



# Georgia Institute of Technology<sup>®</sup>

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## ***FY 2016 ANNUAL REPORT OF SPONSORED PROGRAM ACTIVITY***

October 13, 2016

Prepared by the Office of Grants and Contracts Accounting



# GEORGIA INSTITUTE OF TECHNOLOGY FY16 ANNUAL REPORT OF SPONSORED PROGRAM ACTIVITY

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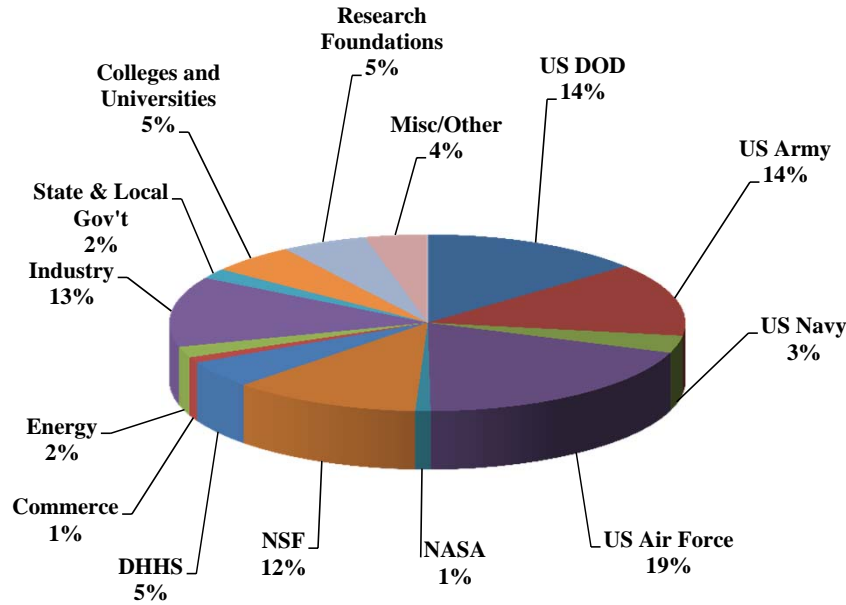
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**NEW SPONSORED PROGRAM AWARDS  
FISCAL YEAR 2016**

# GEORGIA INSTITUTE OF TECHNOLOGY

## FY 2016 ANNUAL REPORT

### New Awards by Sponsor



(Millions)	FY15 Total	FY16 Total	% Incr/Decr
US DOD	\$98.0	\$100.1	2%
US Army	\$32.7	\$96.6	195%
US Navy	\$35.1	\$22.8	-35%
US Air Force	\$167.5	\$138.7	-17%
NASA	\$9.1	\$6.8	-25%
NSF	\$64.9	\$84.9	31%
DHHS (NIH)	\$36.4	\$35.6	-2%
Commerce	\$8.1	\$7.5	-7%
Energy	\$12.7	\$14.4	13%
Industry	\$83.1	\$101.9	23%
State and Local Gov't	\$8.3	\$13.4	61%
Colleges and Universities	\$35.1	\$38.6	10%
Research Foundations	\$27.1	\$38.7	43%
Misc/Other	\$30.1	\$18.9	-37%
<b>TOTAL</b>	<b>\$648.2</b>	<b>\$718.9</b>	<b>11%</b>

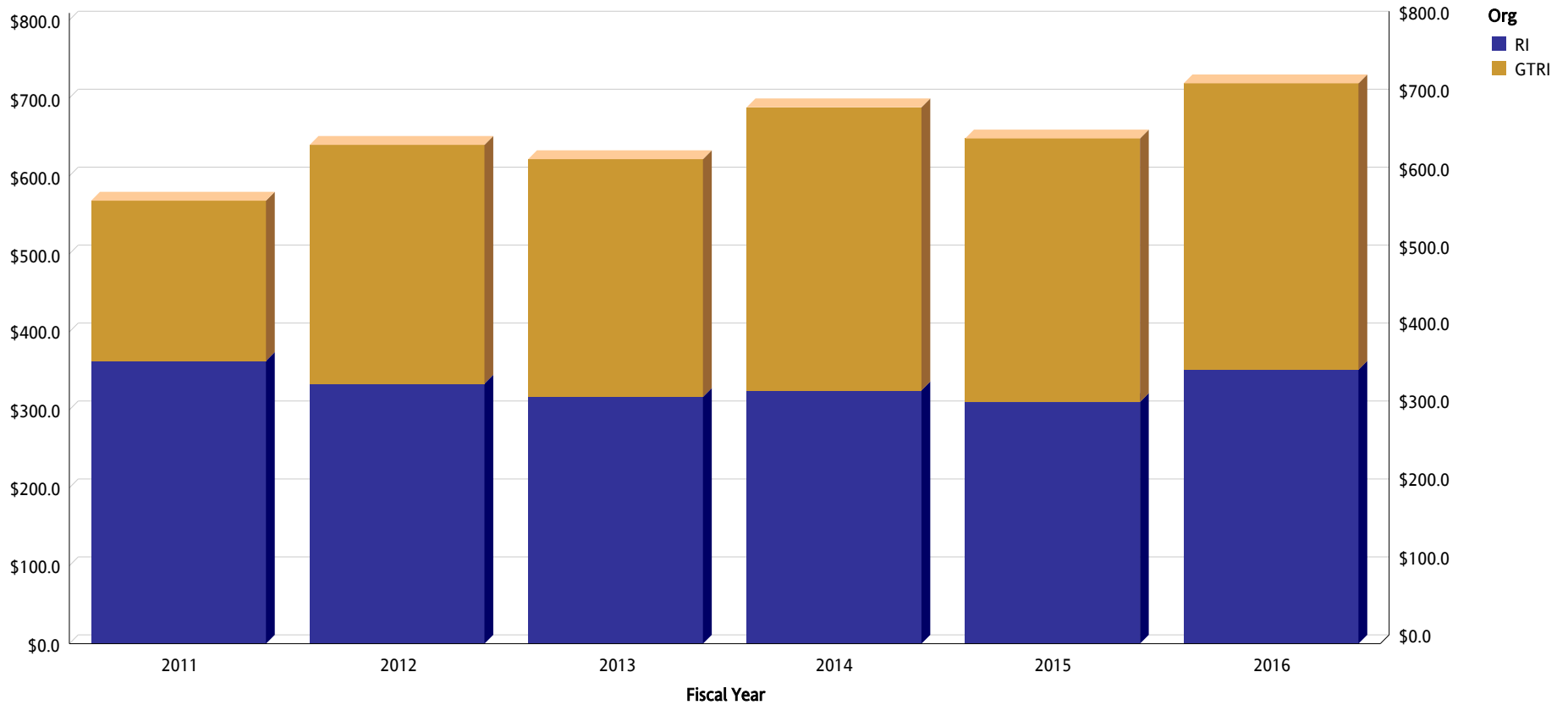
1) Based on OSP Funds Report (CA8080)

