

**Michael J. Prietula, Professor**

Address      Information Systems & Operations Management  
Goizueta Business School      Web of Science ID: E-5805-2011  
Emory University      Orchid ID: 0000-0002-9157-1719  
Atlanta GA 30322-2710      Email: mj.prietula@emory.edu

Hubert Department of Global Health      [Secondary Appointment]  
Rollins School of Public Health  
Emory University

Academic Degrees

Ph.D.      University of Minnesota, Minneapolis MN (1985)  
Carlson School of Management  
Major: Information Systems (Minors: Computer Science, Psychology)

MPH      University of Florida, Gainesville FL (2014)  
College of Public Health & Health Professions  
Master of Public Health

M.S. Ed.      Florida State University, Tallahassee FL (1975)  
College of Education  
Major: Instructional Design and Development (Computer-based Instruction)

App. Sci.      Purdue University, West Lafayette IN (1973)  
Polytechnic Institute  
Major: Computer & Information Technology

Bach. Sci.      Purdue University, West Lafayette IN (1972)  
College of Health & Human Sciences (Psychological Sciences)  
Major: Psychology

Academic/Research Positions

Emory University      Goizueta Business School  
Professor (2001 – present)  
Rollins School of Public Health, Hubert Department of Global Health  
(2019-present)  
Atlanta GA  
▪ Center for Neuropolicy (2012-2016)

Florida International Univ.      College of Business Administration  
State of Florida Eminent Scholar (Visiting, 2003 – 2004)  
Miami FL

University of Florida      Warrington College of Business, Decision & Information Sciences  
Associate Professor (1998 – 2001)  
Gainesville FL

Johns Hopkins University	Department Chair and Research Professor (Visiting) Department of Information Technology and Systems (1997 – 1998) Adjunct Professor: Johns Hopkins Medical School Baltimore MD
University of Florida	Fisher School of Accounting Information Systems & Operations Management Warrington College of Business Associate Professor (1994 – 1997) Gainesville FL
Carnegie Mellon University	Tepper School of Business Associate Professor (1986 – 1994) Faculty, Information Systems Faculty: Information Networking Institute Pittsburgh PA <ul style="list-style-type: none"> <li>▪ SOAR AI Research Group (Computer Science)</li> <li>▪ Center for the Management of Technology (Tepper)</li> </ul>
Dartmouth College	Program in Computer and Information Science Assistant Professor (1984 – 1986) Adjunct Faculty: Tuck School of Business Adjunct Professor: Dartmouth Medical School Hanover NH
Honeywell, Inc.	Systems and Research Center, Aerospace and Defense Group Research Scientist (1981 – 1983) National DoD Security Clearance: Secret (AI-HCI research) Minneapolis MN
University of Minnesota	Carlson School of Management Minneapolis MN <ul style="list-style-type: none"> <li>▪ MIS Research Center</li> <li>▪ Center for Research in Human Learning (Department of Psychology)</li> <li>▪ MIS Instructor (Day, Evening)</li> </ul>

#### Affiliated Appointments

- Faculty, *Hubert Department of Global Health, Rollins School of Public Health*, Emory University (2020-present)
- Faculty, *Georgia Diabetes Translation Research Center, National Institute of Diabetes and Digestive and Kidney Diseases*, Emory University (2016-present)
- External Scholar, *Florida Institute for Human and Machine Cognition*, Pensacola, FL (since 2001 - present)

### Editorial Positions [current]

Area Editor, *Journal of Computational and Mathematical Organization Theory*

Editorial Board, *Foundation and Trends in Information Systems*

### Panel Reviewer [current]

National Science Foundation

Emory Halle Institute for Global Research

### Merits

- *Psy Chi* (Psychology Honor Society)
- *Golden Key* (Honor Society)
- *Beta Gamma Sigma* (Business Honor Society)
- *IBM Dissertation Fellowship* (University of Minnesota)
- *Rank-XEROX Lecturer*, Templeton College, Oxford University, England
- *Rank-XEROX Research Chair* (Carnegie Mellon)
- *Visiting Research Associate*, University of Cambridge, Judge Business School
- *Best Paper Award*, *Hawaii International Conference of Systems Sciences*
- *Best Paper Award*, *Management History*, *Academy of Management*
- *Bentley College/HEC Award*, *Academy of Management*
- *Best Paper*, *International Conference on Global Defense and Business Continuity*
- *Best Paper*, *Knowledge Management Track & Best Conference Paper Finalist*, *International Conference of Information Systems*
- Top 5 downloaded papers 2014, *Organization Science*
- Most downloaded paper 2017, *Brain Connectivity*
- Top 10 downloaded papers 2017-2019, *JMIR mHealth & uHealth*
- Top 5% of publications *Altmetric* for journal articles (h-index = 36, g-index = 91)

### Grants Under Review

- *Training in Advanced Data Analytics for Behavioral and Social Sciences Research* (TADA- BSSR), NIH program (RFA-OD-19-011) [with Rollins School of Public Health]

### Grants Under Development

- *AI Ethics as Computational Policy: Planning grant*. NSF Responsible Design, Development, and Deployment of Technologies (ReDDDoT) [with Center for Ethics and Institute for Human & Machine Cognition]
- *Implementing an Evidence-based Intervention on a mHealth Texting Platform to Reduce Adolescent African American Women's risk of STI/HIV*. NIH trial [with Rollins School of Public Health]
- *Knowledge Exchange Among General Artificial Intelligence Agents*. NSF.
- *Designing an AI chatbot to Reduce Adolescent African American Women's Risk of STI/HIV*. NIH R01 [with Rollins School of Public Health and Computer Science. NIH R0]

### Books Under Development

- Hitch, J. & Prietula, M. *Leaders OnStage: 7 Steps to an Effective Presence*. (Working title, in preparation)
- Prietula, M. & Augier, M. *ABTOF: The Story of a Computer Model that Nudged a Discipline*. (Working title, in preparation)

### Working Papers

- Raman, R., Prietula, M. & Rand, W. *Preferential attachment, network emergence, and the bounds of rationality*.
- Gary, S., Prietula, M. & Feltoovich, P. *Forming and preserving managerial mental models of causal relationships*.
- Bray, D. & Prietula, M. *The influence of organization when the world has changed: Modeling March's exploration-exploitation hierarchies under turbulence*.
- Zhu, D. & Prietula, M. *A computational experiment in knowledge exchange among general artificial intelligence agents*.

### Under Review

- Brunswicker, S. & Prietula, M. *Modeling Crowds: The Impact of Design Transparency on Digital Innovation*. (International Journal of Information Management, 1<sup>st</sup> requested revision)

### Journal Articles

1. Levine, S., Prietula, M. & Majchrzak, A. (2023). Advice in Crisis: Principles of Organizational and Entrepreneurial Resilience. *Journal of Organizational Design*. Accepted for publication (2023).
2. Davis T, DiClemente RJ, Prietula M. (2020). Using ADAPT-ITT to modify a telephone-based HIV prevention intervention for SMS delivery. *JMIR Form Res*. PubMed PMID: 32831178
3. Davis, T., DiClemente, R. & Prietula, M. (2016). Taking mHealth forward: Examining the core characteristics. *Journal of Medical Internet Research: mHealth and uHealth*, 4(3), e97. doi:10.2196/mhealth.5659. PubMed PMID: 4149480
4. Nikolai, C., Johnson, T., Becerra-Fernandez, I., Prietula, M. & Madey, G. (2015). Design principles for modern crisis information management systems: From closed local systems to the web and beyond. *International Journal of Information Systems for Crisis Response and Management*, 7(2), 21-42.
5. Nikolai, C., Johnson, T., Prietula, M., Becerra-Fernandez, I. & Madey, G. (2015). SimEOC: A distributed web-based virtual emergency operations center simulator for training and research. *International Journal of Information Systems for Crisis Response and Management*, 7(1), 1-21.
6. Pincus, M., LaViers, L., Prietula, M. & Berns, G. (2014). The conforming brain and deontological resolve. *PLoS One*, 9(8), e106061.
7. Levine, S. & Prietula, M. (2014). Open collaboration for innovation: Principles and performance. *Organization Science*, 25(5), 1414-1433.
8. Berns, G., Blaine, K., Prietula, M. & Pye, B. (2013). Short- and long-term effects of a novel on connectivity in the brain. *Brain Connectivity*, 3(6), 590-600.
9. Levine, S. & Prietula, M. (2012). How knowledge transfer impacts performance: A multilevel model of benefits and liabilities. *Organization Science*, 23, 1748-1766.

