

Dr. Timothy Wilking Finin

Computer Science and Electrical Engineering
University of Maryland Baltimore County
Baltimore MD 21250 USA

voice: +1-410-455-3522 fax: +1-410-455-3969
http://umbc.edu/~finin skype:timFinin
mailto:finin@umbc.edu, google:tfinin@gmail.com

Professional Preparation

- S.B. in Electrical Engineering, Massachusetts Institute of Technology, 1971. thesis: Three Problems in Analyzing Scenes, advisor: Patrick H. Winston
- M.S. in Computer Science, University of Illinois, Urbana-Champaign, 1977. thesis: An Interpreter and Compiler for Augmented Transition Networks, advisor: David L. Waltz
- Ph.D. in Computer Science, University of Illinois, Urbana-Champaign, 1980. dissertation: The Semantic Interpretation of Compound Nominals, advisor: David L. Waltz

Appointments

- 17- Willard and Lillian Hackerman Chair in Engineering, UMBC
- 91-: Professor of Computer Science and Electrical Engineering, UMBC
- 07-: Research Scientist, Human Language Technology Center of Excellence, Johns Hopkins Univ.
- 91-95: Professor and Chair, Department of Computer Science, UMBC
- 87-91: Technical Director, Knowledge Based Information Processing, Unisys, Paoli PA
- 87-91: Adj. Assoc. Professor, Computer & Information Science, U. of Pennsylvania, Philadelphia PA
- 80-87: Assistant Professor, Computer and Information Science, U. of Pennsylvania, Philadelphia PA
- 74-80: Research Assistant, Research Associate, Coordinated Science Lab, U. of Illinois, Urbana IL
- 71-74: Research Staff, Artificial Intelligence Laboratory, M.I.T., Cambridge MA

Recent relevant publications (profiles on [Google Scholar](#) and [DBLP](#))

- Ramin Ayanzadeh, Milton Halem, and Tim Finin, Reinforcement Quantum Annealing: A Hybrid Quantum Learning Automata, Nature Scientific Reports, v10, n1, May 2020.
- Jennifer Sleeman, Tim Finin, and Milton Halem, Temporal Understanding of Cybersecurity Threats, IEEE International Conference on Big Data Security on Cloud, May 2020.
- Chan Hee Song, Dawn Lawrie, Tim Finin and James Mayfield, Gazetteer Generation for Neural Named Entity Recognition, Proc. 33rd International FLAIRS Conference, AAAI Press, May 2020.
- Taneeya Satyapanich, Tim Finin and Francis Ferraro, CASIE: Extracting Cybersecurity Event Information from Text, 34th AAAI Conf. on Artificial Intelligence, Feb. 2020.
- Ankur Padia, Konstantinos Kalpakis, Francis Ferraro and Tim Finin, Knowledge Graph Fact Prediction via Knowledge-Enriched Tensor Factorization, Journal of Web Semantics, 2019.
- D. Norris, L. Mateczun, A. Joshi, T. Finin, Managing Cybersecurity at the Grassroots: Evidence from the First Nationwide Survey of Local Government Cybersecurity, Journal of Urban Affairs, 2020.

Synergistic Activities

- I have mentored 30 Ph.D. students at UMBC or the University of Pennsylvania.
- I have received more than 90 research awards, contracts, and gifts to support research from government agencies and companies, including support from NSF, DARPA, NSA, NASA, NIST, ONR and AFOSR.
- I was an editor-in-chief of the Elsevier Journal of Web Semantics (2006-2016) and am co-editor of Viewpoints opinion column in the Communications of the ACM (2013-present).
- I am an ACM Fellow (2018), a AAAI Fellow (2013), UMBC Presidential Research Professor (2012-2015), FIPA Fellow (1997) and IEEE Technical Achievement Award recipient (2009). I am a former AAAI councilor and former member of the board of directors of the Computing Research Association.
- I have been general or program chair of major conferences held by ACM, AAAI, IEEE and others.