# GEORGIA INSTITUTE OF TECHNOLOGY

## FY 2016 ANNUAL REPORT

### Trend Analysis of New Awards by Value

FY 2011 - 2016



(Millions)	2011	2012	2013	2014	2015	2016
GTRI	\$205.5	\$306.2	\$304.9	\$363.3	\$338.2	\$367.5
RI	\$362.8	\$333.7	\$316.7	\$324.9	\$310.0	\$351.4
<b>Total</b>	<b>\$568.3</b>	<b>\$639.9</b>	<b>\$621.6</b>	<b>\$688.2</b>	<b>\$648.2</b>	<b>\$718.9</b>

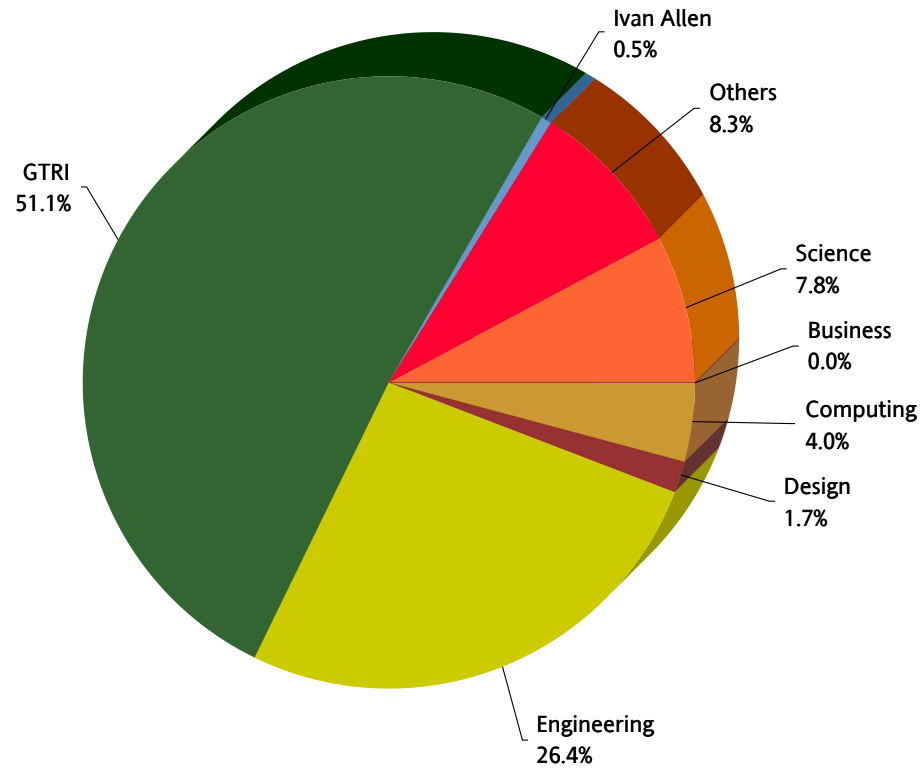
1) Data per Cognos Contractual Package Metatables

