USA. May 27th-29th 2014	Conference
31.	2014	Decision-making in Abstract Trust Games: A User Interface Perspective E. Onal, J. Schaffer, J. O'Donovan, L. Marusich, C. Gonzalez, T. Höllerer	In proceedings of the 4th IEEE Conference on Cognitive Methods in Situation Awareness and Decision Support (CogSIMA 2014). San Antonio, Texas, Mar 2014.	Conference **(*best paper award)**

32.	2014	Truth, Lies, and Data: Credibility Representation in Data Analysis. J. Schaffer T. Abdelzaher D. Jones C. Gonzalez T. Höllerer J. Harman J. O'Donovan	IEEE International Inter-Disciplinary Conference on Cognitive Methods in Situation Awareness and Decision Support (CogSIMA), March 3-6, 2014, San Antonio, TX, USA.)	Conference
33.	2014	Trust and Consequences: A Visual Perspective. E. Onal J. O'Donovan L. Marusich M. S. Yu J. Schaffer C. Gonzalez T. Höllerer	16th International Conference on Human-Computer Interaction (HCII'14), June 22-27, 2014, (Springer/LNCS). Crete, Greece.	Conference
34.	2014	Finding True and Credibile Information in Twitter, with Sujoy Sikdar, Sibel Adali, Tarek Abdelzaher Kevin Chan and Jin-Hee Cho.	IEEE International Conference on Information Fusion, Salamanca, Spain. May 2014	Conference
35.	2013	UMSocial'13: international workshop on data-driven user behavioral modeling and mining from social media J. Mahmud, J. Nichols, M. Zhou, J. Caverlee, J. O'Donovan	In Proceedings of the ACM International Conference on Information and Knowledge Management, CIKM'13, Burlingame, CA, USA	Conference
36.	2013	Understanding Information Credibility on Twitter S Sikdar, B. Kang, T. Höllerer, J O'Donovan, S. Adali	IEEE International Conference on Social Computing (SocialCom 2013). Washington D.C., USA. September 8th-14th 2013	Conference **(*best paper award)**
37.	2013	Cutting Through the Noise: Defining Ground Truth in Information Credibility on Twitter S Sikdar, B. Kang, T. Höllerer, J O'Donovan, S. Adali	ASE HUMAN Journal, 1(3), pp. 151-167. Aug 9th 2013	Journal
38.	2013	Trust and Situation Awareness in a 3-Player Diner's Dilemma Game Y. Teng R. Jones L. Marusich J. O'Donovan C. Gonzalez T. Höllerer	In proceedings of the 3rd IEEE Conference on Cognitive Methods in Situation Awareness and Decision Support (CogSIMA 2013). San Diego, Feb 2013.	Conference

39.	2013	LinkedVis: Exploring Social and Semantic Career Recommendations. With S. Bostandjiev and T. Höllerer	In Proceedings of the International Conference on Intelligent User Interfaces (IUI 2013), Santa Monica, LA, March 2013 S. Bostandjiev J. O'Donovan T. Höllerer	Conference
40.	2013	Interactive Interfaces for Network Analysis: An Information Credibility Perspective. J. Schaffer B. Kang H. Liu T. Höllerer J. O'Donovan	In Proceedings of the 5th International Workshop on Information Quality and Quality of Service for Pervasive Computing. At PerCom 2013, San Diego, March 2013	Workshop
41.	2013	A Model-based Evaluation of Trust and Situation Awareness in the Diner's Dilemma Game. J. O'Donovan Y. Teng R. Jones L. Marusich C. Gonzalez T. Höllerer	22nd Conference on Behavior Representation in Modeling and Simulation. (BRiMS). San Antonio, TX. July 2013.	Conference
42.	2012	Credibility in Context: An Analysis of Feature Distributions in Twitter. J. O'Donovan B. Kang G. Meyer T. Höllerer S. Adali	In proceedings at the 2012 ASE/IEEE International Conference on Social Computing, SocialCom, Amsterdam, The Netherlands.	Conference
43.	2012	Inspectability and Control in Social Recommenders. B. Knijenburg S. Bostandjiev J. O'Donovan A. Kobsa	In proceedings at the 6th Conference on ACM Recommender Systems, RecSys 2012, Dublin, Ireland.	Conference
44.	2012	TasteWeights: A Visual Interactive Hybrid Recommender System. * was listed as "in preparation" for the previous merit case S. Bostandjiev J. O'Donovan T. Höllerer	In proceedings at the 6th Conference on ACM Recommender Systems, RecSys 2012, Dublin, Ireland.	Conference
45.	2012	TopicLens: An Interactive Recommender System based on Topical and Social Connections. * was listed as "in preparation" for the previous merit case L. Devendorf J. O'Donovan T. Höllerer	In proceedings of the Interface RS workshop at the 6th ACM Conference on Recommender Systems, RecSys 2012, Dublin, Ireland.	Workshop

