

# Guide to the Tenure Case of Gerry Stahl

## 1. This Guide

These documents are available electronically with live links to all my publications and supporting materials at: <http://www.cis.drexel.edu/faculty/gerry/tenure/>

## 2. Tenure Dossier

- Executive Summary listing highlights of scholarship, teaching and service while at Drexel
- Narrative reviewing growth of career and research agenda
- Annual highlights summarizing work each year at Drexel

## 3. Curriculum Vitae

- Education
- Grantsmanship
- Software projects
- Publications
- Community service
- Teaching

## 4. Introduction to *Group Cognition*

My 500-page monograph published last year by MIT Press includes my most important research for the first dozen years of my career, from receiving my PhD in 1993 through my first years at Drexel. It provides extensive background on the problem of computer support for collaboration, describes several systems that I have developed, and discusses methodological considerations and theoretical reflections in some depth. The introductory essay describes the approach of the book and my perspective on my research. The detailed arguments and studies in the whole book are available online at <http://www.cis.drexel.edu/faculty/gerry/mit/>. The Tenure Dossier reproduces brief reviews of the book, noting its significance for the research field of Computer-Supported Collaborative Learning (CSCL). (Stahl, 2006a)

## 5. Conclusion to *Group Cognition*

The concluding essay in my book is probably the best presentation of my conception of group cognition to date, relating it to other theories of interaction and distributed cognition. (Stahl, 2006a)

## 6. “CSCL: An Historical Perspective”

I developed an historically-grounded argument for an approach to CSCL research that focuses on the processes of meaning making in collaborative interactions. I published this with two collaborators as the CSCL entry in the influential *Cambridge Handbook of the Learning Sciences*. In order to promote

this approach globally, I have had this essay translated into Spanish, traditional and simplified Chinese, German, Portuguese, Romanian and Japanese. (Stahl, Koschmann, & Suthers, 2006)

### **7. “Overview of the Virtual Math Teams Project”**

My research at Drexel has centered around the Virtual Math Teams (VMT) project, of which I am the Principal Investigator (PI) and Director. An Overview of the *Virtual Math Teams Project* written for teachers and researchers is included as background information. (Stahl & Zhou, 2006)

### **8. “Social Practices of Group Cognition in Virtual Math Teams”**

This book chapter summarizes the following three case studies and puts them in the context of my research agenda. (Stahl, 2007)

### **9. “Supporting Group Cognition in an Online Math Community: A Cognitive Tool for small-Group Referencing in Text Chat”**

A journal article on deictic pointing in the VMT virtual environment as a basis for joint problem solving. This article is recommended as the best example of my research. (Stahl, 2006b)

### **10. “Sustaining Group Cognition in a Math Chat Environment”**

A journal article on a case study of the use of math proposal adjacency pairs to sustain collaborative problem solving. This article is based on my ICCE 2006 “best paper”. (Stahl, 2006c)

### **11. “Analyzing and Designing the Group Cognitive Experience”**

A journal article on a case study of individual and group problem solving. This article is based on my CRIWG 2003 Opening Keynote. (Stahl, 2006d)

### **12. Introduction to *ijCSCL* volume 2**

The introduction to the second year of the *International Journal of Computer-Supported Collaborative Learning* (ijCSCL), which I founded, may convey the flavor of my perspective on the role of the journal in promoting the research field. (Stahl & Hesse, 2007)

### **Summary**

I believe that my book on *Group Cognition* initiates a productive research agenda. My recent case studies push that agenda to a further level, demonstrating concretely the approach proposed in the book. I anticipate that the next stage will include several intensive explorations of specific aspects of this agenda by my PhD students. In addition to facilitating and helping to publish the studies of VMT data by colleagues in an edited volume I plan to publish, I have contracted for a systematic monograph of my own (in the CSCL series by Springer) to outline a comprehensive theory of computer-supported collaborative learning, building on the design experiments and analyses of the VMT research lab. These two books will document the VMT project as a model for research in group cognition.

### **References**

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