# GEORGIA INSTITUTE OF TECHNOLOGY

## FY 2016 ANNUAL REPORT

### FY 2016 New Awards by College/Unit

Total \$718.9 Million



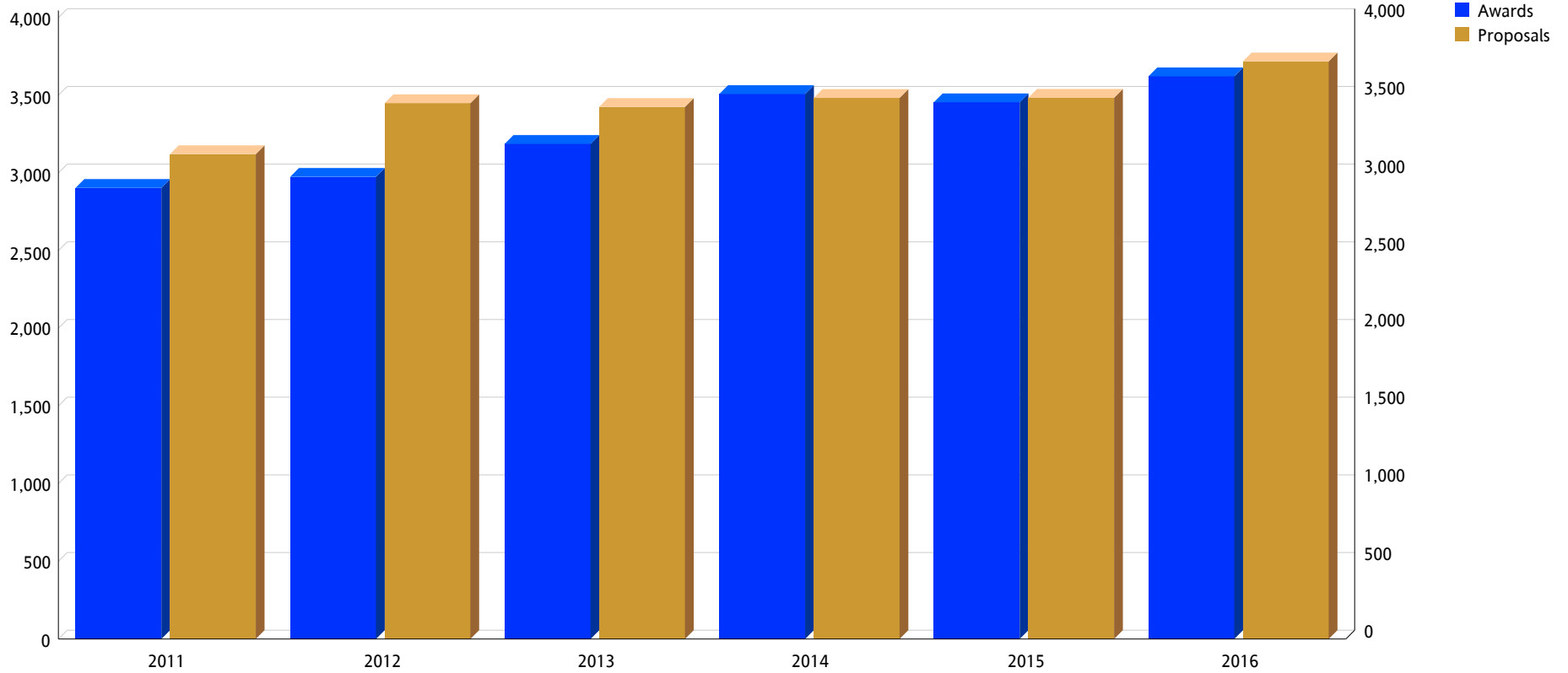
(Millions)	Business	Computing	Design	Engineering	GTRI	Ivan Allen	Others	Science	Total
	\$0.3	\$28.7	\$12.1	\$190.1	\$367.5	\$3.8	\$59.9	\$56.4	<b>\$718.9</b>

# GEORGIA INSTITUTE OF TECHNOLOGY

## FY 2016 ANNUAL REPORT

### Trend Analysis of New Awards and Proposals

FY 2011 - 2016



Report Date FY

	2011	2012	2013	2014	2015	2016
Awards	2,904	2,975	3,187	3,508	3,455	3,622
Proposals	3,121	3,449	3,425	3,483	3,484	3,718

1) Data per Cognos Contractual Package Metatables

# **SPONSORED PROGRAMS TOTAL COSTS FISCAL YEAR 2016**

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.