46.	2012	DUBMMSM'12: international workshop on data-driven user behavioral modeling and mining from social media J. Mahmud J. Nichols M. Zhou J. Caverlee J. O'Donovan	In Proceedings of the ACM International Conference on Information and Knowledge Management, CIKM, pp. 2752-2753, ACM, October 2012.	Conference
47.	2012	An Analysis of Topical Proximity in the Twitter Social Graph. M. Schall J. O'Donovan B. Smyth	In proceedings of the 4th International Conference on Social Informatics, SocInfo 2012, Lauzanne, Switzerland. Sept 2012.	Conference
48.	2012	Modeling Topic-Specific Credibility on Twitter. With B Kang and T. Höllerer	Proceedings of the 2012 International Conference on Intelligent User Interfaces, February 14-17, 2012, Lisbon, Portugal.	Conference
49.	2012	TopicNets: Visual Analysis of Large Text Corpora with Topic Modeling. With B. Gretarsson, A. Asuncion, D. Newman, S. Bostandjiev, P. Smyth and T. Höllerer	ACM Transactions on Intelligent Systems and Technology (TIST). Volume 3 Issue 2, February 2012 ACM New York, NY, USA	Journal
50.	2011	A Framework for Modeling Trust in Collaborative Ontologies. With B. Kang and T. Höllerer	In Proceedings of the UCSB Graduate Student Workshop on Computing. University of California, Santa Barbara. October 7th 2011.	Student-Organized Workshop, Paper and Poster
51.	2011	SIGMA: A Statistical Interface for Graph Manipulation and Analysis. With G. Meyer and T. Höllerer	In Proceedings of the UCSB Graduate Student Workshop on Computing. University of California, Santa Barbara. October 7th 2011.	Student-Organized Workshop, Paper and Poster
52.	2011	WiGiPedia: Visual Editing of Semantic Data in Wikipedia. With S.Bostandjiev, C. Hall and T. Höllerer	Proceedings of the 5th IEEE International Conference on Semantic Computing (ICSC 2011), Palo Alto, CA, USA, September 18-21, 2011. IEEE 2011, pp. 328-335.	Conference

53.	2011	WiGipedia: A Tool for Improving Structured Data in Wikipedia. With Brynjar Gretarsson, Svetlin Bostandjiev and Tobias Höllerer	Workshop on Visual Interfaces for the Social and Sematic Web,, Palo Alto, CA, USA, at ACM IUI Conference, February, 2011.	Workshop
54.	2010	SmallWorlds: Visualizing Social Recommendations. With Brynjar Gretarsson, Svetlin Bostandjiev and Tobias Höllerer	Computer Graphics Forum Volume 29(3) pp. 833-842 (2010)	Journal
55.	2010	Interactive Manipulation of Large Graphs. With P. Trethewey, B. Gretarsson and T. Höllerer.	Technical Report. Department of Computer Science, University of California, Santa Barbara, June 2010.	Tech. Rept.
56.	2009	A Visual Interface for Social Information Filtering. With Brynjar Gretarsson, Svetlin Bostandjiev, Barry Smyth and Tobias Höllerer	In proceedings of the The 2009 IEEE International Conference on Social Computing (SocialCom 2009) Vancouver, Canada. August 2009. Pp. 74-81 (Best Paper Nominee)	Conference
57.	2009	WiGis: Web-Based Interactive Graph Interfaces. –A Scalable Approach. With Brynjar Gretarsson, Svetlin Bostandjiev and Tobias Höllerer	17th International Symposium on Graph Drawing September 22–25, 2009 - Chicago	Conference
58.	2009	Capturing Trust in the Social Web	In Computing with Social Trust 2009: Pp. 213-257. Springer. Jennifer Golbeck, Ed.	Book Chapter
59.	2008	Bisque: Bio-Image Semantic Query User Environment. With Kristian Kvilekval, Dmitry Federov, Boguslaw Obara, Ambuj Singh and B.S. Manjunath.	UCSB Workshop on Bio-Image Informatics. (Poster Presentation) May 2008.	Workshop
60.	2008	PeerChooser: A Visual Interactive Recommender System. With Brynjar Gretarsson, Svetlin Bostandjiev, Barry Smyth and Tobias Höllerer	Mary Czerwinski, Arnold M. Lund, Desney S. Tan (Eds.): Proceedings of the 2008 Conference on Human Factors in Computing Systems, CHI 2008, 2008, Florence, Italy, April 5-10, 2008. ACM 2008	Conference

