**Robin Clark**

Environmental Sciences Division, Bioresource Science and Engineering Group

Oak Ridge National Laboratory

office: (865) 341-0082, cell: (423) 539-3796, clarkrj@ornl.gov

**Education**

#### Ph. D., Industrial Engineering, University of Tennessee, Expected 2025

#### M.S., Management Science, University of Tennessee, 2000

#### B.S., Physics, Tennessee Tech University, 1996

**Professional Experience**

ORNL, Associate Technical Staff, Environmental Sciences Division, 2019 – present

Quantitative Modeling & Training Group, Founder, 2008 – 2019

Innovative Decisions Inc, Senior Analysist, 2015 – 2019

General Dynamics IT, Senior Analysist, 2015 - 2018

Simulation Dynamics Inc, Analysist, 2002, 2008

Resource Optimization Inc, Analysist, 2000 – 2002

Matsushita Refrigeration Company of America, Industrial Engineer, 1997 - 1998

**Honors and Awards**

* East Tennessee Chapter of APICS, President, 2012-2016
* East Tennessee Chapter of APICS, Vice President, 2010-2012

**RECENT PUBLICATIONS**

Sharma, B., Clark, R., Hilliard, M., & Webb, E. (2018 September). Simulation Modeling for Reliable Biomass Supply Chain Design Under Operational Disruptions. Frontiers in Energy Research, Volume 6, Article 100.

Holt, J., & Clark, R. (2018, April). Finding the Sweet Spot in Resource Workload. ISE Magazine, Institute of Industrial and Systems Engineers, 32-36.

Norouzzadeh, S., Garber, J., Longacre, M., Akbar, S., Riebling, N., & Clark, R. (n.d.). A modular simulation study to improve patient flow to inpatient units in the emergency department. Journal of Hospital Administration,3(6).

Brust, C., & Clark, R. (2014). System Simulation as Decision Data in Heathcare IT. Proceedings of the 2014 Winter Simulation Conference. In A. Tolk, S. D. Diallo, I. O. Ryzhov, L. Yilmaz, S. Buckley, and J. A. Miller, Piscataway, NJ: Institute of Electrical and Electronics Engineers.

Clark, R., & Krahl, D. (2011). Roadmap To Success: Your First Simulation Model. Proceedings of the 2011 Winter Simulation Conference. In S. Jain, R.R. Creasey, J. Himmelspach, K.P. White, and M. Fu (pp. 1470 – 1480). Piscataway, NJ: Institute of Electrical and Electronics Engineers.

Parsons, D., Clark, R., & Payette, K. (2004). Impact of Production Run Length on Supply Chain Performance. Proceedings of the 2004 Winter Simulation Conference. In R .G. Ingalls, M. D. Rossetti, J. S. Smith, and B. A. Peters (pp. 1153 – 1157). Piscataway, NJ: Institute of Electrical and Electronics Engineers.

Siprelle, A., Parsons, D., & Clark, R. (2003). Benefits of Using a Supply Chain Simulation Tool to Study Inventory Allocation. Proceedings of the 2003 Winter Simulation Conference. In S. Chick, P. J. Sánchez, D. Ferrin, and D. J. Morrice. (pp. 238-245). Piscataway, NJ: Institute of Electrical and Electronics Engineers.