10. Berns, G., Bell, E., Capra, M., Prietula, M., Moore, S., Anderson, B., Ginges, J. & Atran, S. (2012). The price of your soul: neural evidence for the non-utilitarian representation of sacred values. *Philosophical Transactions of the Royal Society B*, 367, 754-762.
11. Prietula, M. & Weingart, L. (2011). Negotiation offers and the search for agreement. *Negotiation and Conflict Management Research*, 4(2), 77-109.
12. Karr-Wisniewski, P. & Prietula, M. (2010). CASA, WASA, and the dimensions of us. *Computers in Human Behavior*, 26(6), 1761-1771.
13. Prietula, M. & Conway, D. (2009) The Evolution of Metanorms: Quis Custodiet Ipsos Custodes? *Computational and Mathematical Organization Theory*, 15, 147-168.
14. Buehler, J., Whitney, E., Smith, D., Prietula, M., Stanton, S. & Isakov, A. (2009). Situational Uses of Syndromic Surveillance. *Biosecurity and Bioterrorism: Biodefense Strategy, Practice, and Science*, 7(2), 165-177.
15. Bendoly, E. & Prietula, M. (2008). In 'The Zone': The role of evolving skill and transitional workload on motivation and realized performance in operational tasks. *International Journal of Operations and Production Management*, 28(12), 1130-1151.
16. Prietula, M. & Watson, H. (2008). When Behavior Matters: Games and Computation in A Behavioral Theory of the Firm. *Journal of Economic Behavior and Organization*, 66, 74-94.
17. Ericsson, K., Prietula, M., & Cokely, E. (2007). The making of an expert. *Harvard Business Review*, Jul-Aug, 114-121. Reprinted in Harvard Business Review OnPoint Magazine collection, *Find your focus: Get things done the smart way* (2013).
18. Augier, M. & Prietula, M. (2007). Historical Roots of the Cyert-March Computer Model at GSIA. *Organization Science*, 18, 507-522.
19. Prietula, M., Feltovich, P. & Marchak, F. Factors influencing the analysis of complex cognitive tasks: A framework and an example from industrial process control. *Human Factors*, 42(1), 2000, 56-74.
20. Hyder, E., Prietula, M. & Weingart, L. Getting to best: Efficiency versus optimality in negotiation, *Cognitive Science*, 24(2), 2000, 169-204.
21. Prietula, M. & Watson, H. Extending the Cyert-March Duopoly Model: Organizational and Economic Insights, *Organizational Science*, 11(5), 2000, 565-585.
22. Prietula, M. & Carley, K. Exploring the effects of agent trust and benevolence in a simulated organizational task, *Applied Artificial Intelligence*, 13, 1999, 321-338.
23. Weingart, L., Prietula, M., Hyder, E. & Genovese, C. (1999). Knowledge and the sequential processes of negotiation: A Markov chain analysis of Response-in-Kind, *Journal of Experimental Social Psychology*, 35, 366-393.
24. Carley, K., Prietula, M. & Lin, Z. (1998). Design versus cognition: The interaction of agent cognition and organizational design on organizational performance, *Journal of Artificial Societies and Social Simulation*, June, Available at: <http://www.soc.surrey.ac.uk/JASSS/>, 1: paper 4.
25. Zhu, D., Prietula, M. & Hsu, W. (1997). When processes learn: Steps toward crafting an intelligent organization. *Information Systems Research*, 8(3), 302-317.
26. Weingart, L., Hyder, E., & Prietula, M. (1996). Knowledge matters: The effect of tactical descriptions on negotiation behavior and outcomes. *Journal of Personality and Social Psychology*, 70, 1205-1217.
27. Prietula, M., Vicinanza, S. & Mukhopadhyay, T. (1996). Software-effort estimation with a case-based reasoner. *Journal of Experimental and Theoretical Artificial Intelligence*, 8, 341-363.
28. Prietula, M. & Carley, K. (1994). Computational organization theory: Autonomous agents and emergent behavior. *Journal of Organizational Computing*, 4(1), 41-83.

29. Prietula, M., Hsu, W-L., Steier, D. & Newell, A. (1993). Applying an architecture for general intelligence to scheduling. *ORSA Journal on Computing*, 5(3), 304-320.
30. Kumar, A., Ow, P.S. & Prietula, M. (1993). IS Support of distributed problem solving: An organizational simulation approach. *Management Science*, 39(2), 218-239.
31. Hsu, W-L., Prietula, M., Thompson, G.L. & Ow, P.S. (1993). A mixed-initiative scheduling workbench: Integrating AI, OR and HCI. *Decision Support Systems*, 9(3), 245-257.
32. Mukhopadhyay, T., Vicinanza, S. & Prietula, M. (1992). Examining the feasibility of a case-based reasoning method of estimating software Effort. *MIS Quarterly*, June, 155-171.
33. Hassebrock, F. & Prietula, M. (1992). A protocol-based coding scheme for the analysis of medical reasoning. *International Journal of Man-Machine Studies*, 37, 613-652.
34. Prietula, M. & March, S. (1991). Form and substance in physical database design: An empirical study. *Information Systems Research*, 2(4), 287-314.
35. Vicinanza, S., Mukhopadhyay, T. & Prietula, M. (1991). Software effort estimation: An exploratory study of expert performance. *Information Systems Research*, 2(4), 243-262.
36. Beck, R. & Prietula, M. (1985). Intelligent systems in teaching medical pathophysiology. *SIGART Newsletter*, 93, 44-46.
37. Prietula, M. & Simon, H. (1989). The experts in your midst. *Harvard Business Review*, Jan-Feb, 120-124.
38. Johnson, P., Duran, F., Hassebrock, F., Moller, P., Prietula, M., Feltovich, P. & Swanson, D. (1981). Expertise and error in diagnostic reasoning. *Cognitive Science*, 5, 235-283.
39. Church, T., Prietula, M., Schroeder, R. & Naumann, D. (1980). Computer support of a competency-determined curriculum. *Journal of Educational Technology Systems*, 8(2), 131-145.

#### Books

1. Prietula, M., Carley, K. & Gasser, L. (Eds.), *Simulating Organizations: Computational Models of Institutions and Groups*, MIT Press, 1998.
2. Carley, K. & Prietula, M. (Eds.), *Computational Organization Theory*. Hillsdale, NJ: Erlbaum, 1994.

