

# Claudia López

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Academic Instructor  
Departamento de Informática  
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Valparaíso, Chile

## Education

PhD Information Sciences and Technology, University of Pittsburgh, US	2015
M.S. Informatics, Universidad Técnica Federico Santa María (UTFSM), Chile	2006
Informatics Engineering Professional Degree, UTFSM, Chile	2006
B.S. Informatics Engineering, UTFSM, Chile	2004

## Professional appointments

Academic instructor, UTFSM, Chile	Sep. 2015 – Present
Project engineer, UTFSM, Chile	2007, 2009 – Jul. 2010
Research assistant, York University, Canada	Feb. – Dec. 2008

## Publications

### Journal papers (3 ISI-indexed)

1. López, C., Butler, B. S., Brusilovsky, P. (2014). Does anything ever happen around here? Assessing the online information landscape for local events. *Journal of Urban Technology*, 21(4), 95-123. JUT '14
2. López, C., Codocedo, V., Astudillo, H., & Cysneiros, L. M. (2012). Bridging the gap between software architecture rationale formalisms and actual architecture documents: An ontology-driven approach. *Science of Computer Programming*, 77(1), 66-80. SCP '12
3. López, C., Inostroza, P., Cysneiros, L. M., & Astudillo, H. (2009). Visualization and comparison of architecture rationale with semantic web technologies. *Journal of Systems and Software*, 82(8), 1198-1210. JSS '09

### Refereed conference papers (10 Scopus-indexed)

1. López, C., & Farzan, R. (2015). Exploring the mechanisms behind the assessment of usefulness of restaurant reviews. In Proceedings of the 7<sup>th</sup> International Conference on Communities and Technologies (pp. 19-27). [Oral presentation] C&T '15  
[Full paper](#)
2. López, C., & Farzan, R. (2015). Lend me sugar, I am your neighbor! A content analysis of online forums for local communities. In Proceedings of the 7<sup>th</sup> International Conference on Communities and Technologies (pp. 59-67). [Oral presentation] C&T '15  
[Full paper](#)
3. López, C., Lin, Y. & Farzan, R. (2015). What makes hyper-local online discussion forums sustainable? In Proceedings of the 28<sup>th</sup> Hawaii International Conference on System Sciences (pp. 2445-2454). HICSS '15  
[Full paper](#)
4. López, C., & Farzan, R. (2015). From community network to hyper-local social media. In Proceedings of the 18<sup>th</sup> ACM Conference Companion on Computer Supported Cooperative Work and Social Computing. (pp. 239-442). CSCW '15  
Poster
5. López, C., & Farzan, R. (2014). Designing for neighborhoods: lessons learned from paper-based bulletin boards. In *Extended Abstracts on Human Factors in Computing Systems* (pp. 1963-1968). ACM. CHI EA '14  
Work-in-Progress

6. López, C., & Farzan, R. (2014). Analysis of local online review systems as digital word-of-mouth. In *Web Sciences Track, Proceedings of the 23rd International Conference on World Wide Web Companion* (pp. 457-462). [Oral presentation]

7. López, C. (2014). Investigating the adoption of local online communities. In *Extended Abstracts on Human Factors in Computing Systems* (pp. 319-322). ACM. [Oral presentation]

8. López, C. A., & Butler, B. S. (2013). Consequences of content diversity for online public spaces for local communities. In *Proceedings of the 2013 Conference on Computer Supported Cooperative Work* (pp. 673-682). ACM. [Oral presentation]

9. Nov, O., Arazy, O., López, C., & Brusilovsky, P. (2013). Exploring personality-targeted UI design in online social participation systems. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems* (pp. 361-370). ACM.