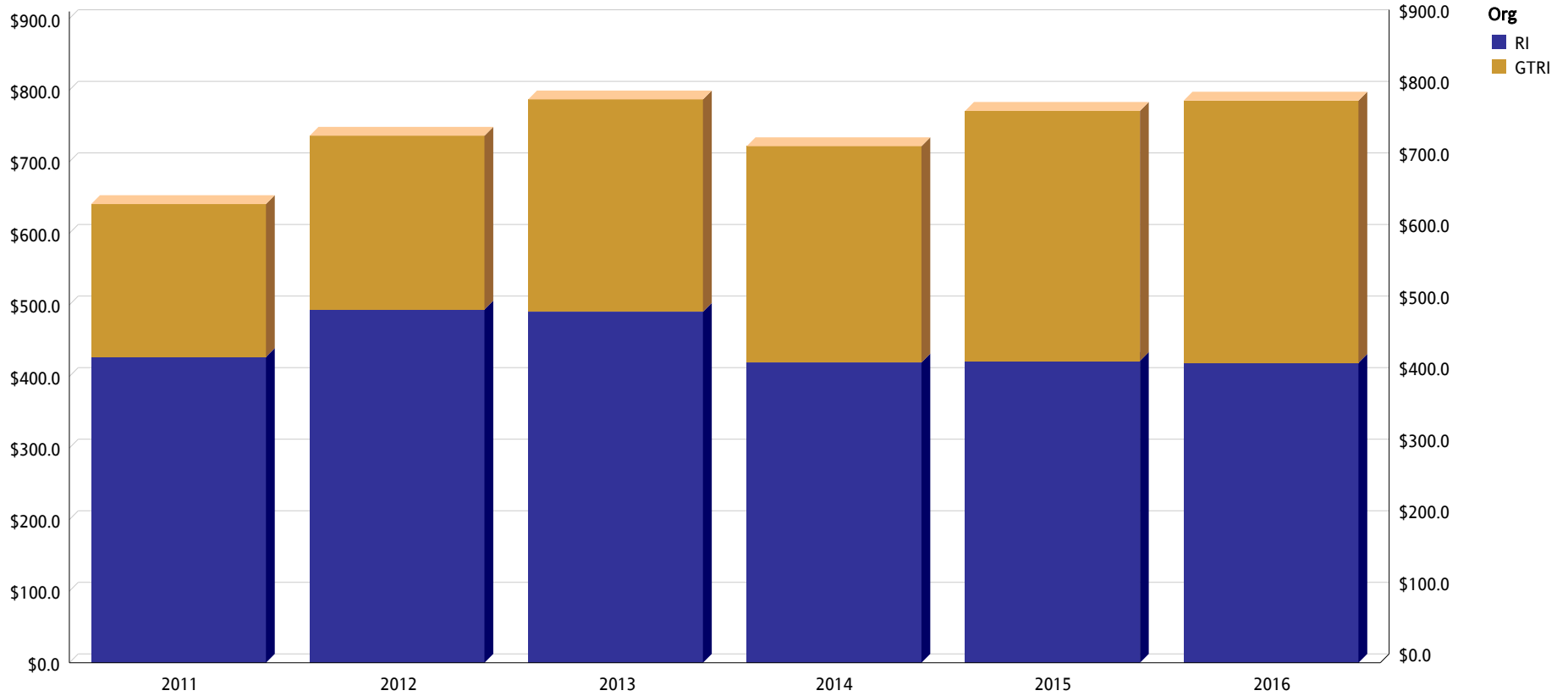


# GEORGIA INSTITUTE OF TECHNOLOGY

## FY 2016 ANNUAL REPORT

### Trend Analysis of Sponsored Programs Total Costs

FY 2011-2016



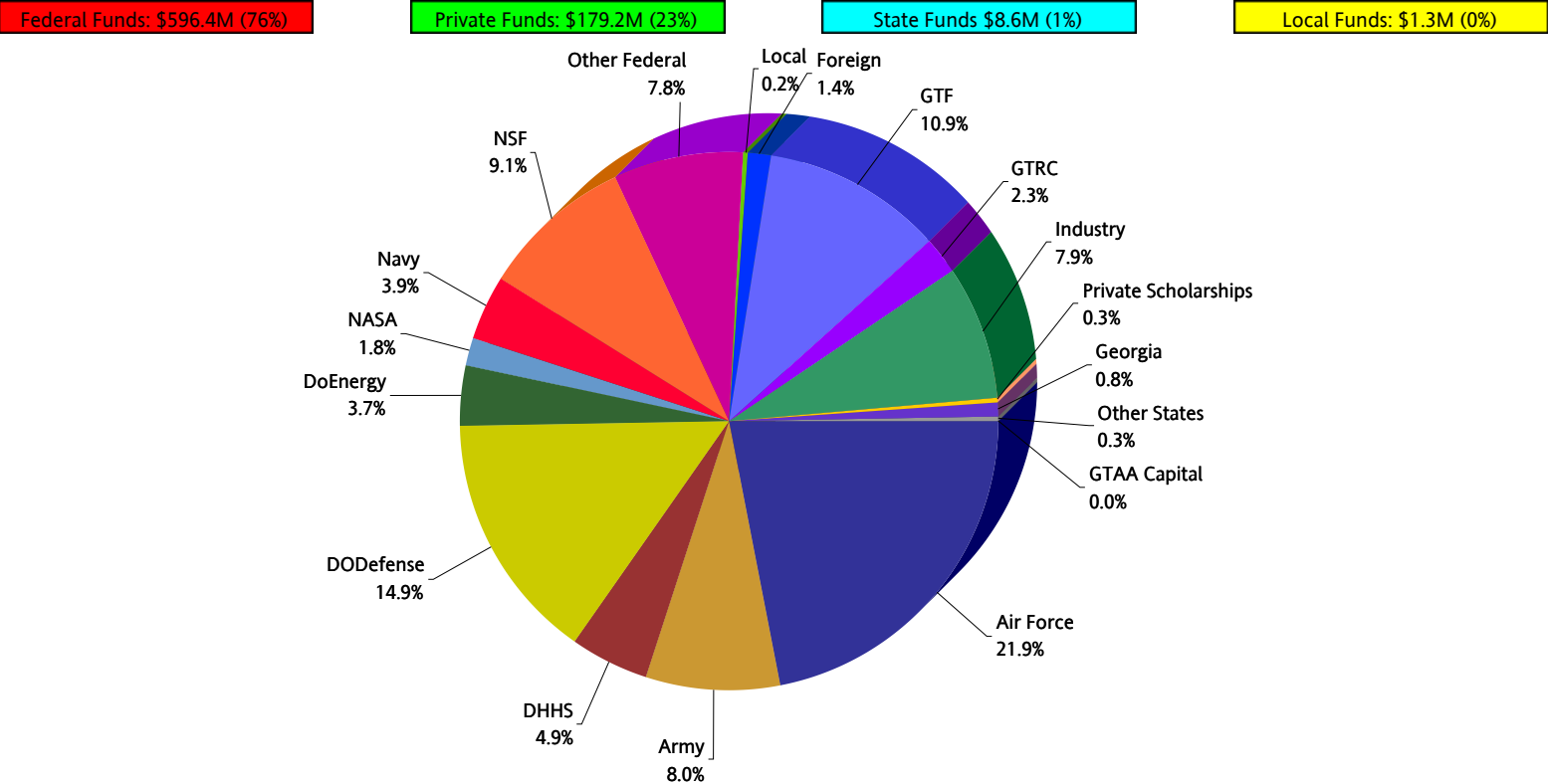
(Millions)	2011	2012	2013	2014	2015	2016
GTRI	\$213.6	\$242.8	\$296.7	\$302.3	\$349.5	\$366.3
RI	\$427.3	\$493.5	\$490.4	\$419.5	\$421.7	\$419.2
<b>Total</b>	<b>\$640.9</b>	<b>\$736.4</b>	<b>\$787.1</b>	<b>\$721.8</b>	<b>\$771.2</b>	<b>\$785.5</b>

# GEORGIA INSTITUTE OF TECHNOLOGY

## FY 2016 ANNUAL REPORT

**FY 2016 Sponsored Programs Total Costs by Major Source**

TOTAL \$785.5 Million



(Millions)	Air Force	Army	DHHS	DODefense	DoEnergy	NASA	Navy	NSF	Other Federal	Local	Foreign	GTF	GTRC	Industry	Private Scholarships	Georgia	Other States	GTAA Capital	Total
	\$172.2	\$62.6	\$38.7	\$116.8	\$28.7	\$13.9	\$30.6	\$71.3	\$61.5	\$1.3	\$10.9	\$85.5	\$18.0	\$61.8	\$2.7	\$6.5	\$2.1	\$0.3	<b>\$785.5</b>

