WM MICHAEL BARNES '64
DEPARTMENT OF INDUSTRIAL
AND SYSTEMS ENGINEERING

Head: L. Ntaimo
Graduate Advisor: A. Garcia

The department offers Master of Science (MS), Master of Engineering (MEng) and Doctor of Philosophy (PhD) degrees in industrial engineering and a Master of Science (MS) in Engineering Management. Facilities for study and research are excellent, and participation in research is an integral part of the PhD program.

Departmental faculty working in diverse areas of industrial engineering provide students with a wide range of opportunities to gain valuable research experience. Faculty members are presently involved in research in applied statistical analysis, mathematical optimization, stochastic processes, production and inventory control, manufacturing processes and system organization, networks, systems simulation, manufacturing system analysis, quality and reliability engineering, human factors and cognitive ergonomics, transportation systems and logistics.

There is no foreign language requirement for the PhD in industrial engineering. Students in the industrial engineering PhD program are required to pass a departmental qualifying exam within three semesters of starting the program, and all students are required to maintain a GPA of 3.00 in order to remain in good academic standing and graduate. PhD students must also have a 3.0 GPA in order to meet the Preliminary Exam and the Final Exam requirements toward their degree.

Faculty

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Department &amp; Systems Eng</th>
<th>Institution and Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aprahamian, Hrayer</td>
<td>Assistant Professor</td>
<td>Industrial &amp; Systems Eng</td>
<td>PHD, Virginia Tech, 2018</td>
</tr>
<tr>
<td>Banerjee, Amarnath P</td>
<td>Professor</td>
<td>Industrial &amp; Systems Eng</td>
<td>PHD, University of Illinois at Chicago, 1999</td>
</tr>
<tr>
<td>Benden, Mark E</td>
<td>Professor</td>
<td>Industrial &amp; Systems Eng</td>
<td>PHD, Texas A&amp;M University, 2006</td>
</tr>
<tr>
<td>Bennett Jr, George K</td>
<td>Senior Professor</td>
<td>Industrial &amp; Systems Eng</td>
<td>PHD, Texas Tech University, 1970</td>
</tr>
<tr>
<td>Bukkapatnam, Satish T</td>
<td>Professor</td>
<td>Industrial &amp; Systems Eng</td>
<td>PHD, Pennsylvania State University, 1997</td>
</tr>
<tr>
<td>Butenko, Sergiy I</td>
<td>Professor</td>
<td>Industrial &amp; Systems Eng</td>
<td>PHD, University of Florida, 2003</td>
</tr>
<tr>
<td>Currie-Gregg, Nancy J</td>
<td>Professor of the Practice</td>
<td>Industrial &amp; Systems Eng</td>
<td>PHD, University of Houston, 1997</td>
</tr>
<tr>
<td>Curry, Guy L</td>
<td>Senior Professor</td>
<td>Industrial &amp; Systems Eng</td>
<td>PHD, University of Arkansas, 1971</td>
</tr>
<tr>
<td>Ding, Yu</td>
<td>Professor</td>
<td>Industrial &amp; Systems Eng</td>
<td>PHD, University of Michigan, 2001</td>
</tr>
<tr>
<td>Eksin, Ceyhun</td>
<td>Assistant Professor</td>
<td>Industrial &amp; Systems Eng</td>
<td>PHD, University of Pennsylvania, 2015</td>
</tr>
<tr>
<td>Elwany, Alaa Mohamed H</td>
<td>Assistant Professor</td>
<td>Industrial &amp; Systems Eng</td>
<td>PHD, University of Michigan at Ann Arbor, 2010</td>
</tr>
<tr>
<td>Ferris, Thomas K</td>
<td>Associate Professor</td>
<td>Industrial &amp; Systems Eng</td>
<td>PHD, University of Michigan, 1997</td>
</tr>
<tr>
<td>Garcia, Alfredo A</td>
<td>Professor</td>
<td>Industrial &amp; Systems Eng</td>
<td>PHD, University of North Carolina at Chapel Hill, 1997</td>
</tr>
<tr>
<td>Gautam, Natarajan</td>
<td>Professor of the Practice</td>
<td>Industrial &amp; Systems Eng</td>
<td>PHD, Pennsylvania State University, 1999</td>
</tr>
<tr>
<td>Graul, Michael H</td>
<td>Associate Professor</td>
<td>Industrial &amp; Systems Eng</td>
<td>PHD, Texas A&amp;M University, 1995</td>
</tr>
<tr>
<td>Graves, Gregory H</td>
<td>Professor of the Practice</td>
<td>Industrial &amp; Systems Eng</td>
<td>PHD, Texas A&amp;M University, 2006</td>
</tr>
<tr>
<td>Johnson, Andrew L</td>
<td>Professor</td>
<td>Industrial &amp; Systems Eng</td>
<td>PHD, Georgia Institute of Technology, 2006</td>
</tr>
<tr>
<td>Koppa, Rodger J</td>
<td>Senior Associate Professor</td>
<td>Industrial &amp; Systems Eng</td>
<td>PHD, Texas A&amp;M University, 1979</td>
</tr>
<tr>
<td>Kum, Hye Chung</td>
<td>Professor</td>
<td>Industrial &amp; Systems Eng</td>
<td>PHD, University of North Carolina at Chapel Hill, 2004</td>
</tr>
</tbody>
</table>
Kumar, Panganamala R, University Distinguished Professor and Regents Professor
Industrial & Systems Eng
PHD, Washington University in St. Louis, 1977

