2. SPECIAL RECOGNITIONS

2.1. FACULTY FELLOWS

Badiru, Adedeji B., Professor of Systems and Engineering Management, Fellow of the Institute of Industrial Engineers, Fellow of the Nigerian Academy of Engineering.

Bridgman, Charles J., Professor Emeritus of Nuclear Engineering, Department of Engineering Physics, Fellow of the American Nuclear Society.

Elrod, William E., Professor Emeritus of Aerospace Engineering, Department of Aeronautics and Astronautics, Fellow of American Society of Mechanical Engineers International.

Franke, Milton E., Professor Emeritus of Aerospace Engineering, Department of Aeronautics and Astronautics, Fellow of the American Society of Mechanical Engineers.

Houpis, Constantine H., Professor Emeritus of Electrical Engineering, Department of Electrical and Computer Engineering, Fellow of the Institute of Electrical and Electronic Engineers.

Mall, Shankar, Professor of Aerospace Engineering, Department of Aeronautics and Astronautics, Fellow of the American Society of Mechanical Engineers International.

Maybeck, Peter S., Professor of Electrical Engineering, Department of Electrical and Computer Engineering, Fellow of the Institute of Electrical and Electronic Engineers.

Pachter, Meir, Professor of Electrical Engineering, Department of Electrical and Computer Engineering, Fellow of the Institute of Electrical and Electronic Engineers.

Palazotto, Anthony N., Professor of Aerospace Engineering, Department of Aeronautics and Astronautics, Fellow of the American Society of Civil Engineers.

Perram, Glen P., Professor of Physics, Department of Engineering Physics, Fellow of the Directed Energy Professional Society.

Ruggles-Wrenn, Marina B., Associate Professor of Aerospace Engineering, Department of Aeronautics and Astronautics, Fellow of the American Society of Mechanical Engineers International.

Soni, Som R., Associate Professor of Aerospace Engineering, Department of Aeronautics and Astronautics, Fellow of the American Society for Composites.

Thomas, M. U., Dean, Graduate School of Engineering and Management, Fellow of the Institute of Industrial Engineers, Fellow of the American Society of Quality, Fellow of the Institute for Operations Research and Management Sciences.

2.3. RESEARCH AWARDS

2.3.1. FACULTY

BALDWIN, RUSTY O.,
General Bernard A. Schriever Award for contributions to advancing aerospace power, technology, and doctrine, 2006.

CANFIELD, ROBERT A.,
American Institute of Aeronautics and Astronautics Sustained Service Award, 2007.

COOPER, MARTHA C.,

“Organizational Commitment and Governance for Supply Chain Success,” International Journal of Physical Distribution and Logistics Management. The article was highly commended in the 2007 Emerald Literati Network Awards for Excellence – Outstanding Paper Competition.


DECKRO, RICHARD F.,

GOLTZ, MARK N.,
Affiliate Societies Council of Dayton Outstanding Engineers and Scientists Education Award, 2007.

HALL, SHANE N., Maj,

Havrilla, Michael J.,
Best student paper award, 2nd place, to J. Stewart at the Antenna Measurements Technique Association Conference, Oct 2006.

Kharoufeh, Jeffrey P.,


KURKOWSKI, STUART H., Maj,
Nominated to the HKN Honor Society, November 2006.

MARTIN, RICHARD K.,
HKN (Eta Kappa Nu, Delta Xi Chapter) Instructor of the Year, March 2007.

MOORE, JAMES T.,

OGDEN, JEFFREY A.,
“Organizational Commitment and Governance for Supply Chain Success,” International Journal of Physical Distribution and Logistics Management. The article was highly commended in the 2007 Emerald Literati Network Awards for Excellence – Outstanding Paper Competition.

PALAZOTTO, ANTHONY N.,

PERRY, MARCUS B.,

RAINES, RICHARD A.,
Colonel Charles A. Stone Award, Wright Memorial Chapter Air Force Association for personal leadership in the advancement of the Air Force Institute of Technology mission, September 2007.

The Kittyhawk Chapter of the Association of Old Crows, Information Operations Award winner—for significant contributions in development of information technology programs or related doctrine or tactics, or in the application of information operations; 2007 AFIT, AU, AETC Nominee for the Secretary of the Air Force Harold Brown Award—for significant achievement in research and development.

RAQUET, JOHN F.,

Colonel Charles A. Stone Award for personal leadership in the advancement of the Air Force Institute of Technology mission, 2006.

RUGGLES-WRENN, MARINA B.,

SAVILLE, MICHAEL A., Maj,
Promoted to Full Member Sigma Xi, November 2006.
WILLIAMS, PAUL D., Maj,
AFIT Teacher of the Year – 2007 Leslie M. Norton Award Winner – Student award for the faculty member who demonstrates the highest standards of excellence in and out the classroom. #1/162 EN Professors.