10. López, C., Farzan, R., Sahebi, S. S., & Brusilovsky, P. (2013). What influences the decision to participate in audience-bounded online communities? *iConference* [Oral presentation]

11. López, C., Farzan, R., & Brusilovsky, P. (2012). Personalized incremental users' engagement: driving contributions one step forward. In *Proceedings of the 17th ACM International Conference on Supporting Group Work* (pp. 189-198). ACM. [Oral presentation]

12. Parra, D., Jeng, W., Brusilovsky, P., López, C., & Sahebi, S. (2012). Conference Navigator 3: An online social conference support system. In the *20th Conference on User Modeling, Adaptation and Personalization*.

13. Valdés, G., Astudillo, H., Visconti, M., & López, C. (2010). The Tutelkan SPI Framework for small settings: A methodology transfer vehicle. In the *20th European Conference on Software Process Improvement. Systems, Software and Services Process Improvement. Communications in Computer and Information Science*, vol. 99 (pp. 142-152). Springer Berlin Heidelberg.

14. Astudillo, H., Inostroza, P., & López, C. (2008). Contexta/SR: A multi-institutional semantic integration platform. In *Museums and the Web. Archives and Museums Informatics*.

15. Astudillo, H., Pereira, J., & López, C. (2006). Evaluating alternative COTS assemblies from imperfect component information. In the *International Conference on the Quality of Software Architectures. Quality of Software Architectures. Lecture Notes in Computer Science*, vol. 4214 (pp. 22-47). Springer Berlin Heidelberg.

**Refereed workshop papers with book chapter (4 Scopus-indexed)**

1. López, C., & Brusilovsky, P. (2012). Towards adaptive recruitment and engagement mechanisms in social systems. In *Advances in User Modeling. Lecture Notes in Computer Science*, vol. 7138 (pp. 382-396). Springer Berlin Heidelberg.

2. López, C., Astudillo, H., & Cysneiros, L. M. (2008). Semantic-aided interactive identification of reusable NFR knowledge fragments. In *On the Move to Meaningful Internet Systems: OTM 2008 Workshops, Lecture Notes in Computer Science* (pp. 324-333). Springer Berlin Heidelberg.

WWW Comp. '14  
Short paper

CHI EA '14  
Doctoral consortium

CSCW '13  
Full paper

CHI '13  
Full paper

iConference '13  
Note

GROUP '12  
Full paper

UMAP '12  
Poster

EuroSPI '10  
Full paper

MW '08  
Full paper

QoSA '06

AUM '12

IWSA '08

3. López, C., & Astudillo, H. (2006). Multidimensional catalogs for systematic exploration of component-based design spaces. In the *1<sup>st</sup> International workshop on Advanced Software Engineering: Expanding the Frontiers of Software Technology. IFIP International Federation for Information Processing*, vol. 2019 (pp. 32-46). Springer US.

4. Astudillo, H., Pereira, J., & López, C. (2006). Identifying 'interesting' component assemblies for NFRs using imperfect information. In the *International European Workshop on Software Architectures. Lecture Notes in Computer Science*, vol. 4344 (pp. 204-211). Springer Berlin Heidelberg.

5. López, C., & Astudillo, H. (2005). Explicit architectural policies to satisfy NFRs using COTS. In *Satellite Events at the MoDELS 2005 Conference. Lecture Notes in Computer Science*, vol. 3844 (pp. 227-236). Springer Berlin Heidelberg.

**Refereed colloquiums and workshop papers (5 Scopus-indexed)**

1. López, C. (2014) Investigating local information ecosystems and the adoption of local online communities. *Organizational Communication & Information Systems Doctoral Consortium, Academy of Management*.

2. López, C. (2014) Investigating local information ecosystems and the adoption of local online communities. *iConference Doctoral Colloquium*.

3. López, C., Farzan, R. & Cliff, S. (2014). Measuring the impact of local community initiatives: A crowdsourcing approach. *Citizen-X workshop*, held in conjunction with *HCOMP*.

