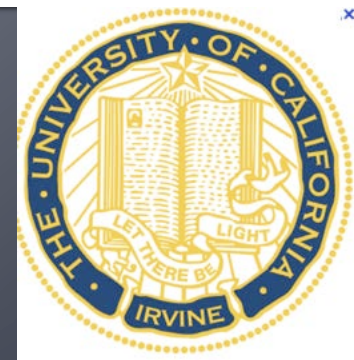


Quo Imus

Judy Olson

Department of Informatics

UC Irvine



Background

- Team Science
- Cognitive and social psychology
- Observations, participation, interviews
- Experiments, agent-based models

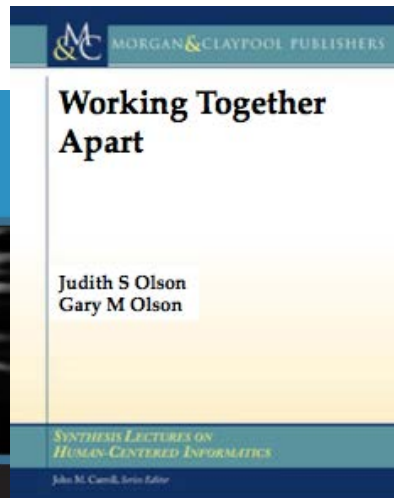
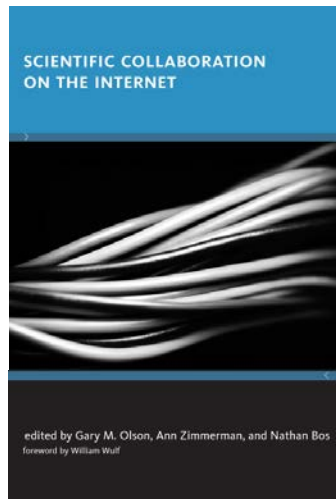
HUMAN-COMPUTER INTERACTION, 2000, Volume 15, pp. 139-178
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Distance Matters

Gary M. Olson and Judith S. Olson
University of Michigan

ABSTRACT

Giant strides in information technology at the turn of the century may have unleashed unreachable goals. With the invention of groupware, people expect to communicate easily with each other and accomplish difficult work even though they are remotely located or rarely overlap in time. Major corporations launch global teams, expecting that technology will make "virtual collocation" possible. Federal research money encourages global science through the establishment of "collaboratories." We review over 10 years of field and laboratory investigations of collocated and noncollocated synchronous group collaborations. In particular, we compare collocated work with remote work as it is possible today and comment on the promise of remote work tomorrow. We focus on the sociotechnical conditions required for effective distance work and bring to-



Collaboration Success Wizard

Collaboration Success Wizard Report for The FaceBase Consortium
July 31, 2003 03 pm

This report is generated from your survey responses and is based on suggestions, comments, and questions that you provided. It is intended as a tool for reflection, not as a tool for evaluation. It is intended to help you understand your project's strengths and weaknesses, and to help you identify areas for improvement. The report is intended to be used as a tool for reflection, not as a tool for evaluation. It is intended to help you understand your project's strengths and weaknesses, and to help you identify areas for improvement.

Overview based on your responses

Strong Points

1. **Collaboration Success:** To what extent do you think the people in FaceBase actively help each other to succeed in their work? (Strongly agree) 5 (Neutral) 4 (Disagree) 3 (Strongly disagree) 2 (Very strongly disagree) 1
2. **Collaboration Success:** To what extent do you think the people in FaceBase actively help each other to succeed in their work? (Strongly agree) 5 (Neutral) 4 (Disagree) 3 (Strongly disagree) 2 (Very strongly disagree) 1
3. **Collaboration Success:** To what extent do you think the people in FaceBase actively help each other to succeed in their work? (Strongly agree) 5 (Neutral) 4 (Disagree) 3 (Strongly disagree) 2 (Very strongly disagree) 1

Areas that Need Improvement

1. **Collaboration Success:** To what extent do you think the people in FaceBase actively help each other to succeed in their work? (Strongly agree) 5 (Neutral) 4 (Disagree) 3 (Strongly disagree) 2 (Very strongly disagree) 1
2. **Collaboration Success:** To what extent do you think the people in FaceBase actively help each other to succeed in their work? (Strongly agree) 5 (Neutral) 4 (Disagree) 3 (Strongly disagree) 2 (Very strongly disagree) 1
3. **Collaboration Success:** To what extent do you think the people in FaceBase actively help each other to succeed in their work? (Strongly agree) 5 (Neutral) 4 (Disagree) 3 (Strongly disagree) 2 (Very strongly disagree) 1

Imus

- Quo Imus Where are we going
- Qua Imus How do we get there
- Ibimus quo vadet
 We will go where we go

You are brave souls

- Novelty – convention
- Attention allocation
 - Cognitive load
 - Dunbar's number
- Trust
 - Skill, do what say, won't take advantage
- Self-organizing, heterogeneous, semi-structured, interdisciplinary multi-teams
 - Oh my
- Truth
- The future

When there are contradictions....

- What is the setting?
 - Motivations/rewards
 - Ad hoc groups vs long term
 - What tasks are they engaged in
 - What stage of development
 - Scale

My favorite part

- Spontaneous critical thinking
- Alternate explanations for results
- Correlation - causation