

## CURRICULUM VITAE

### DAVID J. SAAB

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### ACADEMIC PREPARATION

Ph.D. Information Sciences and Technology, The Pennsylvania State University, University Park,  
PA. (Expected 2010)  
M.A. Intercultural Relations, Lesley University, Cambridge, MA. (2003)  
B.A. Psychology and Philosophy, Northwestern University, Evanston, IL (1986)

### PROFESSIONAL PREPARATION

Consultant, Modis Incorporated, Burlington, MA, 8/01 – 11/01  
Training Manager, Knowledge Impact, Wayland, MA, 9/99 – 2/01  
Senior Instructor, Knowledge Impact, Wayland, MA, 9/98 – 9/99  
Administrative Assistant, Lesley University, Cambridge, MA, 7/96 – 9/97  
Performance Enhancement Analyst, Johnson Controls World Services, Inc., Kwajalein, Republic of  
the Marshall Islands, 4/91 – 2/95  
Peace Corps Volunteer, Republic of the Marshall Islands, 6/87 – 11/90

### PUBLICATIONS

#### (JOURNAL ARTICLES)

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). Berlin: Springer. (Forthcoming, December 2009)

#### (BOOK CHAPTERS)

Saab, D.J., & Riss, U.V. (2009). 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. (Forthcoming)

#### (CONFERENCE PAPERS)

Saab, D.J., & Riss, U.V. (2009). Logic and Abstraction as Capabilities of Mind, paper presented at  
*7<sup>th</sup> European Conference on Computing and Philosophy, Barcelona, Spain, July 2-4, 2008.*  
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 in *Proceedings of Philosophy's Relevance in Information Science, Paderborn, Germany, October 3-4, 2008*. (Forthcoming)
- 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., 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 First 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](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., Tapia, A. Maitland, C.F., VanGorp, A., Maldonado, E., Ngamassi Tchouakeu, L.M., (Pending) "Inter-organizational Coordination in the Wild: Trust-Building and Collaboration among Field Level ICT Workers in Humanitarian Relief Organizations." Submitted to *Voluntas*, February 2009.
- Saab, D.J., (In progress) Mandala Creation, Cultural Emergence and the Software Designer.
- Zhang, S. and Saab, D.J. (In progress) Ontological Structure of Knowledge as Represented by Tag Networks.

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) The Ontology of IST.

Saab, D.J. (In progress) The phenomenological relationships of data, information, knowledge and understanding.

Saab, D.J. (In progress) Before wealth, sentiments: The dilemma of the artificial autonomous agent

#### **INVITED TALKS**

Trust Me. I'm from a Humanitarian Relief Organization, and I'm here to Coordinate. A presentation given at *The First 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 2007.

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

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

#### **SYNERGISTIC EXPERIENCE**

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

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

Research Assistant, NC<sup>2</sup>IF, Center for Network-Centered Cognition and Information Fusion, Penn State University, Summer 2008 – present.

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.

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.

**GRADUATE ADVISORS**

Frederico Fonseca (Penn State University)

Andrea Tapia (Penn State University)

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Richard Doyle (Penn State University)