4. López, C. & Brusilovsky, P. (2012). Designing adaptive engagement approaches for audience-bounded online communities. In *Workshop on Design, Influence and Social Technologies*, held in conjunction with *CSCW*. **[Oral presentation]**

5. López, C., & Brusilovsky, P. (2011). Adapting engagement e-mails to users' characteristics. In *Workshop on User Models for Motivational Systems*, held in conjunction with *UMAP* **[Oral presentation]**

6. Baracaldo, N., López, C., Anwar, M., & Lewis, M. (2011). Simulating the effect of privacy concerns in online social networks. In *IEEE International Conference on Information Reuse and Integration*, 2011 (pp. 519-524). IEEE.

7. Codocedo, V., López, C., & Astudillo, H. (2010). Jump-starting a body-of-knowledge with a semantic wiki on a discipline ontology. In *5<sup>th</sup> Workshop on Semantic Wikis Linking Data and People*, held in conjunction with *ISWC*.

8. López, C., Cysneiros, L. M., & Astudillo, H. (2008). NDR ontology: Sharing and reusing NFR and design rationale knowledge. In *First International Workshop on Managing Requirements Knowledge*. (pp. 1-10). IEEE. **[Oral presentation]**

9. Cysneiros, L. M., Breitman, K. K., López, C., & Astudillo, H. (2008). Querying software interdependence graphs. In *the 32nd Annual IEEE Software Engineering Workshop* (pp. 108-112). IEEE.

10. López, C., Astudillo, H., & Pereira, J. (2007). Towards robustness analysis of component-based systems built on imperfect information. In *the International Workshop on Living with Uncertainties*, in conjunction with *ASE*.

11. López, C., & Astudillo, H. (2005). Use case-and scenario-based approach to represent NFRs and architectural policies. In *Proceedings of 2<sup>nd</sup> International Workshop on Use Case Modeling: Use Cases in Model-Driven Software Engineering*, held in conjunction with *MoDELS*.

IWASE '06  
Full paper

EWSA '06

SE MoDELS '05

OCIS DC '14

iConference DC '14

Citizen-X '14

DIST '12

UMMS '11

IRI '11

SemWiki '10

MARK '08

SEW '08

IWLA '07

WUsCaM '05

## Papers in preparation

1. **López, C.**, Farzan, R, & Lin, Y. Migration and turnover across discussion forums for urban communities. Journal submission.
2. **López, C.**, Lee, M., Farzan, R, & Butler, B. Exploring public local events through user-generated content: opportunities and challenges. To be submitted to JASIST.
3. Brusilovsky, P., Oh. J.S., **López, C.**, Parra, D. & Jeng, W. Linking information and people in a social information system for academic conferences. Submitted to Journal New Review of Hypermedia and Multimedia.

## Service activities

Program committee member ICWSM	ICWSM '16
Workshop organization: "Information Technology and the City Life". Daly, E., Erete, S., Farzan, R., Hsieh, G., Lampe, C., <b>López, C.</b> , Monroy-Hernandez, A., Quercia, D., Schwartz, R., Voida, A.	CSCW '15 Workshop
Reviewer for CSCW, CHI, ICWSM, WWW, AOM, iConference, JSS, TBD	2013,2014, 2015

## Awards to participate in research events

Catalyst team "Socio-technical systems for representation of local information landscapes", 2015 CSST Summer Research Institute	CSST Camp '15 Catalyst team
CHI Doctoral Consortium	CHI DC '14
OCIS Doctoral Consortium, Academy of Management	OCIS DC '14
iConference Doctoral Colloquium	iConference DC '14
Summer Social Webshop	2011
Social Computational Systems Workshop	2011

## Fellowships

Teaching fellowship, School of Information Sciences, University of Pittsburgh	Fall 2014
PhD Fulbright fellowship, Fulbright Commission, USA-Chile	2010 - 2014
PhD Becas Chile scholarship, Conicyt, Chile	2010 - 2014
Tuition scholarship, School of Information Sciences, University of Pittsburgh	2010 - 2014
Graduate exchange program, The Canadian Bureau for Int. Education	2008
Scientific initiation fellowship, UTFSM, Chile	2006
M. Sc. Tuition scholarship, UTFSM, Chile	2004 - 2006