Lawley, Mark A, Professor
Industrial & Systems Eng
PHD, University of Illinois at Urbana-Champaign, 1995

Leon, Victor J, Professor
Industrial & Systems Eng
PHD, Lehigh University, 1991

Malave, Cesair, Professor
Industrial & Systems Eng
PHD, University of South Florida, 1987

Mayer, Richard John, Adjunct Professor
Industrial & Systems Eng
PHD, Texas A&M University, 1998

McDonald, Anthony D, Assistant Professor
Industrial & Systems Eng
PHD, University of Wisconsin, Madison, 2014

Mehta, Ranjana K, Associate Professor
Industrial & Systems Eng
PHD, Virginia Tech, 2011

Momcilovic, Petar, Associate Professor
Industrial & Systems Eng
PHD, Columbia University, 2003

Moreno Centeno, Erick, Associate Professor
Industrial & Systems Eng
PHD, University of California at Berkeley, 2010

Ntiamo, Lewis, Professor
Industrial & Systems Eng
PHD, University of Arizona, 2004

Pei, Zhijian, Professor
Industrial & Systems Eng
PHD, University of Illinois, 1995

Peres, S Camille, Associate Professor
Industrial & Systems Eng
PHD, Rice University, 2005

Pickens, Adam W, Instructional Associate Professor
Industrial & Systems Eng
PHD, Texas Tech University, 2008

Sagapuram, Dinakar, Assistant Professor
Industrial & Systems Eng
PHD, Purdue University, 2013

Sasangohar, Farzan, Assistant Professor
Industrial & Systems Eng
PHD, University of Toronto, 2015

Shahrampour, Shahin, Assistant Professor
Industrial & Systems Eng
PHD, University of Pennsylvania, 2015

Smith, Donald R, Senior Associate Professor
Industrial & Systems Eng
PHD, University of Arkansas, 1973

Tuo, Rui, Assistant Professor
Industrial & Systems Eng
PHD, Chinese Academy of Sciences, 2013

Valdez Flores, Ciricaco, Professor of the Practice
Industrial & Systems Eng
PHD, Texas A&M University, 1987

Wang, Shiren, Associate Professor
Industrial & Systems Eng
PHD, Florida State University, 2006

Wang, Yen J, Instructional Assistant Professor
Industrial & Systems Eng
DEN, Northwestern University, 1991

Zahabi, Maryam, Assistant Professor
Industrial & Systems Eng
PHD, North Carolina State University, 2017

Zeng, Li, Assistant Professor
Industrial & Systems Eng
PHD, University of Wisconsin, Madison, 2009

Zhang, Xudong, Professor
Industrial & Systems Eng
PHD, University of Michigan Ann Arbor, 1997

Zou, Na, Assistant Professor
Industrial & Systems Eng
PHD, Arizona State University, 2015

Masters

• Master of Engineering in Industrial Engineering (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/industrial-systems/meng/)
• Master of Engineering in Systems Engineering (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/industrial-systems/systems-engineering-meng/)
• Master of Science in Engineering Management (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/industrial-systems/engineering-systems-management/ms/)
• Master of Science in Industrial Engineering (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/industrial-systems/ms/)

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• Doctor of Philosophy in Industrial Engineering (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/industrial-systems/phd/)

Certificates

• Industrial Data Analytics Certificate (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/industrial-systems/industrial-data-analytics-certificate/)