#### Book Chapters

1. Feltovich, P., Prietula, M. & Ericsson, A. (2018) Studies of Expertise from Psychological Perspectives. In K. A. Ericsson, R. Hoffman, A. Kozbelt & M. Williams (Eds.) *Cambridge Handbook of Expertise and Expert Performance*, 2<sup>nd</sup> Edition. New York, NY: Cambridge University Press.
2. Pincus, M., LaViers, L., Prietula, M. & Berns, G. (2014). The conforming brain and deontological resolve. In Ph. Nichols D. Robertson (Eds.), *Thinking about bribery: Neuroscience, Moral Cognition and the Psychology of Bribery*. Cambridge, UK: Cambridge University Press. [Journal article reproduced]
3. Levine, S., Gorman, T. & Prietula, M. (2014). The benefits and liabilities of interacting for innovation. In K. Pugh (Ed.), *Smarter Innovation*. London, UK: Ark Group.
4. Prietula, M. & Kathuria, A. (2013). Computational simulations. In D. Teece & M. Augier (Eds.), *Palgrave Dictionary of Strategic Management*. London, UK: Palgrave MacMillan.
5. Prietula, M. (2011). Thoughts on complexity and computational methods (pp. 93-110). In Allen, P., Maguire, S. & McKelvey, B. (Eds). *The SAGE Handbook of Complexity and Management*. London, UK: Sage.

6. Levine, S. & Prietula, M. (2010). Where and when can open source survive? Towards a theory of robust performance. Published in P. Ågerfalk, C. Boldyreff, J. González-Barahona, G. Madey, J. Noll, eds. *Open Source Software: New Horizons*. Boston, MA: Springer, 2010.
7. Prietula, M. & Carley, K. (2007). Gossip matters: Destabilization of an organization by injecting suspicion. In A. Kott (Ed.), *Information warfare and organizational decision-making*. Boston, MA: Artech House.
8. Feltovich, P., Prietula, M. & Ericsson, A. (2006) Studies of Expertise from Psychological Perspectives. In K. A. Ericsson, N. Charness, P. Feltovich, & R. Hoffman (Eds.) *Cambridge Handbook of Expertise and Expert Performance*. New York, NY: Cambridge University Press.
9. Fiore, S.M., Hancock, P.A., Janelle, C.M., Szalma, J.L., Eccles, D.W., Tenenbaum, G., Feltovich, P., & Prietula, M. (2004). From the perceptual to the organizational: How can the science of expertise better inform the practice of human performance. In: D.A. Vincenzi, M. Mouloua, and P.A. Hancock, (Eds.). *Human Performance, Situation Awareness and Automation: Current Research and Trends*. (Volume II, pp. 83-91), Mahwah, NJ.: Erlbaum.
10. Prietula, M. Advice, Trust, and Gossip Among Artificial Agents. In A. Lomi and E. Larsen (Eds.), *Dynamics of Organizations: Computational Modeling and Organization Theories*. AAAI Press, 2001.
11. Prietula, M. & Carley, K. (2001). Boundedly rational and emotional agents: Cooperation, trust, and rumor. In C. Castelfranchi and Y-H. Tan (Eds.), *Trust and Deception in Virtual Societies*. Springer.
12. Carley, K. & Prietula, M. (1998). WebBots, Trust, and Organizational Science. In Prietula, M., Carley, K. & Gasser, L. (Eds.), *Simulating organizations: Computational models of institutions and groups*. AAAI Press.
13. Prietula, M., Carley, K. & Gasser, L. (1998). A Computational Approach to Organizations and Organizing. In Prietula, M., Carley, K. & Gasser, L. (Eds.), *Simulating organizations: Computational models of institutions and groups*. AAAI Press.
14. Vicinanza, S., Prietula, M. & Mukhopadhyay, T. (1997). Case-based Reasoning in Software Effort Estimation. In C. Kemerer (Ed.), *Software Project Management: Readings and Cases*. Chicago, IL: Irwin. [Journal article reproduced]
15. Lerch, F., Prietula, M. & Kulik, C. (1997). The Turing Effect: How do we trust machine advice? In K. Ford, P. Feltovich & R. Hoffman, (Eds.), *Human and Machine Expertise in Context*. Cambridge, MA: AAAI/MIT Press.
16. Prietula, M. & Weingart, L. (1994). Negotiation as problem solving. In J. Meindl, J. Porac & C. Stubbard (Eds.), *Advances in Managerial Cognition and Organizational Information Processing*. Greenwich, CT: JAI Press.
17. Prietula, M., Hsu, W-L., Ow, P.S. & Thompson, G. L. (1994). An interactive, mixed-initiative scheduler for decision support. In M. Zweben and M. Fox (Eds.), *Intelligent Scheduling*, Los Altos, CA: Morgan Kaufmann.
18. Carley, K. & Prietula, M. (1994). ACTS theory: Extending the model of bounded rationality. In K. Carley and M. Prietula (Eds.), *Computational Organization Theory*. Hillsdale, NJ: Erlbaum.
19. Prietula, M., Hsu, W-L., Steier, D. & Newell, A. (1994). Applying an architecture for general intelligence to scheduling. In P. Rosenbloom, J. Laird and A. Newell (Eds.), *The Soar Papers: Research on Integrated Intelligence*, MIT Press. [Journal article reproduced]
20. Lerch, J. & Prietula, M. (1992). Designing user interfaces to model management systems: A cognitive perspective. In E. Stohr and B. Konsynski (Eds.), *Information Systems and Decision Processes*, IEEE Computer Science Press.
21. Carley, K., Kjaer-Hansen, J., Newell, A. & Prietula, M. (1992). Plural-Soar: A prolegomenon on artificial agents and organizational behavior. In M. Masuch and G. Massimo (Eds.),

*Artificial Intelligence and Organization and Management Theory*, Amsterdam: North-Holland. [Journal article reproduced]

22. Vicinanza, S. & Prietula, M. (1993). A computational model of musical creativity. In P. Rosenbloom, J. Laird and A. Newell (Eds.), *The Soar Papers: Research on Integrated Intelligence*, Cambridge, MA: MIT Press. [Journal article reproduced]
23. Lerch, F.J. & Prietula, M. (1989). How Do We Trust Machine Advice? In G. Salvendy and M. Smith (Eds.), *Designing and Using Human-Computer Interfaces and Knowledge Based Systems*, Elsevier Science Publishers.
24. Mukhopadhyay, T., Prietula, M. & Vicinanza, S. (1989). Knowledge-based Components of Software Development Effort Estimation: An Exploratory Study. In L. Pau, T. Motiwalla, Y. Pao and H. Teh (Eds.), *Expert Systems in Economics, Banking and Management*. North-Holland.
25. Ow, P.S., Prietula, M. & Hsu, W-L. (1989). Configuring AI Systems to Organizational Structure: Issues and Examples from Multiple Agent Support. In L. Pau, T. Motiwalla, Y. Pao and H. Teh (Eds.), *Expert Systems in Economics, Banking and Management*, North-Holland.

#### Edited Proceedings, Journals.

1. Prietula, M. (Ed.), Introduction to Special Issue. *Journal of Computational and Mathematical Organization Theory*.
2. Prietula, M. (Ed.), *Proceedings of the AAAI Workshop on Artificial Intelligence and Theories of Groups and Organizations*. Eleventh National Conference on Artificial Intelligence, Technical Report Series, Menlo Park, CA: AAAI Press, 1993. [Available from AAAI Press]
3. Carley, K., Gasser, L. & Prietula, M. (Eds.). Special Issue: Mathematical and Computational Models of Organizations: Models and Characteristics of Agent Behavior. *International Journal of Intelligent Systems in Accounting, Finance and Management*, 2(4), 1993.

