FY 2011 ANNUAL REPORT OF
SPONSORED PROGRAM ACTIVITY

November 11, 2011
Prepared by the Office of Grants and Contracts Accounting
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NEW SPONSORED PROGRAM AWARDS
FISCAL YEAR 2011
### New Awards by Sponsor

**FY 2010 - 2011**

<table>
<thead>
<tr>
<th>Sponsor</th>
<th>FY10 Total</th>
<th>FY11 Total</th>
<th>% Incr/Decr</th>
</tr>
</thead>
<tbody>
<tr>
<td>US DoD</td>
<td>$45.9</td>
<td>$48.6</td>
<td>6%</td>
</tr>
<tr>
<td>US Army</td>
<td>$42.3</td>
<td>$32.5</td>
<td>-23%</td>
</tr>
<tr>
<td>US Navy</td>
<td>$19.9</td>
<td>$25.9</td>
<td>30%</td>
</tr>
<tr>
<td>US Air Force</td>
<td>$93.7</td>
<td>$109.3</td>
<td>17%</td>
</tr>
<tr>
<td>NASA</td>
<td>$13.2</td>
<td>$8.5</td>
<td>-35%</td>
</tr>
<tr>
<td>NSF</td>
<td>$84.0</td>
<td>$71.8</td>
<td>-14%</td>
</tr>
<tr>
<td>DHHS (NIH)</td>
<td>$31.3</td>
<td>$46.0</td>
<td>47%</td>
</tr>
<tr>
<td>Commerce</td>
<td>$16.9</td>
<td>$7.2</td>
<td>-57%</td>
</tr>
<tr>
<td>Energy</td>
<td>$12.9</td>
<td>$19.2</td>
<td>49%</td>
</tr>
<tr>
<td>Industrial</td>
<td>$80.4</td>
<td>$71.3</td>
<td>-11%</td>
</tr>
<tr>
<td>State and Local Gov't</td>
<td>$15.0</td>
<td>$23.0</td>
<td>54%</td>
</tr>
<tr>
<td>Colleges and Universities</td>
<td>$33.9</td>
<td>$38.4</td>
<td>13%</td>
</tr>
<tr>
<td>Indus Res Inst/Fdns</td>
<td>$29.7</td>
<td>$20.9</td>
<td>-30%</td>
</tr>
<tr>
<td>Misc/Others</td>
<td>$38.7</td>
<td>$45.8</td>
<td>18%</td>
</tr>
</tbody>
</table>

**TOTAL** | **$557.6** | **$568.3** | **2%** |

1) Based on OSP New Funds Report (CA8080)
GEORGIA INSTITUTE OF TECHNOLOGY
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Trend Analysis of New Awards by Value
FY 2006 - 2011

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>GTRI (Millions)</th>
<th>RI (Millions)</th>
<th>Total (Millions)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006</td>
<td>$112.7</td>
<td>$233.0</td>
<td>$345.7</td>
</tr>
<tr>
<td>2007</td>
<td>$131.2</td>
<td>$243.3</td>
<td>$374.5</td>
</tr>
<tr>
<td>2008</td>
<td>$185.5</td>
<td>$259.2</td>
<td>$444.7</td>
</tr>
<tr>
<td>2009</td>
<td>$205.9</td>
<td>$277.3</td>
<td>$483.3</td>
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<tr>
<td>2010</td>
<td>$194.8</td>
<td>$362.8</td>
<td>$557.6</td>
</tr>
<tr>
<td>2011</td>
<td>$205.5</td>
<td>$362.8</td>
<td>$568.3</td>
</tr>
</tbody>
</table>

1) Data per Cognos Contractual Package Metatables
FY 11 New Awards by College/Unit
Total $568.3 Million

(Millions) ARCH COMP COS ENGR GTRI IAC MGMT OTHERS Total
$10.0 $31.0 $69.6 $202.4 $205.5 $5.3 $0.9 $43.6 $568.3

1) Data per Cognos Contractual Package Metatables
Trend Analysis of New Awards and Proposals
FY 2006 - 2011

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Awards</th>
<th>Proposals</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006</td>
<td>2,317</td>
<td>2,737</td>
</tr>
<tr>
<td>2007</td>
<td>2,440</td>
<td>2,908</td>
</tr>
<tr>
<td>2008</td>
<td>2,590</td>
<td>3,036</td>
</tr>
<tr>
<td>2009</td>
<td>2,576</td>
<td>3,174</td>
</tr>
<tr>
<td>2010</td>
<td>2,743</td>
<td>3,146</td>
</tr>
<tr>
<td>2011</td>
<td>2,904</td>
<td>3,121</td>
</tr>
</tbody>
</table>