# GEORGIA INSTITUTE OF TECHNOLOGY

## FY 2016 ANNUAL REPORT

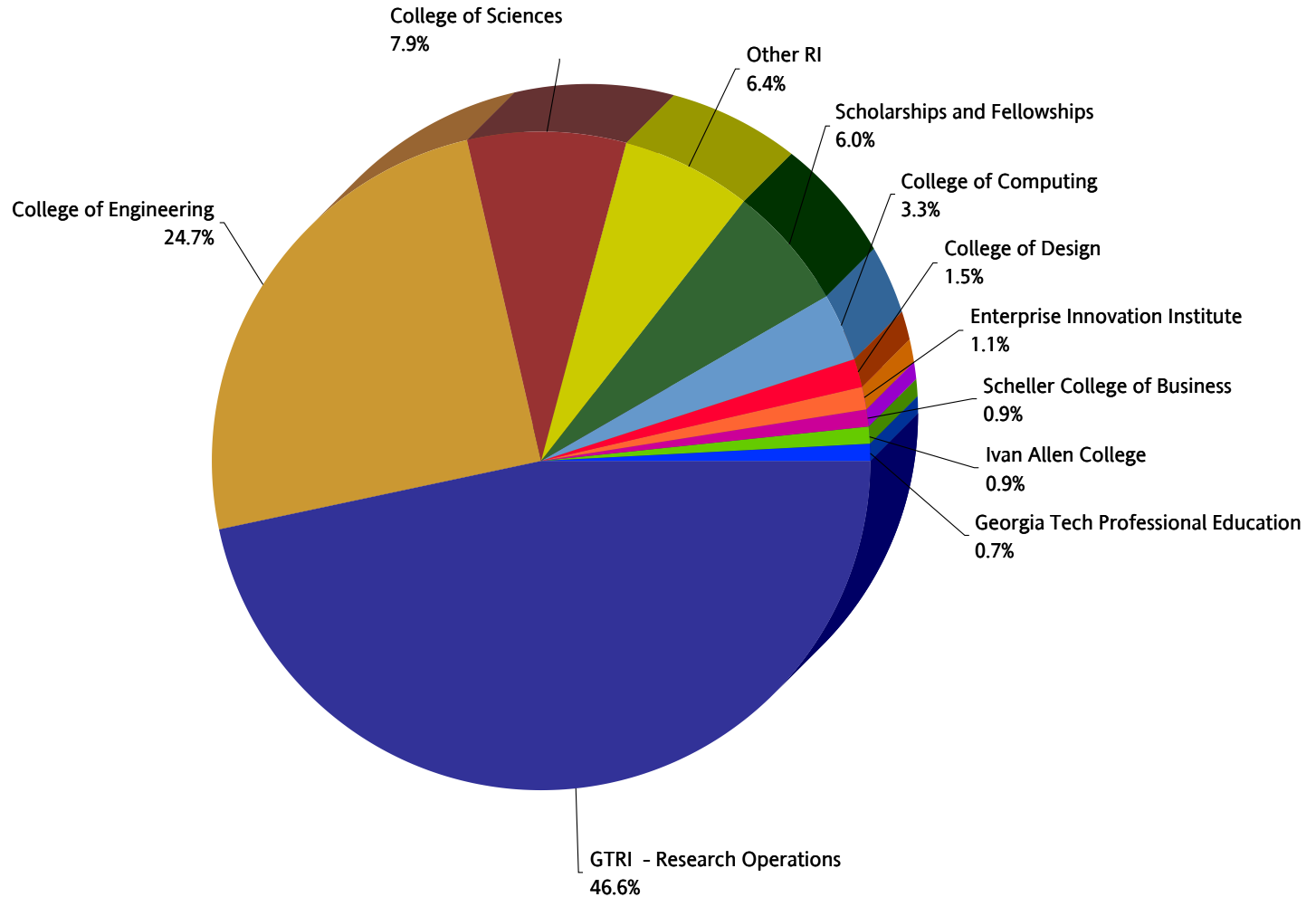
### FY 2016 Sponsored Programs Total Cost by College/Unit

TOTAL \$785.5 Million

Resident Instruction: \$405.0M (51%)

GTRI: \$366.3M (47%)

Other Units \$14.2M (2%)

