

## Phillip B. Coleman

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### Current Address:

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### Permanent Address:

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Abuquerque, NM 87109  
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### Education

B.S. Computer Science, Trinity University, 2008 (Expected)  
B.A. Communications, Trinity University, 2008 (Expected)

### Research Experience

Research Assistant 2005 – Present  
Dr. Yu Zhang Trinity University  
Creation of a new agent architecture combining intuitive/deliberative decision making  
with social awareness.

### Teaching Experience

Teacher Assistant, Multi-Agent Systems, Trinity University, Fall 2007  
Teacher Assistant, Principles of Algorithm Design, Trinity University, Spring 2006  
Teacher Assistant, Computer Skills, Trinity University, Fall 2005 – Fall 2006

### Job Experience

Software Engineer,  
Google Inc, Mountain View, CA, USA  
Summer 2007  
Supervisor: Mike Jones

Software Engineer  
Sandia National Laboratory, Albuquerque, NM, USA  
Summer 2005-2006  
Supervisor: Carlos Quintana

### Publications

Zhang, Y., Pellon, M., Coleman, P., Leezer, J., “*CASE: Cognitive Agents for Social Environments*”, the Seventh International Conference on Autonomous Agents and Multiagent Systems, 2008 (in review). [[PDF](#)]

Zhang, Y., Coleman, P., Pellon, M., Leezer, J., “*A Multi-Agent Simulation for Social Agents*”, Agent-Directed Simulation Symposium, 2008 (in review). [[PDF](#)]

Zhang, Y., Mark Lewis, Pellon, M. and Coleman, P., “*A Preliminary Research on Modeling Cognitive Agents for Social Environments in Multi-Agent Systems*”, 2007 Fall Symposium, Emergent Agents and Socialities: Social and Organizational Aspects of Intelligence, November 9-11, Westin Arlington Gateway in Arlington, Virginia, 2007 (accepted). [[PDF](#)]

Zhang, Y., Pellon, M. and Coleman, P., “*Decision Under Risk in Multi-Agent Systems*”, International Conference on System of Systems Engineering, San Antonio, Texas, April 16-18, 2007, pp. 133-138 (acceptance rate 65%). [[PDF](#)]

Coleman, P., Pellon, M. and Zhang, Y., “*Towards Human Decision-Making in Multi-Agent Systems*”, 2007 International Conference on Artificial Intelligence (IC-AI' 07), Monte Carlo Resort, Las Vegas, Nevada, June 25-28, 2007, pp. 535-540 (acceptance rate 29%). [[PDF](#)]

Coleman, P., Pellon, M. and Zhang, Y., “*Towards Human Decision-Making in Multi-Agent Systems*”, National Conference for Undergraduate Research, San Rafael, CA, 2007

Pellon, M., Coleman, P. and Zhang, Y., “*POOH: A Robust Hybrid Agent Model*”, Proceedings of the 10th World Multi-Conference on Systemics, Cybernetics and Informatics (SCI'6), Orlando, FL, July 16-19, 2006, (acceptance rate 59%). [[PDF](#)]

Pellon, M., Coleman, P. and Zhang, Y., “*POOH: A Robust Hybrid Agent Model*”, National Conference for Undergraduate (NCUR), Asheville, NC, 2006

#### Service

President of Upsilon Pi Epsilon (Trinity Chapter) 2006-2008  
Secretary of ACM (Trinity Chapter) 2007-2008  
President of the Student Film Society 2006-2008

#### Honors and Awards

Phi Beta Kappa 2007  
Blue Key Honor Society 2007  
Golden Key Honor Society 2007  
Mortar Board (Trinity Honor Service Society) 2007  
Old Crow Scholarship 2006  
Outstanding Junior Research Award (Trinity University) 2006  
Alpha Lambda Delta 2005  
Dean's List 2004-2007

#### Computer Skills

Expert: Java, C++, ML, Scheme, Linux, HTML, PHP, Javascript  
Intermediate: MatLab, J, Logos  
Basic: Assembly