1) Data per Cognos Contractual Package Metatables
Summary Definitions

The totals reported in this section include the following amounts:

1. Direct expenditures for projects funded by the Georgia Tech Foundation and the Georgia Tech Research Corporation
2. Facilities & Administrative (indirect) cost recoveries for both the Institute and the Georgia Tech Research Corporation

Please note that expenditures funded by the Georgia Tech Athletic Association have been excluded from this report.
## Trend Analysis of Sponsored Programs Total Costs

**FY 2006 - 2011**

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>GTRI (Millions)</th>
<th>RI (Millions)</th>
<th>Total (Millions)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006</td>
<td>$124.9</td>
<td>$312.6</td>
<td>$437.5</td>
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<tr>
<td>2007</td>
<td>$121.8</td>
<td>$318.2</td>
<td>$440.0</td>
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<tr>
<td>2008</td>
<td>$137.0</td>
<td>$372.7</td>
<td>$509.7</td>
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<tr>
<td>2009</td>
<td>$163.9</td>
<td>$368.4</td>
<td>$532.3</td>
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<tr>
<td>2010</td>
<td>$199.6</td>
<td>$403.7</td>
<td>$603.3</td>
</tr>
<tr>
<td>2011</td>
<td>$213.6</td>
<td>$427.3</td>
<td>$640.9</td>
</tr>
</tbody>
</table>
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FY 2011 Sponsored Programs Total Costs by Major Source

TOTAL: $640.9 Million

Federal Funds: $460.8M (72%)
Private Funds: $166.9M (26%)
State Funds: $12.3M  (2%)
Local: $0.9M  (0%)

<table>
<thead>
<tr>
<th>(Millions)</th>
<th>Army</th>
<th>DHHS</th>
<th>NASA</th>
<th>Navy</th>
<th>NSF</th>
<th>Other Federal</th>
<th>USAF</th>
<th>USDOD</th>
<th>Other-Local</th>
<th>GTF</th>
<th>GTRC</th>
<th>Other-Private</th>
<th>GA</th>
<th>Non-GA</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$43.4</td>
<td>$33.9</td>
<td>$16.5</td>
<td>$25.5</td>
<td>$66.3</td>
<td>$100.8</td>
<td>$116.4</td>
<td>$57.9</td>
<td>$0.9</td>
<td>$73.0</td>
<td>$12.7</td>
<td>$81.3</td>
<td>$10.5</td>
<td>$1.8</td>
<td>$640.9</td>
</tr>
</tbody>
</table>
FY 11 Sponsored Programs Total Cost By College/Unit

Total $640.9 Million

Resident Instruction: $412.6M (64%)
GTRI $213.6M (33%)
Other Units $14.7M (3%)

College of Engineering 31.1%
College of Architecture 1.1%
College of Computing 4.4%
College of Sciences 9.2%
College of Management 0.8%
Scholarship and Fellowship 6.6%
Ivan Allen College 1.2%
MARC 0.7%
Centers and Others 9.3%
DLPE 0.7%
EII 1.5%
Sponsored Programs Total Costs by Category

Total $640.9 Million

- Salaries and Wages: 29.6%
- Materials and Supplies: 17.5%
- Fringe Benefits: 6.8%
- Equipment with Title in GIT: 2.4%
- Equipment with Title Non-GIT: 3.7%
- Foreign Travel: 0.6%
- Domestic Travel: 2.1%
- Tuition Remission: 3.6%
- Equipment with Title in GIT: 2.4%
- Equipment with Title Non-GIT: 3.7%
- Subcontracts - MTDC: 3.6%
- Subcontracts - Non MTDC: 4.4%
- Sponsored Other Memo: 1.9%
- Sponsored Indirect: 24.0%
Summary Definitions – Direct Costs

The totals reported in this section include direct expenditures for projects funded by the Georgia Tech Foundation and the Georgia Tech Research Corporation.