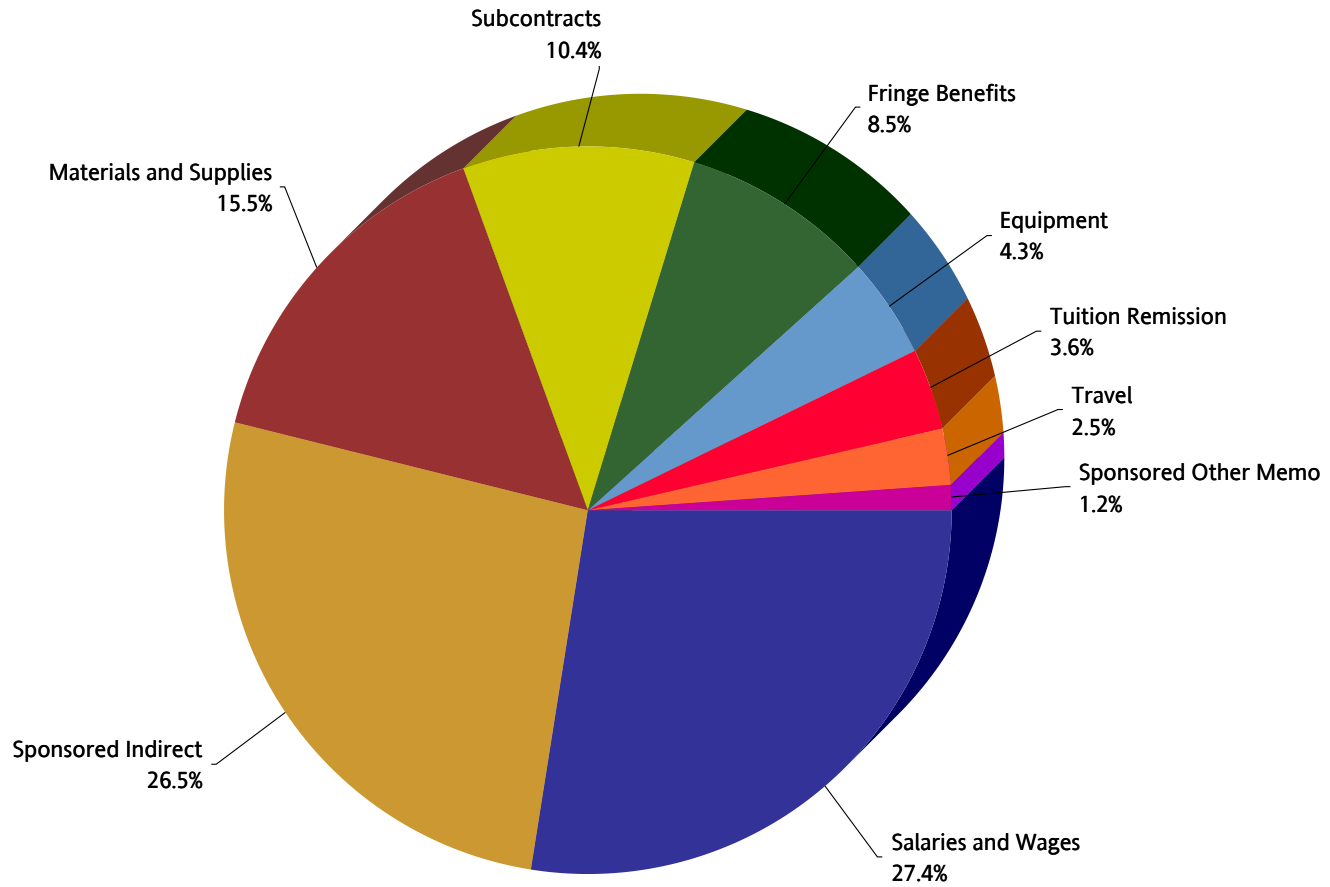


# GEORGIA INSTITUTE OF TECHNOLOGY

FY 2016 ANNUAL REPORT

## FY 2016 Sponsored Programs Total Cost by Classification

TOTAL \$785.5 Million



# **DIRECT COSTS FISCAL YEAR 2016**

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

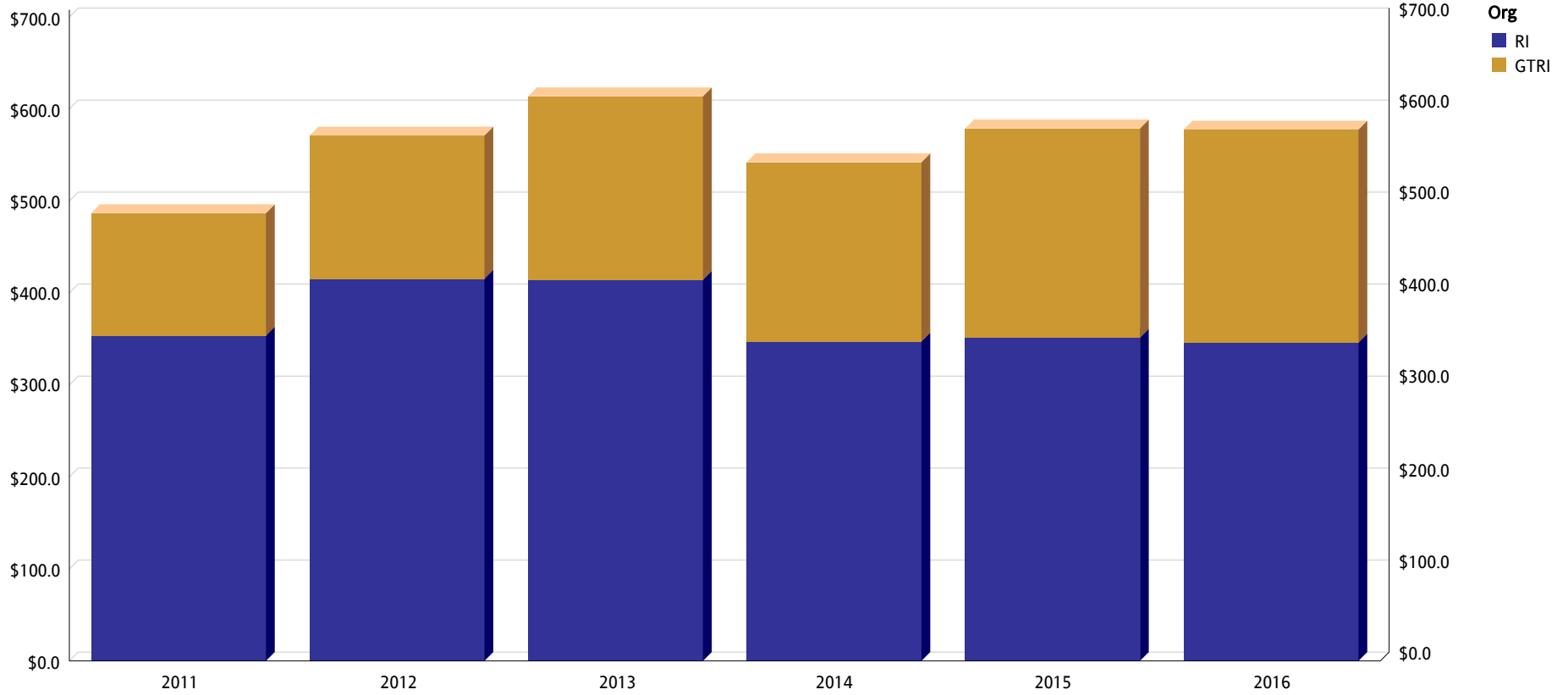
Please note that expenditures funded by the Georgia Tech Athletic Association have been excluded from this report.