#### Paper presentations, posters & proceedings papers

1. Levine, S., Prietula, M. & Majchrzak, A. Navigating the Fog of Choice: A Theory of Strategic Advice. *13<sup>th</sup> Annual People and Organizations Conference, The Wharton School*, Philadelphia PA, October 2-3, 2020.
2. Levine, S., Prietula, M. & Majchrzak, A. Take it or leave it: A theory of strategic advice. Accepted for *80<sup>th</sup> Annual Meeting of the Academy of Management*, Vancouver, BC, August 7-11, 2020.
3. Davis, T., DiClemente, R., Prietula, M., Sawyer, S. & Smith S. Piloting an SMS-based HIV/STI preventive maintenance intervention (PMI) for adolescent women. Paper presented at *American Public Health Association Annual Meeting (APHA 2017)*, Atlanta GA, Nov 4-8, 2017.
4. Firat, R., Berns, G., Prietula, M., Franco, A., Kearns, E. & Lemieux, A.F. (2017, July). The neurobiology of economic inequality: A multi-level model. Poster at the *Annual meeting of the International Society of Political Psychology*. Edinburgh, Scotland, July, 2017.
5. Brunswicker, S. & Prietula, M. Transparency and Re-Use Patterns of Open Digital Crowd Contests: Linking Empirical and Computational Approaches. *International Conference on Computational Social Science*, Cologne, Germany, July 10-13, 2017.
6. Gary, S., Prietula, M. & Feltovich, P. Mental models as the Interface between the business environment and strategic decisions. *Proceedings of the 77<sup>th</sup> Annual Meeting of the Academy of Management*, Atlanta GA, August 4-8, 2017.
7. Brunswicker, S. & Prietula, M. Transparency and reuse in digital innovation contests: A simulation study. *77<sup>th</sup> Annual Meeting of the Academy of Management*, Atlanta GA, August 4-8, 2017.



8. Firat, R., Lemieux, A., Berns, G., Prietula, M. & Franco, A. The neurobiology of economic inequality: A multi-level model of the effects of cultural narratives on beliefs, choice and justification. Poster presentation at the *2017 Annual Scientific Meeting of the International Society of Political Psychology (ISPP)*, Edinburgh, Scotland, June 29-July 2, 2017.
9. Brunswicker, S. & Prietula, M. Re-use and patterns of digital innovation in open crowds: Linking empirical and computational approaches. *Organization Science Winter Conference 23*, Park City UT, February 2-7, 2017.
10. Brunswicker, S. & Prietula, M. Re-use and patterns of digital innovation in open crowds. Paper presentation at the *3<sup>rd</sup> Annual World Open Innovation Conference (WOIC 2016)*, ESADE, Barcelona, Spain, December 15-16.
11. Davis, T., DiClemente, R. & Prietula, M. Designing an SMS-based HIV/STI preventive maintenance intervention (PMI) for adolescent women. Paper presented at *American Public Health Association Annual Meeting (APHA 2016)*, Denver CO, Oct 29-Nov 2, 2016.
12. Nikolai, C., Wright, T., Johnson, T., and Prietula, M., & Madey, G. Ensayo: A Virtual Emergency Operations Center Simulator for Training and Research. Poster Presentation, *National Preparedness Summit*, Atlanta, GA, April 2015.
13. Levine, S. & Prietula, M. The Hazards of Interaction: When Isolation Benefits Performance. *Strategic Management Society Special Conference*, Tel Aviv, March 9-11, 2014. Versions also were presented at the *Science of Success Symposium* (2013, Harvard University), *Atlanta Competitive Advantage Conference* (2013), *Strategic Management Society Meeting*, Sydney Australia (2014), *Cambridge University – Darden Innovation and Entrepreneurship Conference* (2014), *MIT Collective Intelligence Conference* (2014), *Wharton People and Organizations Conference* (2014), *National Science Foundation, Facilitating the Creation and Transfer of Knowledge* (2014).
14. Prietula, S. & Levine, S. Augmenting the Riolo, Cohen, Axelrod Model with Behavioral Algorithms. *INFORMS Organization Science Winter Conference*, February 6-9, 2014.
15. Levine, S. & Prietula, M. The Hazards of Interaction: Why Isolation Can Benefit Performance. *INFORMS Organization Science Winter Conference*, Steamboat Springs, CO, 2013 and *Academy of Management Annual Meeting*, Orlando FL (2013).
16. Gary MS; Prietula M; Feltovich P. Reductive Bias in Managerial Mental Models and Implications for Strategic Reasoning. *Strategic Management Society Conference*, Atlanta GA (2013).
17. Levine, S. & Prietula, M. Open collaboration and strategy. *5<sup>th</sup> Israel Strategy Conference*, Tel Aviv University, Israel, December 19-21, 2012.
18. Levine, S. & Prietula, M. Where open collaboration can thrive. *American Sociological Association*, Denver CO, August 17-20, 2012. *Academy of Management Annual Meeting*, Boston MA, August 9-13, 2012. *Society for the Advancement of Socio-Economics*, Massachusetts Institute of Technology, Cambridge, MA, June 28-30, 2012. *Atlanta Competitive Advantage Conference*, Atlanta, GA, May 15-17, 2012.
19. Kathuria, A., Fontaine, A. & Prietula, M. Acquiring IT Competencies through Focused Technology Acquisitions. *International Conference on Information Systems 2011* Proceedings. December 6, 2011.
20. Levine, S. & Prietula, M. Where and when can open source thrive? Towards a theory of performance. *Academy of Management Annual Meeting*, San Antonio, TX, August 12-16, 2011.
21. Raman, R. & Prietula, M. Preferential attachment and organization science. *Academy of Management Annual Meeting*, Montreal, Canada, August 6-10, 2010.

