

CURRICULUM VITAE

DAVID J. SAAB, PHD

Instructor, Researcher

+1.814.574.8300 • djsaab@gmail.com

www.djsaab.info • Skype: [davidjsaab](https://www.skype.com/people/davidjsaab)

Post-doctoral Preparation

- Research Consultant, Atlas Travel & Technology Group, Marlborough, MA (2017)
- Research Associate, Macrocognition, Washington, DC (2012-2015)
- Instructor, College of Information Sciences and Technology, The Pennsylvania State University, University Park, PA (2013)
- Postdoctoral Fellow, College of Information Sciences and Technology, The Pennsylvania State University, University Park, PA (2011-2012)

Academic Preparation

- Ph.D. Information Sciences and Technology, The Pennsylvania State University, University Park, PA. (2011)
- M.A. Intercultural Relations, Lesley University, Cambridge, MA. (2003)
- B.A. Psychology and Philosophy, Northwestern University, Evanston, IL (1986)

Courses Taught

IST 402: Ethics of Technology and Information, College of Information Sciences and Technology, Penn State University, Spring 2013.

SRA 111: Introduction to Security and Risk Analysis, LEAP Section, College of Information Sciences and Technology, Penn State University, Summer 2012 .

SRA 111: Introduction to Security and Risk Analysis, College of Information Sciences and Technology, Penn State University, Summer 2012 .

IST 110: Introduction to Information Sciences and Technology, College of Information Sciences and Technology, Penn State University, Summer 2012.

IST 541: Qualitative Research in Information Sciences and Technology, College of Information Sciences and Technology, Penn State University, Spring 2012.

IST 402: Social Media in Organizations [Online], College of Information Sciences and Technology, Penn State University, Spring 2012.

IST 402: Information Ethics in Technology-based Ecosystems, College of Information Sciences and Technology, Penn State University, Spring 2010.

IST 301: Information and Organizations, College of Information Sciences and Technology, Penn State University, Spring 2009.

Publications

Journal Articles

- Saab, D.J. and Riss, U.V. (2011) Information as Ontologization, *Journal of the American Society of Information Sciences and Technology (JASIST)*, 62(11):2236-2246, doi: 10.1002/asi.21615.
- Saab, D.J., Tapia, A. Maitland, C.F., VanGorp, A., Maldonado, E., Ngamassi Tchouakeu, L.M., (2012) Inter-organizational Coordination in the Wild: Trust-Building and Collaboration among Field Level ICT Workers in Humanitarian Relief Organizations, *Voluntas*, doi: 10.1007/s11266-012-9285-x.
- Saab, D.J. (2010) Teaching Information Ethics in an iSchool, *International Review of Information Ethics*, 14(12/2010), Available at <http://www.i-r-i-e.net/>.
- Saab, D.J. (2009) A conceptual investigation of the ontological commensurability of spatial data infrastructures among different cultures, *Earth Science Informatics - Special Issue on Spatial Data Infrastructures for the Sustainability of the Brazilian Amazon: Integrating People, Information, and Models*, 2(4):283-297. Berlin: Springer.
- Saab, D.J. and Fonseca, F. (Under review) Overcoming the Semantic Barrier: Intercultural and Intracultural Usage of Semantic Technologies, *Journal of the American Society of Information Sciences and Technology (JASIST)*.
- Saab, D.J. And McGill, W. (Under review) Sociocultural factors in the intelligence consumer's reasoning about analytic confidence, *International Journal of Intelligence and CounterIntelligence*.

Book Chapters

- Saab, D.J., & Fonseca, F. (2014). Ontological Complexity and Human Culture, in R. Hagenhuber & U. Riss (eds.), *Philosophy, Computing and Information Science: History and Philosophy of Technoscience: 3*, pp. 131-143, London: Pickering & Chatto Publishers.
- Saab, D.J., & Riss, U.V. (2010). Logic and Abstraction as Capabilities of Mind, In J. Vallverdú (ed.), *Thinking Machines and the Philosophy of Computer Science: Concepts and Principles*, Hershey, PA: IGI Global.

Conference Papers

- Saab, D.J. (2011) An Emergent Culture Model for Discerning Tag Semantics in Folksonomies, *Proceedings of the iConference 2011, University of Washington, Seattle, WA, February 8-11, 2011*.
- Saab, D.J. (2010) The Ontology of Tags, *Proceedings of the iConference 2010, University of Illinois, Urbana-Champaign, IL, February 3-6, 2010*.
- Saab, D.J., & Riss, U.V. (2009). Logic and Abstraction as Capabilities of Mind, paper presented at 7th European Conference on Computing and Philosophy, Barcelona, Spain, July 2-4, 2009.
- Saab, D.J. (2009). Culture as Mediator for What Is Ready-to-hand: A Phenomenological Exploration of Semantic Networks, paper presented at North American Conference on Computing and Philosophy, Bloomington, IN, USA, June 14-16, 2009.
- Saab, D.J., & Fonseca, F. (2008). Ontological Complexity and Human Culture, paper presented at Philosophy's Relevance in Information Science, Paderborn, Germany, October 3-4, 2008.
- Saab, D.J. (2008) An Ethnorelative Framework for Information Systems Design, in *Proceedings of the Fourteenth Americas Conference on Information Systems, AMCIS 2008, Toronto, ON, Canada August 14th-17th 2008*.

Saab, D.J. (2008) On the Importance of Cultural Schemas for Information System Ontologies. *The First US-China Workshop on GeoCollaborative Crisis Management (GCCM)*, Penn State University, University Park, PA, USA, May 23-24, 2008.