# GEORGIA INSTITUTE OF TECHNOLOGY

## FY 2016 ANNUAL REPORT

### Trend Analysis of Sponsored Programs Direct Costs

FY 2011-2016



(Millions)	2011	2012	2013	2014	2015	2016
GTRI	\$133.0	\$155.5	\$199.4	\$194.8	\$227.3	\$231.4
RI	\$353.8	\$415.6	\$414.4	\$347.3	\$351.6	\$346.2
<b>Total</b>	<b>\$486.8</b>	<b>\$571.1</b>	<b>\$613.8</b>	<b>\$542.1</b>	<b>\$578.8</b>	<b>\$577.6</b>

# GEORGIA INSTITUTE OF TECHNOLOGY

## FY 2016 ANNUAL REPORT

### FY 2016 Sponsored Programs Direct Costs by Major Source

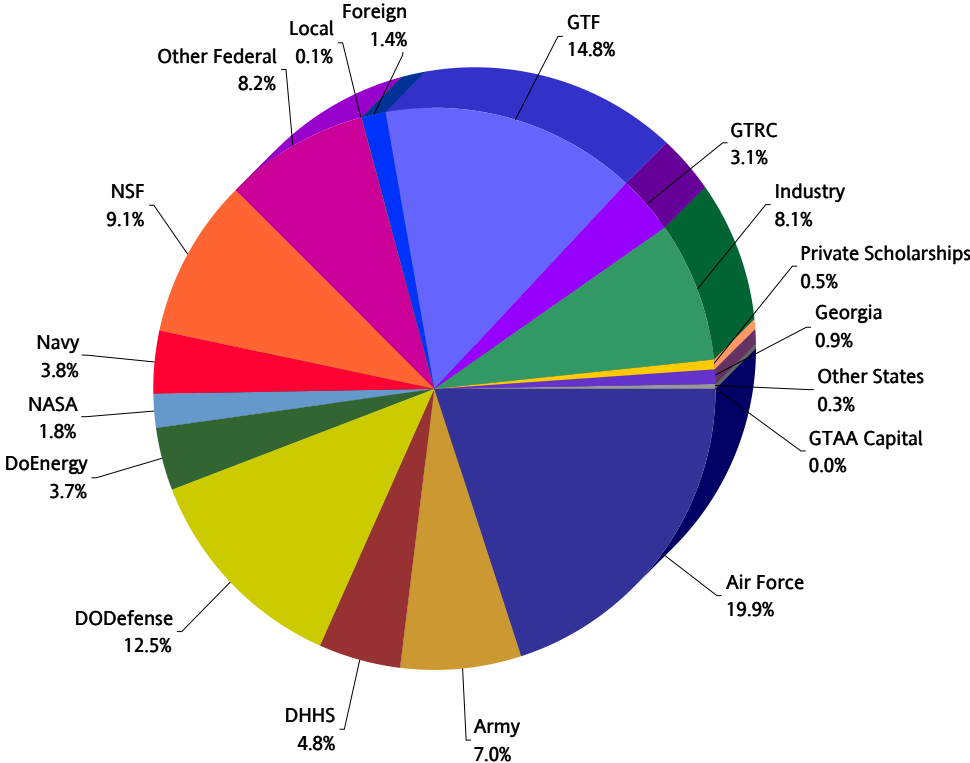
TOTAL \$577.6 Million

Federal Funds: \$408.4M (71%)

Private Funds: \$161.6M (28%)

State Funds \$6.8M (1%)

Local: \$0.8M (0%)



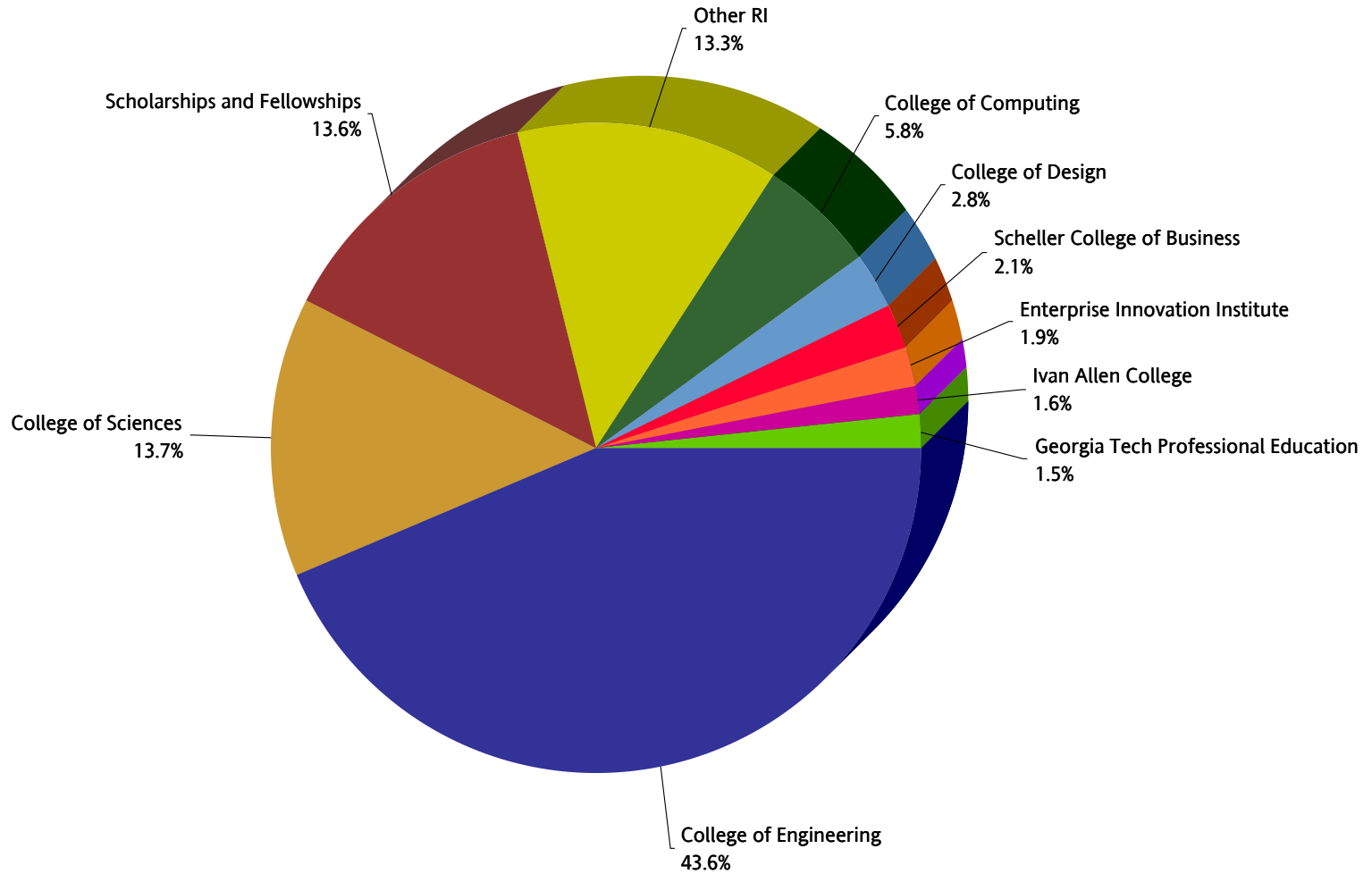
(Millions)	Air Force	Army	DHHS	DODefense	DoEnergy	NASA	Navy	NSF	Other Federal	Local	Foreign	GTF	GTRC	Industry	Private Scholarships	Georgia	Other States	GTAA Capital	Total
	\$115.0	\$40.2	\$27.7	\$72.3	\$21.2	\$10.2	\$21.9	\$52.4	\$47.5	\$0.8	\$8.1	\$85.5	\$18.0	\$47.0	\$2.7	\$5.1	\$1.7	\$0.3	<b>\$577.6</b>