22. Levine, S. & Prietula, M. Where and when can open source survive? *Academy of Management Annual Meeting*, Montreal, Canada, August 6-10, 2010 and *Eighth Annual International Open and User Innovation Workshop*, Massachusetts Institute of Technology, 2010.
23. Levine, S. & Prietula, M. Towards a theory of robust performance. Paper presented at the 6<sup>th</sup> *International Conference on Open Source Systems*. Notre Dame, IN, May 30 –Jun 2, 2010. Published in P. Ågerfalk, C. Boldyreff, J. González-Barahona, G. Madey, J. Noll, eds. *Open Source Software: New Horizons*. Boston, MA: Springer, 2010.
24. Nikolai, C., Madey, G., Becerra-Fernandez, I., and M. Prietula (2010). Ensayo: A Collaborative Cyberinformation Portal for Emergency Management Training and Research. *Cyberinfrastructure Days*, University of Notre Dame, IN, April 29-30.
25. Nikolai, C., Madey, G., Becerra-Fernandez, I., and M. Prietula (2010). Ensayo: A Distributed, Web-based Virtual Emergency Operations Center for Training and Research. *The 7th International Community on Information Systems for Crisis Response and Management (ISCRAM) Conference*, Seattle, WA, May 2-5.
26. Cynthia Nikolai, Gregory Madey, Irma Becerra-Fernandez, Michael Prietula (2010). "Virtual Emergency Operations Center for Training and Research", *7th International Conference on Information Systems for Crisis Response and Management (ISCRAM 2010)*, Seattle, May 2-5.
27. Nikolai, C., Madey, G., Becerra-Fernandez, I., and M. Prietula (2010). Ensayo: A Virtual Emergency Operations Center Simulator for Training and Research. Ph.D. *Colloquium and Poster Session, Winter Simulation Conference*, Baltimore, MD, Dec 5-8.
28. Madey, G., Becerra-Fernandez, I., Nikolai, C., and M. Prietula (2010). "A Training and Research Simulator for Emergency Management", *Institute for Operations Research and the Management Sciences (INFORMS)*, Austin, Texas.
29. Madey, G., Becerra-Fernandez, I. & Prietula, M. Ensayo: A Virtual Emergency Operations Center for Training and Research. *INFORMS Annual Meeting*, San Diego CA, Oct 11-14, 2009.
30. C. Nikolai, I. Becerra-Fernandez, M. Prietula, & G. Madey. Project Ensayo: Designing a Virtual Emergency Operations Center. *IEEE International Conference on Systems, Man, and Cybernetics*, San Antonio, Texas, Oct 11-14, 2009.
31. Kathuria, A., Fontaine & Prietula, M. Procuring more than knowledge through technology acquisitions. *2009 Academy of Management Annual Meeting*, Chicago, IL, August 7-11, 2009.
32. Levine, S.S. & Prietula, M. Open Innovation. *2009 Academy of Management Annual Meeting*, Chicago, IL, August 7-11, 2009.
33. Levine, S.S. & Prietula, M. The Behavioral Basis of Open Innovation: A Modeling Approach. *International Open and User Innovation Workshop 2009*, Hamburg Germany, June 3-5, 2009
34. Kathuria, A., Prietula, M. & Fontaine, A. Procuring more than Knowledge Through Technology Acquisitions. *Fifteenth Annual Organization Science Winter Conference*, February 2009.
35. Gregory R. Madey, Irma Becerra-Fernandez, Cynthia Nikolai, Michael Prietula (2009). Ensayo: A Virtual Emergency Operations Center for Training and Research, *OR/MS with Societal/ Humanitarian Impact, Applications in Evacuation and Emergency Management, INFORMS Annual Meeting*, San Diego.
36. Prietula, M., Kathuria, A., Fontaine, A., Prietula, M. & Vitzthum, A. Inter-Organizational Learning in Technology Acquisitions: Procuring More Than Knowledge, *Proceedings of the International Conference on Information Systems 2008* (Poster), December 2008.
37. Prietula, M. Multi-scale Modeling of Decisions in TAG Structures. Presentation at the Workshop, *A Roadmap to Define the Neurobiological Mechanisms of Political Conflict*, Claus

- M. Halle Institute for Global Learning & Air Force Office of Scientific Research, Washington DC, December 2008.
38. Prietula, M. & Conway, D. The Evolution of Metanorms: Quis Custodiet Ipsos Custodes? *2008 Academy of Management Annual Meeting*, Anaheim, California, August 8-13, 2008.
  39. Levine, S. & Prietula, M. Towards a Theory of Collective Open Source Innovation. *2008 Academy of Management Annual Meeting*, Anaheim, California, August 8-13, 2008.
  40. Raman, R., & Prietula, M. Preferential Attachment and Organization Science: Toward a Dynamic Theory of Social Network Emergence, *Sunbelt XXVIII: International Sunbelt Social Network Conference*, St. Pete Beach, FL, Jan 22-27, 2008.
  41. Bercerra-Fernandez, I., & Prietula, M. Structured Emergence & Learning: EOCs, Extreme Events & Community Continuity. *Fourteenth Annual Organization Science Winter Conference: On the Organization Science of Extreme Events*, Squaw Creek, CA, Feb 6-10, 2008.
  42. Bercerra-Fernandez, I., Madey, G., Rodriguez, D., Gudi, A., Prietula, M., Rocha, J., & Wright, T. *Design and Development of a Virtual Emergency Operations Center for Disaster Management Research, Training and Discovery*. Hawaii International Conference on Systems Sciences, 2008.
  43. Levine, S. & Prietula, M. A Common Open-Source Innovation Model. Presentation at the *Intra-Organizational Networks Conference*, Emory University, 2008.
  44. Bray, D. & Prietula, M. Extending March's Exploration and Exploitation: Knowledge Management Strategies Given Environmental Turbulence. Paper presented at *the International Conference on Information Systems*, Montreal Canada, Dec 9-12, 2007.
  45. Buehler, J., Isakov, A., Prietula, M., Smith, D., Whitney, E. Preliminary Findings from the BioSense Evaluation Project. Presentation to the *Sixth Annual International Society for Disease Surveillance Conference*, Indianapolis, Indiana, October 11-12, 2007.
  46. Becerra-Fernandez, I. Prietula, M., Madey, G., Rodriguez, D., Project Ensayo: a Virtual Emergency Operations Center for Disaster Management Research, Training, and Discovery. Presentation and *Proceedings of the First International Conference on Global Defense and Business Continuity* (ICGDBC 2007), July 2007, San Jose, CA. [best paper award]
  47. Becerra-Fernandez, I. Prietula, M., Madey, G., Rodriguez, D., Gudi, A., and Rocha, J., "Project Ensayo: A Virtual Emergency Operations Center ", *Sixteenth International Conference on Management of Technology (IAMOT'07)*, May 2007, Miami Beach, Florida.
  48. Raman, R. & Prietula, M. Preferential Attachment and Organizational Science. Presentation at the *North American Association for Computational and Organization Sciences – NAACSOS 2007*, Atlanta GA, Jun 7-9, 2007.
  49. Levine, S. & Prietula, M. Towards a Contingency Theory of Knowledge Exchange. *Proceedings of the Academy of Management*, Atlanta GA, 2006. [Best paper award]
  50. Raman, R. & Prietula, M. Preferential Attachment and Organizational Science. *Organizational Science Winter Conference*, Steamboat Springs, CO, February 2007.
  51. Kane, G. & Prietula, M. Influence and Structure: Extending a Model of Organizational Learning. *Twelfth Annual Organizational Science Winter Conference*, Steamboat Springs, CO, February 2006.
  52. Prietula, M. Complex adaptive systems, heterogeneous agents, aggregation & agent-based models. Presentation to *Leadership and Complexity Conference*, George Washington University, November 6-8.
  53. Prietula, M. Agent-based Modeling Issues and Networks. Presentation at the *Intra-Organizational Networks Conference*, Emory University, October 14-15, 2005.