Please note that expenditures funded by the Georgia Tech Athletic Association have been excluded from this report.
Trend Analysis of Sponsored Programs Direct Costs
FY 2006 - 2011

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Org (Millions)</th>
<th>GTRI (Millions)</th>
<th>Total (Millions)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006</td>
<td>$336.9</td>
<td>$74.8</td>
<td>$411.7</td>
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<tr>
<td>2007</td>
<td>$334.8</td>
<td>$70.6</td>
<td>$405.4</td>
</tr>
<tr>
<td>2008</td>
<td>$396.1</td>
<td>$81.5</td>
<td>$477.6</td>
</tr>
<tr>
<td>2009</td>
<td>$406.3</td>
<td>$99.6</td>
<td>$505.9</td>
</tr>
<tr>
<td>2010</td>
<td>$461.0</td>
<td>$124.0</td>
<td>$585.0</td>
</tr>
<tr>
<td>2011</td>
<td>$486.8</td>
<td>$133.0</td>
<td>$619.8</td>
</tr>
</tbody>
</table>
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FY 11 Sponsored Programs Direct Costs by Major Source
TOTAL: $486.8 Million

Federal Funds: $326.6M (67%)
Private Funds: $150.2M (31%)
State Funds: $9.2M (2%)
Local: $0.8M (0%)

<table>
<thead>
<tr>
<th>Major Source</th>
<th>Direct Costs (Millions)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal, Army</td>
<td>$29.8</td>
</tr>
<tr>
<td>Federal, DHHS</td>
<td>$25.2</td>
</tr>
<tr>
<td>Federal, NASA</td>
<td>$12.5</td>
</tr>
<tr>
<td>Federal, NSF</td>
<td>$17.6</td>
</tr>
<tr>
<td>Federal, Other Federal</td>
<td>$49.9</td>
</tr>
<tr>
<td>Federal, USAF</td>
<td>$77.6</td>
</tr>
<tr>
<td>Federal, USDOD</td>
<td>$75.9</td>
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<tr>
<td>Federal, Other-Local</td>
<td>$0.8</td>
</tr>
<tr>
<td>Federal, GTF</td>
<td>$38.2</td>
</tr>
<tr>
<td>Federal, GTRC</td>
<td>$73.0</td>
</tr>
<tr>
<td>Federal, Other-Private</td>
<td>$12.7</td>
</tr>
<tr>
<td>State, GA</td>
<td>$64.5</td>
</tr>
<tr>
<td>State, Non-GA</td>
<td>$7.7</td>
</tr>
<tr>
<td>Local, Other-Local</td>
<td>$1.4</td>
</tr>
<tr>
<td>Other-Private</td>
<td>$0.8</td>
</tr>
<tr>
<td>Total</td>
<td>$486.8</td>
</tr>
</tbody>
</table>
FY 11 Resident Instruction and Other Units Direct Costs
Total $353,763,000

- College of Sciences: 12.7%
- College of Engineering: 43.8%
- College of Management: 1.4%
- College of Computing: 6.2%
- Scholarship and Fellowship: 12.0%
- Centers and Others: 16.1%
- Ivan Allen College: 1.7%
- MARC: 1.0%
- DLPE: 1.3%
- EII: 2.2%
- College of Architecture: 1.7%
FY 11 College of Computing Direct Costs
Total $21,887,000

- School of Computer Science: 32.0%
- Computational Sci & Eng: 22.7%
- Computing, College of: 8.0%
- Ctr Exp Rsch Comp Sys (CERCS): 3.0%
- GT Info Security Ctr (GTISC): 0.8%
- Graphics,Vis & Usability (GVU): 4.8%
- Interactive Computing: 23.8%
- Robotics & Intelligent Machine: 4.8%
FY 11 College of Sciences Direct Costs
Total $44,811,000

- Chemistry & Biochemistry: 40.1%
- Mathematics: 5.1%
- Physics: 11.6%
- Psychology: 6.5%
- Sciences, College of: 0.5%
- Applied Physiology, School of: 2.2%
- Earth & Atmospheric Sciences: 10.8%
- Biology: 18.6%
- CEISMC: 4.7%
- Mathematics: 5.1%
- Physics: 11.6%
- Psychology: 6.5%
- Sciences, College of: 0.5%
- Applied Physiology, School of: 2.2%
- Earth & Atmospheric Sciences: 10.8%
- Biology: 18.6%
FY 11 College of Engineering Direct Costs
Total $155,072,000
Trend Analysis of Graduate Student Tuition Remission Recoveries
FY 2006 - 2011