Saab, D.J., Maldonado, E., Orendovici, R., Tchouakeu, L-M., van Gorp, A., Zhao, K., Maitland, C., Tapia, A.H. (2008) Building global bridges: Coordination bodies for improved information sharing among humanitarian relief agencies, *Proceedings of the 5th International ISCRAM Conference*, F. Fiedrich and B. Van de Walle, (eds.), Washington, DC, USA, May 4-7, 2008.

A.F. van Gorp, L.M. Ngamassi Tchouakeu, C.F. Maitland, D.J. Saab, A. Tapia, E. Maldonado, R. Orendovici, and K. Zhao (2008) VSAT Deployment for Post-Disaster Relief and Development: Opportunities and Constraints for Inter-Organizational Coordination among International NGOs. *The 17th Biennial Conference of the International Telecommunications Society*. Montreal, Canada, June 24-27, 2008.

Workshops

Saab, D.J. (2008) Trust Me. I'm from a Humanitarian Relief Organization, and I'm here to Coordinate. A presentation given at *The Second US-China Workshop on GeoCollaborative Crisis Management (GCCM)*, Penn State University, University Park, PA, USA, December 3-5, 2008

Peters, M., Haynes, S., Saab, D.J., Mentis, H., Durrant, A. (2007) Exploring design as a research activity, *Conference on Human Factors in Computing Systems, CHI '07 extended abstracts on Human factors in computing systems*, San Jose, CA, April 28 - May 03, 2007.

Hoffman, B., Mentis, H., Peters, M., Saab, D., Schweitzer, S., Spielvogel, J. (2006) Exploring design as a research activity, *Symposium on Designing Interactive Systems, Proceedings of the 6th conference on Designing Interactive Systems*, University Park, PA, June 26-28, 2006.

Online

Saab, D.J. (2003) *Conceptualizing Space: Mapping Schemas as Meaningful Representations*, Master's Thesis, Lesley University, Online: http://www.djsaab.info/thesis/djsaab_thesis.pdf

Saab, D.J. (1997) *The Dance of the Passamaquoddy: A cultural study of the Passamaquoddy Tribe portrayed through the metaphor of traditional dance*, Online: <http://www.djsaab.info/writing/passamoquoddy.pdf>

In Progress

Saab, D.J. and Fonseca, F. (In progress) Discerning Tag Semantics through Disaggregation Based on Cultural Identities and Heideggerian Hermeneutics.

Saab, D.J., (In progress) An Expanded Ethnorelative Design Framework for Information Systems.

Saab, D.J. (In progress) Incentivizing Information Flow in Self-organizing Social Networks during Extreme Events.

Saab, D.J. (In progress) A Literature Survey and Reconceptualization of Dimensional Models of Culture at the National and Organizational Levels.

Saab, D.J. (In progress) Uncovering the Ethics of Algorithms

Grants & Awards

Google Award, Outstanding Future Scholar, iConference 2011 for paper, *An Emergent Culture Model for Discerning Tag Semantics in Folksonomies*, February 2011.

IGERT Travel Grant to participate in the Vespucci Initiative, Summer Institute on Spatial Data Infrastructure, Fiesole, Italy, July 2006.

Invited Talks

The Ontology of Tags to IST 501: Foundations of IST Research course, October 2010.

Ontological Complexity and Human Culture to IST 501: Foundations of IST Research course, November 2009.

Trust Me. I'm from a Humanitarian Relief Organization, and I'm here to Coordinate. A presentation given at *The Second US-China Workshop on GeoCollaborative Crisis Management (GCCM)*, Penn State University, University Park, PA, USA, December 3-5, 2008.

Florida's "What is Philosophy of Information?" to IST 501: Foundations of IST Research course, September 2008.

Florida's "What is Philosophy of Information?" to IST 501: Foundations of IST Research course, September 2007.

Synergistic Experience

- Teaching Assistant, IST 240 Introduction to Programming Languages, Penn State University, Fall 2010
- Research Assistant, NC²IF, Center for Network-Centered Cognition and Information Fusion, Penn State University, May 2008 – January 2010.
- Teaching Assistant, IST 230 Logic, Language & Discrete Mathematics, Penn State University, Spring 2008
- Research Assistant, COHORT Project, Penn State University, June 2007 – December 2007.
- Research Assistant, TLMC Marine Corps, Penn State University, January 2007 – June 2007.
- Chair, IST Graduate Symposium, Penn State University, February 2007.
- Research Assistant, Sense & Respond, Penn State University, June 2006 – December 2006.
- Participant, Vespucci Initiative, Summer Institute on Spatial Data Infrastructure, Fiesole, Italy, July 2006, funded through an IGERT grant.
- Organizer, Workshop on Exploring Design as a Research Activity, DIS 2006, Penn State University, State College, PA, June 2006.
- Researcher, GIS Development, Parry Sound/Wasauksing First Nation, Lesley University, 2/98 - 6/98.
- Ethnographic Researcher, Passamoquoddy Tribe, Lesley University, 9/97 - 12/97.
- Teaching Assistant, Intro to Intercultural Relations, Lesley University, 9/97 – 12/97.
- Teaching Assistant, Advanced Topics in Intercultural Research, Lesley University, 9/96 – 6/97.
- Research Assistant, Graduate School Survey, Lesley University, 6/97 - 12/97.
- Research Assistant, Alumni Relations Database Development, Lesley University, 9/96 - 6/97.
- Research Assistant, NEH Grant, Lesley University, 6/96.
- Research Assistant, Classroom Videotape, Lesley University, 12/95 – 1/96.