54. Weingart, L. & Prietula, M. An Exploration-Exploitation Model of Negotiation. Paper presented at the *Academy of Management*, Honolulu, Hawaii, August 5-10, 2005
55. Prietula, M. & Augier, M. Adventures in software archeology: Seeking (ABTOF) theory in the code. *Proceedings of the Academy of Management*, Honolulu, Hawaii, August 5-10, 2005.
56. Levine, S. & Prietula, M. Beyond Markets and Communities: A comparative approach to knowledge exchange in organizations. Paper presented at the *Agent 2005 Conference*, University of Chicago, Oct 13-15, 2005.
57. Prietula, M. & Levine, S. Paper presented at the *Annual Conference of the North American Association for Computational Social and Organizational Science (NAACSOS)*, June 26-28, 2005, Notre Dame, Indiana, USA
58. Levine, S. & Prietula, M. A Theoretically Grounded, Computational Model of Knowledge Exchange. *Organizational Science Winter Conference*, Steamboat Springs, CO, February 2005.
59. Chen, Y.Y. & Prietula, M. To Deceive or Not to Deceive? Mimicry, Deception, and Regimes in Tag-based Models, *The Agent 2004 Conference on Social Dynamics: Interaction, Reflexivity and Emergence*, University of Chicago, October 2004.
60. Prietula, M. & Augier, M. Adventures in software archeology: Unraveling the ABTOF code. *Organizational Science Winter Conference*, Steamboat Springs, CO, February 2004.
61. Prietula, M., Conway, D. & Chen, Y.Y. Docking Norms, Groups & Tags. North American Association for Computational Social and Organizational Science, Pittsburgh PA, June 2004.
62. Augier, M. & Prietula, M. A Behavioral Theory of the Firm: Perspectives and Influence. *Paper presented at the 2003 North American Association for Computational Social and Organizational Science Conference*, Pittsburgh PA, June 2003.
63. Chen, Y. & Prietula, M. Kind not Kin: Tags, Tolerance, and the Tides of Us. *Paper presented at the 2003 North American Association for Computational Social and Organizational Science Conference*, Pittsburgh PA, June 2003.
64. Kane, J. & Prietula, M. Influence and Structure: Extending a model of organizational learning. *Paper presented at the 2003 North American Association for Computational Social and Organizational Science Conference*, Pittsburgh PA, June 2003
65. Conway, D. & Prietula, M. The Evolution of Metanorms: Reproduction, Extensions, and Insights, *Paper presented at the Computational and Mathematical Organization Theory Conference*, Carnegie Mellon University, Pittsburgh PA, June 21 – 23, 2002.
66. Prietula, M. & Carley, K. TrustMe: A Social Simulation of Trust, Advice, and Gossip (with Emotion), *Paper presented at the Computational and Mathematical Organization Theory Conference*, Carnegie Mellon University, Pittsburgh PA, June 21 – 23, 2002.
67. Zhu, D. & Prietula, M. Intelligent Architectures for Knowledge Sharing: A Soar Example and General Issues. *Proceedings of the Florida AI Research Symposium*, Beachside Resort and Conference Center, Pensacola Beach, Florida, May 14-16, 2002.
68. Prietula, M. & Carley, K. TAG models with emotion. *Proceedings of the Florida AI Research Symposium,, Beachside Resort and Conference Center, Pensacola Beach, Florida, May 14-16, 2002.*
69. Prietula, M. & Carley, K. Boundedly rational and emotional agents: simulating DAISY and DAIDO trust models. *Proceedings of the AAAI Fall Symposium, Socially Intelligent Agents - The Human in the Loop*, Sea Crest Resort, North Falmouth MA, November, 2000.
70. Hargadon, A. & Prietula, M. Lure of the Incompetency Trap: Experimentation and Innovation in Organizational Life. *Proceedings of the Workshop on Computational and Mathematical Organization Theory*, Carnegie Mellon University, Pittsburgh PA, July 2000.

71. Prietula, M. & Carley, K. Trust, Gossip, and Collaboration in Agents. *Proceedings of the Workshop on Computational and Mathematical Organization Theory*, Carnegie Mellon University, Pittsburgh PA, July 2000.
72. Prietula, M. & Carley, K. Simulating emotion and trust in groups of artificial agents. *Workshop on Computational and Mathematical Organization Theory*, Cincinnati, OH, May 1999.
73. Weingart, L. & Prietula, M. Paths to Reaching Agreement: In Search of Joint Solutions in Integrative Negotiation. *Interdisciplinary Seminar on Negotiation*, Harvard University, November 20, 1999.
74. Prietula, M. & Carley, K. A Computational Model of Emotion, Trust, and Deception. *Proceedings of the 1998 AAAI Fall Symposium Series, Emotional and Intelligent: The Tangled Knot of Cognition*, Orlando FL, Oct 23-25, 1998.
75. Weingart, L. & Prietula, M. Tracing the progression of offers: Meeting achievement and agreement goals in negotiation. *Eleventh Conference of the International Association of Conflict Management*, June 7 - 10, 1998, College Park, MD.
76. Prietula, M. & Carley, K. Agent Trust, Rumor and Team Performance. *INFORMS Workshop on Computational and Mathematical Organization Theory*, April 25-26, 1998, Montreal Canada.
77. Prietula, M. & Carley, K. Agents, Trust, and Organizational Behavior. *Papers from the 1997 AAAI Fall Symposium, Socially Intelligent Agents*, MIT, November 8-10, 1997. Available as Technical Report FS-97-02, AAAI Press.
78. Prietula, M. Learning, lags, and the behavior of a behavioral theory. Paper presented at the *CONACYT/NSF Workshop on Computational Organization Theory*, Instituto Tecnológico y de Estudios Superiores de Monterrey, Monterrey MX, October 1996.
79. Weingart, L., Prietula, M. & Hyder, E. Tactical knowledge and the process of negotiation. Paper presented at the *Academy of Management Meetings*, Vancouver BC, August, 1995.
80. Prietula, M., Mukhopadhyay, T. & Vicinanza, S. Productivity Adjustment Matrices: The Effects of Knowledge Variance on Software Estimation. Paper presented at the *1995 Florida Artificial Intelligence Research Symposium (FLAIRS-95)*, Melbourne Beach, FL, 1995.
81. Prietula, M. cEstor: A Case-based Reasoning Model of Expertise in Software Effort Estimation. *Seventh Florida Artificial Intelligence Research Symposium*, Pensacola Beach, FL, 1994.
82. Carley, K., Park, D. & Prietula, M. Agent Honesty, Cooperation and Benevolence in an Artificial Organization. *Proceedings of the AI and Theories of Groups and Organizations: Conceptual and Empirical Research*, American Association of Artificial Intelligence Workshop — AAAI93, Washington DC, 1993.
83. Carley, K., Prietula, M. & Lin, Z. Toward a Cognitively Motivated Theory of Organizations, Paper presented at the *National Science Foundation Workshop on Coordination Theory and Collaboration Technology*, Washington DC, 1992.
84. Hyder, E., Weingart, L. & Prietula, M. The Impact of Tactical Descriptions and Task Content on Negotiation Behavior and Outcome. Paper presented at the *Fifth Conference of the International Association for Conflict Management*, Minneapolis MN, 1992.
85. Zhu, D., Prietula, M. & Hsu, W-L. Constraint Satisfaction, Learning, and Production Scheduling. *Proceedings of the International Conference on Intelligent Information Processing and Systems — ICIIP '92*, Beijing, China, 1992.
86. Prietula, M., Mukhopadhyay, T. & Vicinanza, S. Extraction and Representation of Software Effort Estimation Expertise in a Case-based Reasoner. *Proceedings of the Fifth International Symposium on Artificial Intelligence*, Cancun, Mexico, 1992.