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>GTRI (Millions)</th>
<th>RI (Millions)</th>
<th>Total (Millions)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006</td>
<td>$0.1</td>
<td>$8.5</td>
<td>$8.6</td>
</tr>
<tr>
<td>2007</td>
<td>$0.1</td>
<td>$10.6</td>
<td>$10.7</td>
</tr>
<tr>
<td>2008</td>
<td>$0.1</td>
<td>$12.6</td>
<td>$12.7</td>
</tr>
<tr>
<td>2009</td>
<td>$0.2</td>
<td>$14.1</td>
<td>$14.3</td>
</tr>
<tr>
<td>2010</td>
<td>$0.2</td>
<td>$17.8</td>
<td>$18.0</td>
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<tr>
<td>2011</td>
<td>$0.3</td>
<td>$22.7</td>
<td>$23.0</td>
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</table>
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FY11 Graduate Student Tuition Remission Recoveries
Total: $22,988,000

- College of Engineering: 64.5%
- College of Sciences: 13.2%
- College of Computing: 11.2%
- College of Architecture: 2.8%
- College of Management: 0.2%
- Ivan Allen College: 2.1%
- MARC: 1.4%
- Centers and Others: 3.4%
- GTRI: 1.1%
- EII: 0.0%
- DLPE: 0.0%
FACILITIES AND ADMINISTRATIVE COST RECOVERIES
FISCAL YEAR 2011

Summary Definitions

The totals reported in this section include Facilities & Administrative (indirect) cost recoveries for both the Institute and the Georgia Tech Research Corporation.
Trend Analysis of Sponsored Programs Indirect Costs

FY 2006 - 2011

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Org Total (Millions)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006</td>
<td>$100.6</td>
</tr>
<tr>
<td>2007</td>
<td>$105.2</td>
</tr>
<tr>
<td>2008</td>
<td>$113.6</td>
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<tr>
<td>2009</td>
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<tr>
<td>2010</td>
<td>$142.3</td>
</tr>
<tr>
<td>2011</td>
<td>$154.1</td>
</tr>
</tbody>
</table>

- **GTRI**
  - 2006: $50.0
  - 2007: $51.2
  - 2008: $55.6
  - 2009: $64.3
  - 2010: $75.6
  - 2011: $80.6

- **RI**
  - 2006: $50.6
  - 2007: $54.0
  - 2008: $58.0
  - 2009: $61.7
  - 2010: $66.7
  - 2011: $73.5

The chart shows the trend analysis of sponsored programs indirect costs from FY 2006 to 2011, with a breakdown of GTRI and RI contributions.
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FY 11 Sponsored Programs Indirect Costs by Major Source

TOTAL: $154.1 Million

Federal Funds: $134.0M (87%)
Private Funds: $16.8M (11%)
State Funds: $3.2M (2%)
Local: $0.1M (0%)

Federal, Army: 8.8%
Federal, DHHS: 5.7%
Federal, NASA: 2.6%
Federal, NSF: 10.6%
Federal, Navy: 5.1%
Federal, Other Federal: 15.0%
Federal, USDOD: 12.8%
Federal, USAF: 26.3%
Federal, USDOD: 12.8%
Local, Other-Local: 0.1%
Private, GTRC: 0.0%
Private, Other-Private: 10.9%
State, GA: 1.8%
State, Non-GA: 0.2%
Federal, Army: 8.8%
Federal, DHHS: 5.7%
Federal, NASA: 2.6%
Federal, NSF: 10.6%

(Millions)

<table>
<thead>
<tr>
<th>Army</th>
<th>DHHS</th>
<th>NASA</th>
<th>Navy</th>
<th>NSF</th>
<th>Other Federal</th>
<th>USAF</th>
<th>USDOD</th>
<th>Other-Local</th>
<th>GTRC</th>
<th>Other-Private</th>
<th>GA</th>
<th>Non-GA</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>$13.6</td>
<td>$8.7</td>
<td>$4.0</td>
<td>$7.9</td>
<td>$16.4</td>
<td>$23.2</td>
<td>$40.5</td>
<td>$19.7</td>
<td>$0.1</td>
<td>$0.0</td>
<td>$16.8</td>
<td>$2.8</td>
<td>$0.4</td>
<td>$154.1</td>
</tr>
</tbody>
</table>

