

Daniel Burton Shank

Department of Sociology
421 Baldwin Hall
University of Georgia
Athens, GA 30602-1611

706-542-2421 (department)
706-542-4320 (fax)
dbshank@uga.edu

EDUCATION

- 2011 **Ph.D.** Sociology, University of Georgia (anticipated), Athens, Georgia
Committee: Dawn T. Robinson (Chair), Jody Clay-Warner, James W. Balkwell
- 2008 **M.A.** Sociology, University of Georgia
Thesis: "Affect toward Computers Who Coerce in Social Exchange"
Committee: Dawn T. Robinson (Chair), Jody Clay-Warner, James W. Balkwell
- 2007 **Certificate** Dynamic Network Analysis and Computational Organization Theory, Carnegie Mellon University, Pittsburgh, Pennsylvania
- 2006 **M.S.** Artificial Intelligence, University of Georgia
Thesis: "Dew Point Temperature Prediction Using Artificial Neural Networks"
Committee: Ronald W. McClendon (Chair), Gerrit Hoogenboom, Michael A. Covington, Walter D. Potter
- 2003 **B.A.** Computer Science, Harding University, Searcy, Arkansas

PUBLICATIONS

- Shank, Daniel B. In Progress. "Injustice in Social Exchange: The Effects of Computer Identity and Gender."
- Shank, Daniel B. In Progress. "Affect toward Computers Who Coerce in Social Exchange."
- Robinson, Dawn T. and Daniel B. Shank. Forthcoming, 2008. "Affect Control Theory." In *Encyclopedia of Group Processes and Intergroup Relations*. Sage Publications. Thousand Oaks, CA.
- Shank, Daniel B., Ronald W. McClendon, Joel Paz, and Gerrit Hoogenboom. 2008. "Ensemble Artificial Neural Networks for Prediction of Dew Point Temperature." *Applied Artificial Intelligence*. 22(6): 523-542.
- Shank, Daniel B., Gerrit Hoogenboom, and Ronald W. McClendon. 2008. "Dew Point Temperature Prediction Using Artificial Neural Networks." *Journal of Applied Meteorology and Climatology: a Journal of the American Meteorological Association*. 47(6): 1757-1769.

RESEARCH POSITIONS

- 2006-present Laboratory for the Study of Social Interaction (LaSSI), Department of Sociology,
University of Georgia
2008-present Laboratory Manager
2006-2008 Associate Laboratory Manager

- 2005-2006 Research Assistant, Georgia Automated Environmental Monitoring Network Project, Decision Support Systems Laboratory, Biological and Agricultural Engineering Department, University of Georgia
- 2003-2004 Laboratory Assistant and Coordinator, UltraLog Project funded by Defense Advanced Research Projects Agency, Intelligent Security Systems Research Laboratory (ISSRL), Computer Science Department, University of Memphis
- 1998-1999 Laboratory Assistant and Java Programmer, AutoTutor Project, Advanced Learning Technologies Laboratory, Institute for Intelligent Systems, Psychology Department, University of Memphis

PRESENTATIONS

- 2008 “Affect toward Computers Who Coerce in Social Exchange” American Sociological Association Annual Meeting, Boston, Massachusetts
- 2008 “Injustice in Social Exchange: The Effects of Computer Identity and Gender” Group Processes Conference, Boston, Massachusetts
- 2007 “Perceptions of Computers Who Coerce” Group Processes Conference, New York City, New York
- 2007 “Affective Responses When Interacting With Computers” Southern Sociological Society Annual Meeting, Atlanta, Georgia
- 2007 “Ensemble Artificial Neural Networks for Dew Point Temperature Prediction” Georgia Graduate Student Interdisciplinary Conference, University of Georgia
- 2006 “Dew Point Temperature Prediction Using Artificial Neural Networks” Practical Artificial Intelligence Workshop, Artificial Intelligence Center, University of Georgia
- 2003 “Artificial Intelligence Learning Algorithms for Two-Player, Perfect-Information Games” Senior Seminar, Computer Science Department, Harding University

RESEARCH INTERESTS

Social Psychology	Group Processes	Symbolic Interactionism
Social Exchange	Emotions	Justice
Mathematical Sociology	Computational Sociology	Artificial Intelligence
Social Simulations	Social Networks	Transhumanism

TEACHING EXPERIENCE

- 2008 Instructor, Department of Sociology and Family Studies, Abilene Christian University, Abilene, Texas
Undergraduate: Ethics and Social Issues (Online)
- 2006-2008 Teaching Assistant, Department of Sociology, University of Georgia
Undergraduate: Introductory Sociology, Social Interaction, Advanced Social Psychology
- 2004 Interim Teacher, Memphis Harding Academy, Memphis, Tennessee
High School: Calculus, Pre-Calculus, Algebra 2

AWARDS AND HONORS

- 2007 \$400 Scholarship, Computational Analysis of Social and Organizational Systems Summer Institute, Carnegie Mellon University
- 2003 Outstanding Service Award, Programming Team, Computer Science Department, Harding University
- 2003 Software Development "Othello Remix" First Place Team, Computer Science Department, Harding University
- 2003 Artificial Intelligence Super bowl Tournament "Othello Remix" First Place Team, Computer Science Department, Harding University
- 1999 Distinguished Student Honors Program, American Studies Institute, Harding University
- 1999 Trustee Scholarship, Harding University
Full-tuition, four-year scholarship

PROFESSIONAL SERVICE

- 2007-2008 Representative to the Faculty, Sociology Graduate Society, University of Georgia
- 2007-2008 Mentor, Mentoring program of first-year graduate students, Department of Sociology, University of Georgia

PROFESSIONAL MEMBERSHIPS

American Sociological Association: Social Psychology, Communication and Information Technologies, Mathematical Sociology, Sociology of Emotions
Southern Sociological Society
International Network for Social Network Analysis
Phi Kappa Phi Honors Society

REFERENCES

Dawn T. Robinson, Ph.D.
Associate Professor, Department of Sociology, University of Georgia
706-542-8948
sodawn@uga.edu

Jody Clay-Warner, Ph.D.
Associate Professor, Department of Sociology, University of Georgia
706-542-3217
jclayw@uga.edu

Ronald W. McClendon, Ph.D.
Professor, Biological and Agricultural Engineering Department, University of Georgia
706-542-0882
rwmcc@enr.uga.edu