ZALEWSKI, DANIEL J., Col,

2.3.2. STUDENTS

AFTANAS, JASON, Capt,

ARTELLI, MICHAEL, Maj,

BARTON, RICHARD J., Capt,

COHEE, BRANNEN C., Maj,
Mervin E. Gross Award, June 2007.

CORDEIRO, JAMES, Maj,

FENSTERER, GERALD, 1Lt,
Air Force Historical Foundation Award, March 2007.

FRANZ, TIMOTHY P., Maj,
Mervin E. Gross Award, March 2007.

GEFFRE, JENNIFER, 1Lt,

GIMELSHTYN, MAXIM, Capt,
The MASINT Committee Outstanding Thesis Award, March 2007.

JACKSON, WILLIAM, SMSgt,
The Secretary James G. Roche Award, March 2007.
KOO, ROBERT, 1Lt,

LARSON, R.,

MICHALSKI, SYDNEY, Capt,

MONTMINY, DAVID P., Capt,

MOTT, STEPHEN D., 2Lt,

OLIVER, BRAD, Maj,

RASMUSSEN, C.,

SEYBA, JASON R., 2Lt,

SILVA, RYAN J., 2Lt,

SPINELLI, CHRISTOPHER, Capt,
Institute of Navigation’s Research Excellence Award, March 2007
3.4. OUTSIDE FUNDING FOR THE GRADUATE SCHOOL OF ENGINEERING AND MANAGEMENT

Many of the Graduate School of Engineering and Management’s theses and research projects completed under faculty supervision (sponsored or unsponsored) are funded in part by other Air Force, DoD and government units and agencies. Often, this funding results from collaboration between faculty and thesis sponsors and occurs when the research project can be leveraged by the purchase of equipment or services not otherwise available. Tables 3.4 and 3.5, and Figure 3.3, summarize outside funding for FY07, and Figure 3.2 summarizes the past seven fiscal years of outside sponsored funding.

<table>
<thead>
<tr>
<th>Table 3.4 New FY07 Awards to Academic Departments &amp; Research Centers by Type</th>
<th>Research</th>
<th>Education</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Department</td>
<td>#</td>
<td>Dollars</td>
<td>#</td>
</tr>
<tr>
<td>Mathematics &amp; Statistics (ENC)</td>
<td>4</td>
<td>68,979</td>
<td>-</td>
</tr>
<tr>
<td>Electrical &amp; Computer Eng (ENG)</td>
<td>52</td>
<td>2,241,268</td>
<td>5</td>
</tr>
<tr>
<td>Engineering Physics (ENP)</td>
<td>34</td>
<td>2,316,659</td>
<td>3</td>
</tr>
<tr>
<td>Research &amp; Sponsored Programs (ENR)</td>
<td>1</td>
<td>10,201</td>
<td>-</td>
</tr>
<tr>
<td>Operations Sciences (ENS)</td>
<td>16</td>
<td>388,825</td>
<td>-</td>
</tr>
<tr>
<td>Systems &amp; Eng Management (ENV)</td>
<td>11</td>
<td>644,877</td>
<td>-</td>
</tr>
<tr>
<td>Aeronautical &amp; Astronautical Eng (ENY)</td>
<td>43</td>
<td>1,014,789</td>
<td>4</td>
</tr>
<tr>
<td>TOTAL</td>
<td>161</td>
<td>6,685,599</td>
<td>12</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Research Center</th>
<th>#</th>
<th>Dollars</th>
<th>#</th>
<th>Dollars</th>
<th>#</th>
<th>Dollars</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Navigation Technology Center (ANT)</td>
<td>25</td>
<td>1,140,390</td>
<td>1</td>
<td>20,160</td>
<td>26</td>
<td>1,160,550</td>
</tr>
<tr>
<td>Center for Directed Energy (CDE)</td>
<td>17</td>
<td>1,353,227</td>
<td>2</td>
<td>38,922</td>
<td>19</td>
<td>1,392,149</td>
</tr>
<tr>
<td>Center for Cyberspace Research (CCR)</td>
<td>9</td>
<td>390,987</td>
<td>4</td>
<td>1,069,858</td>
<td>13</td>
<td>1,460,845</td>
</tr>
<tr>
<td>Center for MASINT Studies and Research (CMSR)</td>
<td>5</td>
<td>357,240</td>
<td>1</td>
<td>510,000</td>
<td>6</td>
<td>867,240</td>
</tr>
<tr>
<td>Center for Operational Analysis (COA)</td>
<td>12</td>
<td>343,825</td>
<td>-</td>
<td>-</td>
<td>12</td>
<td>343,825</td>
</tr>
<tr>
<td>Center for Systems Engineering (CSE)</td>
<td>6</td>
<td>215,150</td>
<td>2</td>
<td>109,725</td>
<td>8</td>
<td>324,875</td>
</tr>
<tr>
<td>Center for Space Studies &amp; Research (CSSR)</td>
<td>2</td>
<td>97,869</td>
<td>-</td>
<td>-</td>
<td>2</td>
<td>97,869</td>
</tr>
<tr>
<td>TOTAL</td>
<td>76</td>
<td>3,893,268</td>
<td>10</td>
<td>1,748,665</td>
<td>86</td>
<td>5,647,933</td>
</tr>
</tbody>
</table>