Total: $154.1 Million
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FY 11 Resident Instruction and Other Units Indirect Costs
Total $73,526,000

- College of Engineering: 60.3%
- College of Computing: 8.7%
- College of Sciences: 18.9%
- DLPE: 0.2%
- EII: 3.1%
- Ivan Allen College: 1.6%
- MARC: 1.6%
- Centers and Others: 3.6%
- College of Architecture: 1.8%
- College of Management: 0.2%
- College of Sciences: 18.9%
FY 11 College of Computing Indirect Costs
Total $6,410,000

- School of Computer Science: 36.9%
- Computational Sci & Eng: 19.2%
- Computing, College of: 3.6%
- Robotics & Intelligent Machine: 6.6%
- Interactive Computing: 29.3%
- Graphics, Vis & Usability (GVU): 3.3%
- GT Info Security Ctr (GTISC): 1.0%
FY 11 College of Sciences Indirect Costs
Total $13,885,000

- Mathematics: 6.4%
- Physics: 13.5%
- Psychology: 6.6%
- Applied Physiology, School of: 2.5%
- Biology: 16.7%
- CEISMC: 1.8%
- Chemistry & Biochemistry: 40.6%
- Earth & Atmospheric Sciences: 12.0%
FY 11 College of Engineering Indirect Costs
Total $44,333,000

- Aerospace Engineering: 16.1%
- Aerospace Systems Design Lab: 2.8%
- Biomedical Engr, GT/Emory: 9.4%
- Chemical and Biomolecular Engr: 10.0%
- Civil & Environmental Engr: 7.8%
- Electrical & Computer Engr: 20.5%
- Electrical & Computer Engr (GT/Emory): 0.6%
- Georgia Tech Savannah: 1.8%
- Health Systems Institute (HSI): 0.0%
- Industrial & Systems Engr: 3.8%
- Materials Science & Engr: 7.9%
- Mechanical Engineering: 14.3%
- MRSEC:GT Lab for New Elec Mat: 0.2%
- Polymer, Textile & Fiber Engr: 0.1%
- Aerospace Systems Design Lab: 2.8%
- Biomedical Engr, GT/Emory: 9.4%
- Chemical and Biomolecular Engr: 10.0%
- Civil & Environmental Engr: 7.8%
- Electrical & Computer Engr: 20.5%
- Electrical & Computer Engr (GT/Emory): 0.6%
- Georgia Tech Savannah: 1.8%
- Health Systems Institute (HSI): 0.0%
- Industrial & Systems Engr: 3.8%
- Materials Science & Engr: 7.9%
- Mechanical Engineering: 14.3%
- MRSEC:GT Lab for New Elec Mat: 0.2%
- Polymer, Textile & Fiber Engr: 0.1%
- Aerospace Engineering: 16.1%
FY 2011 Ivan Allen College F&A Costs
TOTAL $1,205,000
<table>
<thead>
<tr>
<th>Sponsored Program Expenditures</th>
<th>Research Expenditures</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Research</strong></td>
<td><strong>Sponsor Funded</strong></td>
</tr>
<tr>
<td>Direct</td>
<td>$ 371,879,911</td>
</tr>
<tr>
<td>Indirect *</td>
<td>152,090,364</td>
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<tr>
<td>Total</td>
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</tr>
<tr>
<td><strong>Other Sponsored</strong></td>
<td><strong>Institute Funded Research</strong></td>
</tr>
<tr>
<td>Direct</td>
<td>72,540,902</td>
</tr>
<tr>
<td>Indirect</td>
<td>2,024,159</td>
</tr>
<tr>
<td>Total *</td>
<td>74,565,061</td>
</tr>
<tr>
<td><strong>Total Sponsored</strong></td>
<td><strong>598,535,336</strong></td>
</tr>
<tr>
<td><strong>Scholarships &amp; Fellowships</strong></td>
<td></td>
</tr>
<tr>
<td>Direct</td>
<td>486,774,892</td>
</tr>
<tr>
<td>Indirect Costs*</td>
<td>154,114,523</td>
</tr>
<tr>
<td>Total</td>
<td><strong>640,889,415</strong></td>
</tr>
</tbody>
</table>

**Research Expenditures**

- **Total** $562,669,935

* Includes GTRC/GTARC Indirect Collections of $33,434,903 and Excludes GTAA Personal Services of $15,076,445

** Includes Georgia Research Alliance and Research Support.