

COL Barry R. Cobb, Ph.D
Professor

Contact Information

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Education

Ph.D. Business, University of Kansas, 2005
M.B.A. Business Administration, University of Northern Iowa, 1995
B.S. Finance, Friends University, 1993



Research Interests

Supply Chain Management, Operations Research, Financial Modeling

Courses Taught

BU 339 – Operations Management
EC 430 – Financial Modeling
EC 451 – Economics and Business Analytics

Recent Publications

Cobb, B.R., T. Murray, J.S. Smith. 2022. Adjustable consumption model for retirees to balance spending and risk. *Journal of Economics and Finance*. 46(2) 420–451.

Cobb, B.R., L. Li 2021. Forward cycle time distributions for returnable transport items. *Journal of Remanufacturing*, 12(1) 125–151.

Cobb, B.R. 2021. Statistical process control for the number of defectives with limited memory. *Decision Analysis*, 18(3) 203–217.

Cobb, B.R., J.S. Smith. 2020. Selecting a Social Security age to balance consumption and risk. *Financial Services Review*. 28(3) 30–50.

Cobb, B.R. 2016. Estimating cycle time and return rate distributions for returnable transport items. *International Journal of Production Research*. 54(14) 4356–4367.

Cobb, B.R. 2016. Inventory control for returnable transport items in a closed-loop supply chain. *Transportation Research Part E: Logistics and Transportation Review*. 86 53–68.

Works in Progress

“Intermittent Sampling for Statistical Process Control with the Number of Defectives.”

“On the Equity-Efficiency Trade-off in Food-Bank Network Operations,” with M. Firouz, L. Li, and F. Shao.