RESEARCH STATEMENT
Andrew Johnson’s research focuses on productivity and efficiency analysis in complex systems. He has applied his research in logistic systems, manufacturing, energy, and more recently has focused on healthcare. His research has been supported by the National Science Foundation and industry partners such as National Oilwell Varco. Andrew’s research focuses on methodological improvements to benchmarking models and estimators to allow deep insights into real world problems.

CONTACT INFORMATION
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4033 Emerging Technologies Building, College Station, TX 77843-3131
Tel: 1-979-458-2356; Fax: 1-979-458-4299; E-mail: ajohnson@tamu.edu

EDUCATION
2002 M.S. (Industrial and Systems Engineering), Georgia Institute of Technology
2001 B.S. (Industrial and Systems Engineering), Virginia Polytechnic Institute and State University, Minors in both Business and Economics. Graduated Magna Cum Laude.

PROFESSIONAL EXPERIENCE
2012- Associate Professor, Industrial and Systems Engineering, Texas A&M University
2011- Co-Director, Laboratory for Energy-Sustainable Operations at Texas A&M University
2006-2012 Assistant Professor, Industrial and Systems Engineering, Texas A&M University
6/13-5/14 Visiting Professor, School of Business, Aalto University, Helsinki, Finland.
12/11-1/12 Visiting Professor, Systems Engineering Laboratory, Department of Information Physics and Sciences, Osaka University, Osaka, Japan.
1/11 GRIPS Visiting Scholar, Operations Research Group, National Graduate Institute for Policy Studies, Tokyo, Japan
5/09-6/09 Research Fellow, Systems Engineering Laboratory, Department of Information Physics and Sciences, Osaka University, Osaka, Japan. (3 Visits)
5/07-6/07

SELECTED JOURNAL PUBLICATIONS (35 Refereed Journal Publications)


**Note:** Graduate Students and Post-Docs in Bold

**SELECTED RESEARCH GRANTS**

Total including collaborative projects: ~$3,890,000 (~$726,000, A.L. Johnson)


**2013 - 2016** Data Envelopment Analysis for Forecasting; **Co-PI**: PI K. Tone, Co-PI T.S. Chang, A.L. Johnson, and J. Ouenniche. Japan Society for the Promotion of Science

2010-2013 Network Data Envelopment Analysis; Co-PI; PI K. Tone, Co-PIs H. Fukuyama, A.L. Johnson, and N. Avkiran; Japan Society for the Promotion of Science.


SERVICE
Department Editor – Facilities and Production Logistics – IIE Transactions (2014 – present)
Associate Editor – International Transactions in Operational Research (2012 – present)

TEACHING

<table>
<thead>
<tr>
<th>Courses</th>
<th>Semesters Taught</th>
<th>Mean/Std. Dev. Class Size</th>
<th>Mean Student Evaluation Score</th>
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<tr>
<td>Undergraduate</td>
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<tr>
<td>Engineering Economy</td>
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<td>50/13</td>
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<td>Project Management for Engineers</td>
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<td>Facility Planning</td>
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<td>Capstone Senior Design</td>
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<tr>
<td>Modeling in Industrial Engineering*</td>
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<td>Directed Studies</td>
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<tr>
<td>Professional Study</td>
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<td>23</td>
<td>-</td>
</tr>
</tbody>
</table>

Student evaluations are calculated on a 5.0 scale. The mean is taken over the student in the section and the eight metrics the students use for evaluation. The sections are averaged equally.
* Indicates recitation instructor at Georgia Tech