87. Prietula, M., Hsu, W-L. & Ow, P.S. A Coincident Problem Space Perspective on Scheduling Support. *Proceedings of the Fourth International Symposium on Artificial Intelligence*, Cancun, Mexico, 1991.
88. Prietula, M. & Weingart, L. Cognition in Naive Negotiation: A Knowledge-based Approach. Workshop on Methods in Cognitive Research, Paper presented at the *1991 Academy of Management Conference*, Miami FL, 1991.
89. Hyder, E., Weingart, L. & Prietula, M. The Impact of Tactical Knowledge and Motivational Orientation on Negotiation Behavior and Outcome. Paper presented at the *1991 Academy of Management Conference*, Miami FL, 1991.
90. Hassebrock, F. & Prietula, M. Remembering Patients: Autobiographical Memory and Medical Problem Solving. Paper presented at the *25th Anniversary Reunion Conference of the Center for Research in Human Learning, Perception and Cognition*, University of Minnesota, Minneapolis MN, 1991.
91. Weingart, L. & Prietula, M. The Impact of Motivational Orientation and Agreement Goal Salience on Negotiator Behavior and Performance. Paper presented at the *Fourth Annual Conference of the International Association of Conflict Management*, Ernst Sillem Hoeve, Den Dolder, The Netherlands, June 17-20, 1991.
92. Prietula, M. Avoiding runaway projects: Three views on improving software estimation. Paper presented at the *Twelfth Annual International Conference on Information Systems*, New York, December 16-18, 1991.
93. Prietula, M. The Psychology of Pscheduling. Presentation to the *Fourth Annual Conference, Applied Scheduling: Integration of Disciplines*, Columbia University, NY, Oct 24-25, 1991.
94. Huguenard, B.R., Prietula, M.J., & Lerch, F.J. (1990). Fragility in expertise: A study in reactive scheduling. *SIGCHI Bulletin*, 21(3), January, 36-40.
95. Vicinanza, S., Prietula, M. & Mukhopadhyay, T. Case-based Reasoning in Software Effort Estimation: A Theory, A Model, and A Test. *Proceedings of the Eleventh Annual International Conference on Information Systems*, Copenhagen, Denmark, 1990.
96. Prietula, M., Beauclair, R. & Lerch, F.J. A Computational Model of Group Problem Solving. *Proceedings of the 23rd Annual Hawaii International Conference on Systems Sciences*, IEEE Computer Society Press, 1990.
97. Hassebrock, F. & Prietula, M. Autobiographical Memory in Medical Problem Solving. Presentation to the *1990 American Educational Research Association*, Boston MA, April 16-20, 1990.
98. Huguenard, B., Prietula, M. & Lerch, F.J. Performance  $\neq$  Behavior: A Study in the Fragility of Expertise. *Proceedings of the 10th International Conference on Information Systems*, Boston MA, 1989.
99. Kumar, A.D., Kumar, A.R., Kekre, S., Prietula, M. & Ow, P.S. Multi-agent Systems and Organizational Structure: The Support of Hospital Patient Scheduling. *Proceedings of the 3rd International Conference on Expert Systems and the Leading Edge in Production and Operations Management*, Hilton Head Island SC, 1989.
100. Hsu, W-L, Prietula, M. & Steier, D. Merl-Soar: Scheduling Within a General Architecture for Intelligence. *Proceedings of the 3rd International Conference on Expert Systems and the Leading Edge in Production and Operations Management*, Hilton Head Island SC, 1989.
101. Prietula, M., Feltovich, P. & Marchak, F. A Heuristic Framework for Assessing Factors Influencing Knowledge Acquisition. *Proceedings of the 22nd Annual Hawaii International Conference on Systems Sciences*, IEEE Computer Society Press, 1989.

102. Lerch, F. J. & Prietula, M. A Cognitive View of Organizational Coordination and Decision Support. Presentation to the *NSF Information Systems and Decision Processes Workshop*, University of Arizona, October 5-7, 1989.
103. Prietula, M., Hsu, W-L, Steier, D. & Newell, A. Sharing Scheduling Knowledge Between Distributed Intelligent Architectures. Paper presented at the *Workshop on AI and Manufacturing, 11th International Joint Conference on Artificial Intelligence*, Detroit MI, 1989.
104. Prietula, M. Expertise and Expert Systems. Presentation to the *Hawaii Information Network & Technology Symposium HIIPC-89*, Honolulu, Hawaii, January 16-20, 1989.
105. Prietula, M. & Lerch, F. J. The Fragility of Expertise. Presentation to the *Working Conference on Managerial Thought and Cognition*, Washington DC, August 10-12, 1989.
106. Prietula, M. The Psychology of Pscheduling. Presentation to the *Strategies for Production Control Workshop*, Center for Integrated Manufacturing Decision Systems, Robotics Institute, Carnegie Mellon University, July 25-26, 1989.
107. Prietula, M., Ow, P.S., Huguenard, B. & Vicinanza, S. A Critiquing Model of Flexible Constraint Evaluation for a Scheduler's Workbench. *Proceedings of the First International Conference on Industrial Engineering Applications of AI and Expert Systems*, University of Tennessee Space Institute, 1988.
108. Vicinanza, S. & Prietula, M. A computational model of musical creativity, *AI and Music Workshop, Eleventh International Joint Conference on Artificial Intelligence*, Detroit MI, August 20-25, 1989.
109. Prietula, M., Lawrence, S. & Greene, D. Task-Centered Research: Understanding, Augmenting and Discovering Managerial Expertise. *Proceedings of the 21st Annual Hawaii International Conference on Systems Sciences*, IEEE Computer Society Press, 1988. [Best paper of track award]
110. Prietula, M., Hsu, W-L & Steier, D. Merl-Soar: Scheduling by Learning. Paper presented to the *Artificial Intelligence and Simulation Workshop, 7th National Conference on Artificial Intelligence*, St. Paul MN, August 22, 1988.
111. Prietula, M. & Dickson, G. Flexible Interfaces and the Support of Physical Database Design Reasoning. In L. Kerschberg (Ed.), *Expert Database Systems*, Prentice-Hall, 1987.
112. Beck, R., Prietula, M. & Russo, E. Intelligent Systems in Teaching Medical Pathophysiology: The Software Laboratory Project. *Proceedings of Medinfo 86 -- 5th World Congress on Medical Informatics*, Washington DC, October, 1986.
113. Prietula, M., Beck, R., Russo, E. and Brown, A. An Expert Peer Approach to Teaching Connective Tissue Disease Diagnosis. Paper presented to the *Society for Medical Decision-Making: 8th Annual Meeting*, Northwestern University, Chicago IL, Oct 20-22, 1986.
114. Prietula, M. and Feltovich, P. Human Reasoning & Expert Systems: Implications for Software Designers. Presentation to the *Artificial Intelligence in Engineering Conference*, George Washington University, Washington DC, October 21-23, 1986.
115. Prietula, M. Expert and Novice Differences in Physical Systems Reasoning, Paper presented to the *Symposium on Computer-based Instruction Research*, Control Data Corporation, Minneapolis MN, Dec 1986.
116. Prietula, M. & Marchak, F. Expert Variance: Differences in Engineering Problem Solving. *Proceedings of the Seventh Annual Conference of the Cognitive Science Society*, University of California, Irvine CA, 1985.
117. Prietula, M. Intelligent Systems in Teaching Medical Pathophysiology. Presentation to the *Annual International Artificial Intelligence in Medicine Conference*, National Library of Medicine, Washington D.C., July 10-12, 1985.

118. March, S., Ridjanovic, J. & Prietula, M. The Effects of Normalization on the Quality of Relational Database Designs, or, Being Normal is Not Enough. *Proceedings of the IEEE Trends and Applications Conference: Making Databases Work*, IEEE Computer Society Press, 1984.
119. March, S., Mendu, S., Prietula, M., Ridjanovic, D., Carlis, J., Beyer, D. & Ryan, K. Current Research in Database Design at the University of Minnesota. *Database Engineering Bulletin*, 7(4), 1984.
120. P. Johnson, G. Blitz, S. Greenfield, M. Prietula, D. G. Severance. "Transfer of Physician Expertise in Computer Based Support Systems," *Proceedings, Annual Meeting of the Society for Computer Medicine*, Chicago IL, 1978.