Notes: DoD regulations limit AFIT's charges to DoD organizations. Accounting for these nonchargeable items, the cost of our research program at a comparable civilian university would have been approximately $15 million. All Center funds are also included in departmental funding.

Figure 3.2: New Award History FY00-FY07
### Table 3.5 New FY07 Awards to Academic Departments & Research Centers by Sponsor

<table>
<thead>
<tr>
<th>Dept.</th>
<th>AFRL Dollars</th>
<th>Other USAF Dollars</th>
<th>Other DoD Dollars</th>
<th>NGA Dollars</th>
<th>NSF Dollars</th>
<th>NSA Dollars</th>
<th>Other Federal Dollars</th>
<th>Non-Federal Dollars</th>
<th>Total Dollars</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC</td>
<td>68,979</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>68,979</td>
</tr>
<tr>
<td>ENG</td>
<td>1,655,917</td>
<td>481,601</td>
<td>285,450</td>
<td>50,000</td>
<td>510,710</td>
<td>327,448</td>
<td>-</td>
<td>-</td>
<td>3,331,286</td>
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<tr>
<td>ENP</td>
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<td>380,000</td>
<td>759,805</td>
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<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>2,865,581</td>
</tr>
<tr>
<td>ENR</td>
<td>10,201</td>
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<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>10,201</td>
</tr>
<tr>
<td>ENS</td>
<td>271,825</td>
<td>97,000</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>388,825</td>
</tr>
<tr>
<td>ENV</td>
<td>120,000</td>
<td>421,328</td>
<td>78,800</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>24,750</td>
<td>644,878</td>
</tr>
<tr>
<td>ENY</td>
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<td>422,567</td>
<td>9,444</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>1,164,834</td>
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<tr>
<td>TOTAL</td>
<td>4,019,204</td>
<td>1,802,496</td>
<td>1,133,499</td>
<td>560,000</td>
<td>510,710</td>
<td>347,448</td>
<td>24,750</td>
<td>76,477</td>
<td>8,474,584</td>
</tr>
</tbody>
</table>

Research Center Data

<table>
<thead>
<tr>
<th>Center</th>
<th>Dollars</th>
<th>Dollars</th>
<th>Dollars</th>
<th>Dollars</th>
<th>Dollars</th>
<th>Dollars</th>
<th>Dollars</th>
<th>Dollars</th>
<th>Dollars</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANT</td>
<td>869,679</td>
<td>101,961</td>
<td>118,750</td>
<td>50,000</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>20,160</td>
<td>1,160,550</td>
</tr>
<tr>
<td>CCR</td>
<td>355,000</td>
<td>100,987</td>
<td>166,700</td>
<td>-</td>
<td>510,710</td>
<td>327,448</td>
<td>-</td>
<td>-</td>
<td>1,460,845</td>
</tr>
<tr>
<td>CDE</td>
<td>889,632</td>
<td>97,000</td>
<td>502,517</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>1,392,149</td>
</tr>
<tr>
<td>CMSR</td>
<td>132,240</td>
<td>225,000</td>
<td>510,000</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>867,240</td>
</tr>
<tr>
<td>COA</td>
<td>246,825</td>
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<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>343,825</td>
</tr>
<tr>
<td>CSE</td>
<td>84,000</td>
<td>240,875</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>324,875</td>
</tr>
<tr>
<td>CSSR</td>
<td>-</td>
<td>97,869</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>97,869</td>
</tr>
<tr>
<td>TOTAL</td>
<td>2,577,376</td>
<td>863,692</td>
<td>787,967</td>
<td>560,000</td>
<td>510,710</td>
<td>327,448</td>
<td>-</td>
<td>20,160</td>
<td>5,647,353</td>
</tr>
</tbody>
</table>

Note: All Center funds are also included in departmental funding