

BOWLING GREEN STATE UNIVERSITY
COLLEGE OF BUSINESS

FACULTY RESEARCH AND EXPERTISE

FACULTY MEMBER

Arthur Yeh

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BIO: Dr. Arthur Yeh is a Professor of Statistics and Associate Dean of the College. Over the years, Dr. Yeh has conducted and published research in several areas of industrial statistics, including, among others, optimal experimental designs, computer experiments, univariate and multivariate control charts, multivariate process capability indices, univariate and multivariate run-by-run process control and statistical profile monitoring. He has served as an Associate Editor for The Statistical Papers and The American Statistician in the past. He has also served in the past as the President of the Northwest Ohio Chapter of the American Statistical Association, and the Chair of the Toledo Section of the American Society for Quality.

AREAS OF EXPERTISE

- Applied Statistics
- Industrial Statistics
- Business Analytics

RESEARCH INTERESTS

- Statistical process control and process monitoring
- Engineering quality and process control
- Manufacturing process modeling and analysis
- Multivariate data modeling and analysis
- Time-series modeling and analysis

CONSULTING PROJECTS

- Analysis of existing quality control program
- Time-series modeling and analysis of sales data
- Analysis of customer satisfaction survey data
- Modeling and analysis of manufacturing process data
- Predictive modeling