#### Workshops, Conference Panels, Conferences, and Paper Tracks Organized

1. Professional Development Workshop Organizer. *Computational modeling in management research. 2013 Academy of Management Annual Meeting*, Chicago IL, 2013.
2. Professional Development & Caucus co-organizer (with Bill McKelvey, UCLA). *Computer Modeling in Organizational Research: Questions of Computational Science. 2008 Academy of Management Annual Meeting*, Anaheim, California, August 8-13, 2008.
3. Session Organizer, Special Academic Session on Virtual Systems for Emergency Management, Simulation & Training. *5th International Conference on Information Systems for Crisis Response and Management*, Washington, DC, May 4-7, 2008
4. Co-Chair, NAACSOS National Conference 2007 *North American Association for Computational Social and Organizational Science*, Emory University.
5. Program Committee, *First World Congress on Social Simulation*, 2006, Tokyo, Japan.
6. Co-Chair, *NAACSOS Conference 2005*, North American Association for Computational Social and Organizational Science, Notre Dame IN [Program Committee, 2006]
7. *Annual International Workshops on Computational and Mathematical Organization Theory*, with K. Carley. Annual workshop held with INFORMS (ORSA/TIMS) Spring Conference. 1992 - 1999. Carnegie Mellon University, 2000 – 2002.
8. Program Committee, *Workshop on Norms and Institutions at Agents 2000*, Barcelona Spain, 2000.
9. Co-Chair of *Florida Artificial Intelligence Symposium, FLAIRS-96*, Key West, FL, 1996.
10. *AI and Theories of Groups and Organizations: Conceptual and Empirical Research*, American Association of Artificial Intelligence Workshop — AAAI93, Washington DC, 1993.
11. *AI and Theories of Groups & Organizations: Conceptual and Empirical Research. American Association of Artificial Intelligence Workshop*, Washington DC, 1993.
12. *Approaches to the study of negotiation: A cognitive sampler*, with L. Weingart. Paper session on Negotiator Cognition, Academy of Management Meeting, Miami FL, 1991.
13. *Session Co-Chair, Artificial Intelligence and Organization Theory*, with R. Beauclair. 24th Annual Hawaii International Conference on Systems Sciences, Koloa HI, 1991.
14. *Session Co-Chair, Artificial Intelligence and Organization Theory*, with R. Beauclair. 23rd Annual Hawaii International Conference on Systems Sciences, Kailua-Kona HI, 1990.
15. *Session Co-Chair, Artificial Intelligence and Organization Theory*, with K. Crowston. 10th International Conference on Information Systems, Boston MA, 1989.



Federal Funded Support: Research

**NIH 1P30DK111024-01** \$461,638 07/01/16 – 06/30/21

National Institutes of Health

Emory University Venkat Narayan (PI)

Emory University Prietula 1.5% Academic

*Georgia Diabetes Translation Research Center*

Goal: Center will serve as a platform to increase investigator capacity, share expertise, and generate and disseminate knowledge to influence practice and policy to improve diabetes outcomes

Role: Co-Investigator

**NSF 1405912** \$165,936 9/1/2014 - 8/31/2017

University of Notre Dame (Primary) Madey (PI)

Emory University (subcontract) Prietula 12% Academic

National Science Foundation, Information and Intelligent Systems

*Ensayo II: An Enhanced Virtual EOC for Research and Training in Disaster Management*

Goal: Funded as a demonstration prototype project for modeling emergency operations centers.

Role: Co-Investigator

**DARPA D11AP00289** \$295,124 4/1/11 – 12/31/13

Emory University G. Berns (PI)

Emory University M. Prietula 8.35% Academic

*Neurobiological Effect of Stories on Sacred Beliefs*

Goal: We sought to determine whether reading a novel causes measurable change in resting-state connectivity of the brain and how long these changes persist. Long-term changes in connectivity, which persisted for several days after the reading, were observed in the bilateral somatosensory cortex, suggesting a potential mechanism for “embodied semantics.”

Role: Co-Investigator

**ONR N000140910912**

ONR/AFOSR \$779,706 9/1/10 – 9/30/13

Emory University G. Berns (PI)

Emory University M. Prietula 5% Academic

*Sacred Values and the Neurobiological Antecedents to Political Conflict*

Goal: Using functional magnetic resonance imaging (fMRI), we found that values that people refused to sell (sacred values) were associated with increased activity in the left temporoparietal junction and ventrolateral prefrontal cortex, regions previously associated with semantic rule retrieval. This suggests that sacred values affect behavior through the retrieval and processing of deontic rules and not through a utilitarian evaluation of costs and benefits and informs how even more mundane choices in life may be guided by their neurobiological representation.

Role: Co-Investigator

**NSF 0855193**                      \$100,209              9/1/09 – 2/28/13  
Emory University                      M. Prietula (PI) 11% Academic  
Collaborative with the University of Notre Dame & Florida International University  
National Science Foundation, Computer & Network Systems

*Collaborative Research: Ensayo - A Virtual Emergency Operations Center (vEOC)*

Goal: This project examined the structure and processes of a leading emergency operations center (EOC) to understand and model the decision-making and information flow processes in the form of a computer-based interactive simulation.

Role: PI

**CDC PERCC**                      \$1,500,000              2008 -2011  
Emory University                      R. Berkelman (PI)

Grant within which 4 projects were funded. Dr. Prietula (2 months summer funding) was Co-PI on one of the projects: *Assessing the Utility of Incident Command Systems and Emergency Operations Centers in Public Health Crises* (with J. Buehler, M. Conde).

Other prior funding:

- Funding to work with Rollins School of Public Health and the Entertainment Technology Center at Carnegie Mellon to develop health games for the *1 Laptop per Child Project* for Africa.
- *Enabling Globally-Distributed Electronic Collaboration (GloDEC) for Expertise Studies and Human and Social Dynamics Research Planning Grant*. National Science Foundation, Computer & Network Systems. (\$49,979)
- *Integrating Models of Trust, Gossip, and Emotion for Artificial Agents*. National Science Foundation, Information & Intelligent Systems (\$230,866)
- *Case-based Reasoning in Software Effort Estimation*. Applying a case-based reasoning AI software model to software effort estimation across different application environments and studying how human expert estimators behave. National Science Foundation, Computer and Computation Research, Software Engineering Program. Also supported with Carnegie Mellon University Faculty Development Grant.
- *NAACSOS Annual Meeting Support Grant*, Emory University. Co-chair with V. Hertzberg (Emory Rollins) and Richard Burton (Duke Fuqua).
- *Case-based Parameter Differences in an Auditing Risk Situation*. Partners in Research Program Grant, Deloitte & Touche LLP. Co-development and presentation of a course on IT auditing and risk.
- *Computational Organization Theory and Complexity*. Funds for a 1-week AI workshop at the Santa Fe Institute for collaborative interaction with SFI and organizational modeling experts.
- *Computational Organization Theory and Complexity*. Funds to purchase a Sun workstation to run SWARM AI software from the Santa Fe Institute, New Mexico. The University of Florida Foundation.
- *A Mixed-initiative Scheduling Workbench*. Linking AI and OR techniques to solve complex, production scheduling problems. Co-Principal Investigator of External Industrial Grant through Carnegie Mellon University, Center for the Management of Technology. [\$600,000]

- *Plural-Soar: A study of Agent Capability and Coordination.* Creating a group of general AI agents of general artificial intelligence to study group communication, cooperation, and learning processes via simulation with Allen Newell's SOAR group in Computer Science. GSIA Faculty Research Grant.
- *Intelligent computer assisted instruction.* Additional grants obtained from *Control Data Corporation* software development grant for visiting and working on AI computer assisted instruction with the Center for Advanced Engineering Study at MIT.
- *Carnegie Mellon University* internal seed AI software development grants.
- Software AI grants from NeuralWare Corporation used to teach AI Deep Learning trader modeling.
- *Inference Corporation* (AI scheduling), grant for co-chairing the annual *Florida AI research Symposium* (FLAIRS).