61.	2008	Trust in the Social Web (Phd Thesis, Advised by Barry Smyth,	PhD Thesis. National University of Ireland (University College Dublin), Apr 2008. Nominated for Irish National PhD Dissertation Award in Science and Engineering 2008(1 of 6 in the Nation)	Thesis
62.	2007	Personalizing Trust in Online Auctions. With Vesile Evrim, Barry Smyth, Paddy Nixon, and Dennis McLeod.	Proceedings of the Third Starting AI Researchers' Symposium, Riva del Garda, Trentino, Italy, 2006. Pp 72-83	Conference
63.	2007	Extracting and Visualizing Trust Relationships from Online Auction Feedback Comments.	Proceedings of the Twentieth International Joint Conference on Artificial Intelligence (IJCAI-05), Hyderabad, India.	Conference
64.	2006	Mining Trust Values from Recommendation Errors. With Barry Smyth	International Journal on Artificial Intelligence Tools 15(6): 945-962 (2006)	Journal
65.	2006	Is Trust Robust? An Analysis of Trust-based Recommenders. With Barry Smyth	Proceedings of the 2006 International Conference on Intelligent User Interfaces, January 29 - February 1, 2006, Pp. 101-108 Sydney, Australia. ACM 2006	Conference
66.	2005	Trust No One: Evaluating Trust-based Filtering for Recommender Systems. With Barry Smyth	Proceedings of the Nineteenth International Joint Conference on Artificial Intelligence (IJCAI-05), Edinburgh, Scotland, UK, July 30th-August 5th 2005. Pp.1663-1665	Conference
67.	2005	Eliciting Trust Values from Recommendation Errors. With Barry Smyth	Proceedings of the Eighteenth International Florida Artificial Intelligence Research Society Conference, Clearwater Beach, Florida, USA. AAAI Press 2005. Pp. 289-294 (nominated for best paper)	Conference

68.	2005	Trust in Recommender Systems. With Barry Smyth	Proceedings of the 2005 International Conference on Intelligent User Interfaces, January 10-13, 2005, San Diego, California, USA. (ACM IUI Most Cited Paper in the conference history, 640+ citations)	Conference
69.	2005	AdRec: An Adaptive Recommender System (Advised by John Dunnion)	MS Thesis. National University of Ireland (University College Dublin), May 2005.	Thesis
70.	2004	Adaptive Recommendation: Putting the Best Foot Forward. With John Dunnion	Proceedings of the International Symposium on Information and Communication Technologies, Las Vegas, Nevada, USA, June 16-18, 2004	Conference
71.	2004	A Framework for the Evaluation of Collaborative Recommendation Algorithms in an Adaptive Recommender System. With John Dunnion	5th International Conference on Computational Linguistics and Intelligent Text Processing, , CICLing 2004, Seoul, Korea, February 15-21, 2004.	Conference
72.	2004	Meta-Learning for Recommender System Design. With John Dunnion	Proceedings of the Special Irish Language Track. 14th National Conference on Artificial Intelligence and Cognitive Science (AICS), Castlebar, Co. Mayo, Ireland. 2004.	Conference
73.	2004	Evaluating Information Filtering Techniques in an Adaptive Recommender System. With John Dunnion	Proceedings of the 3rd International Conference on Adaptive Hypermedia and Adaptive Web-Based Systems (AH 2004). Eindhoven, The Netherlands, pp. 312-315.	Conference
74.	2003	A Comparison of Collaborative Recommendation Algorithms over Diverse Data Types. With John Dunnion	Proc. 14th National Conference on Artificial Intelligence and Cognitive Science (AICS), Trinity College, Dublin. 2003.	Conference
75.	2001	PerfectMatch: An online dating service on WAP-enabled mobile devices.	Project Thesis, National University of Ireland (UCD), May 2001.	Thesis

Work in Preparation or Under Review

76	2018	SideStories: An Interactive Image Recommender System for Creative Writing (with Carrie Segal)	Technical Report	Conference (In Preparation)

77	2018	Evaluating Personal Metadata and Credibility Perception in Social Media Streams (with Byungkyu Kang)	**Not decided / Available for review**	Journal (In Preparation)
78	2018	Uncertainty-based False Information Propagation in Social Networks (with J-H. Cho, S, Rager, B. Horne, S. Adali)	ACM Transactions on Social Computing	Journal (Under Review)
79	2019	Personalized Explanations for Hybrid Recommender Systems	International Conference on Intelligent User Interfaces (IUI'19)	Conference (Under Review)
80	2019	Understanding Language Learning in Immersive Environments (with A. Ibrahim, B. Huynh, J. Downey and D. Chun)	Computer Assisted Language Instruction Consortium (CALICO)	Conference (In Preparation)