# GEORGIA INSTITUTE OF TECHNOLOGY

## FY 2016 ANNUAL REPORT

### FY 2016 Resident Instruction and Other Units Direct Costs

TOTAL \$346,223,000



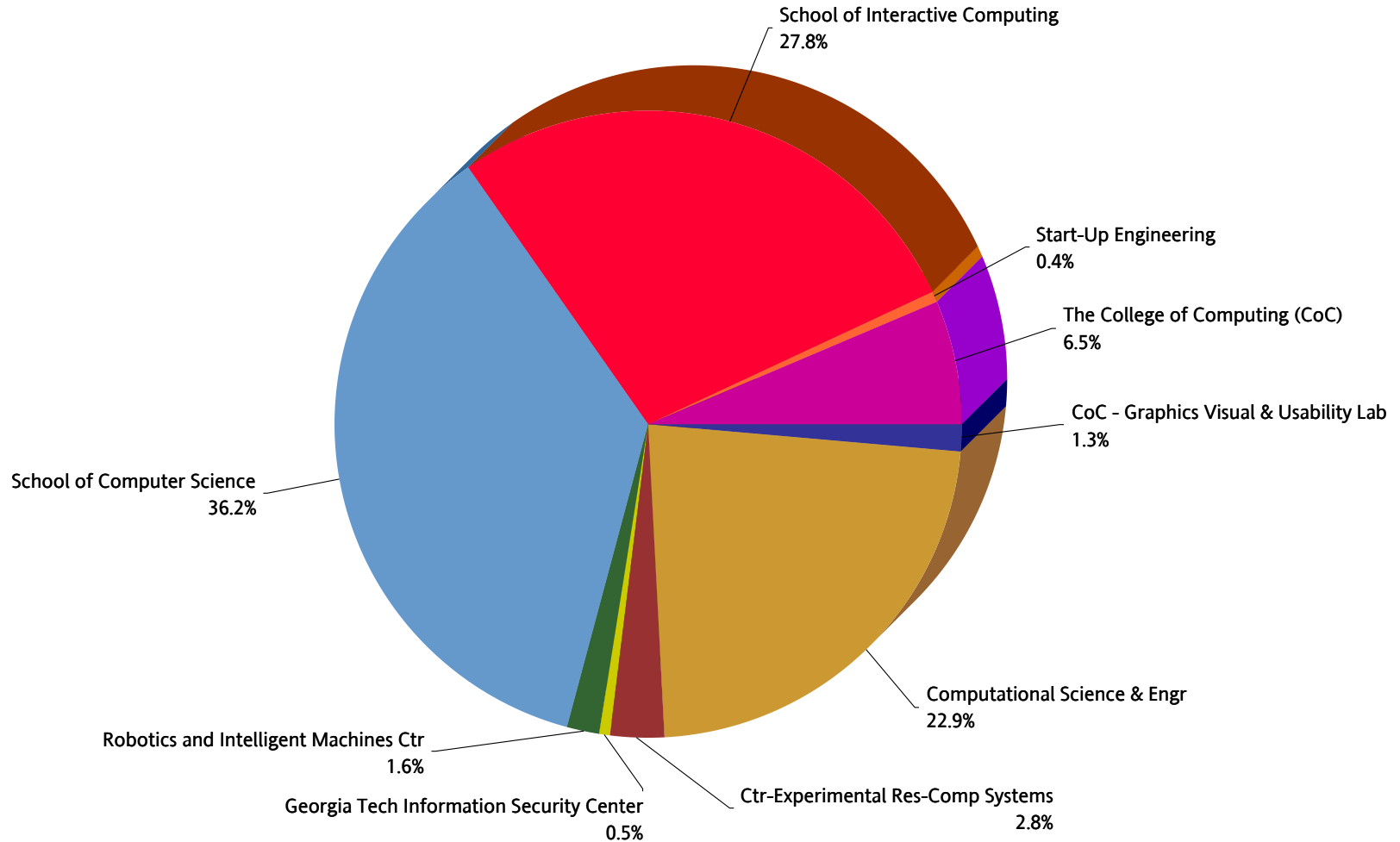


# GEORGIA INSTITUTE OF TECHNOLOGY

## FY 2016 ANNUAL REPORT

### FY 2016 College of Computing Direct Costs

TOTAL \$19,968,000

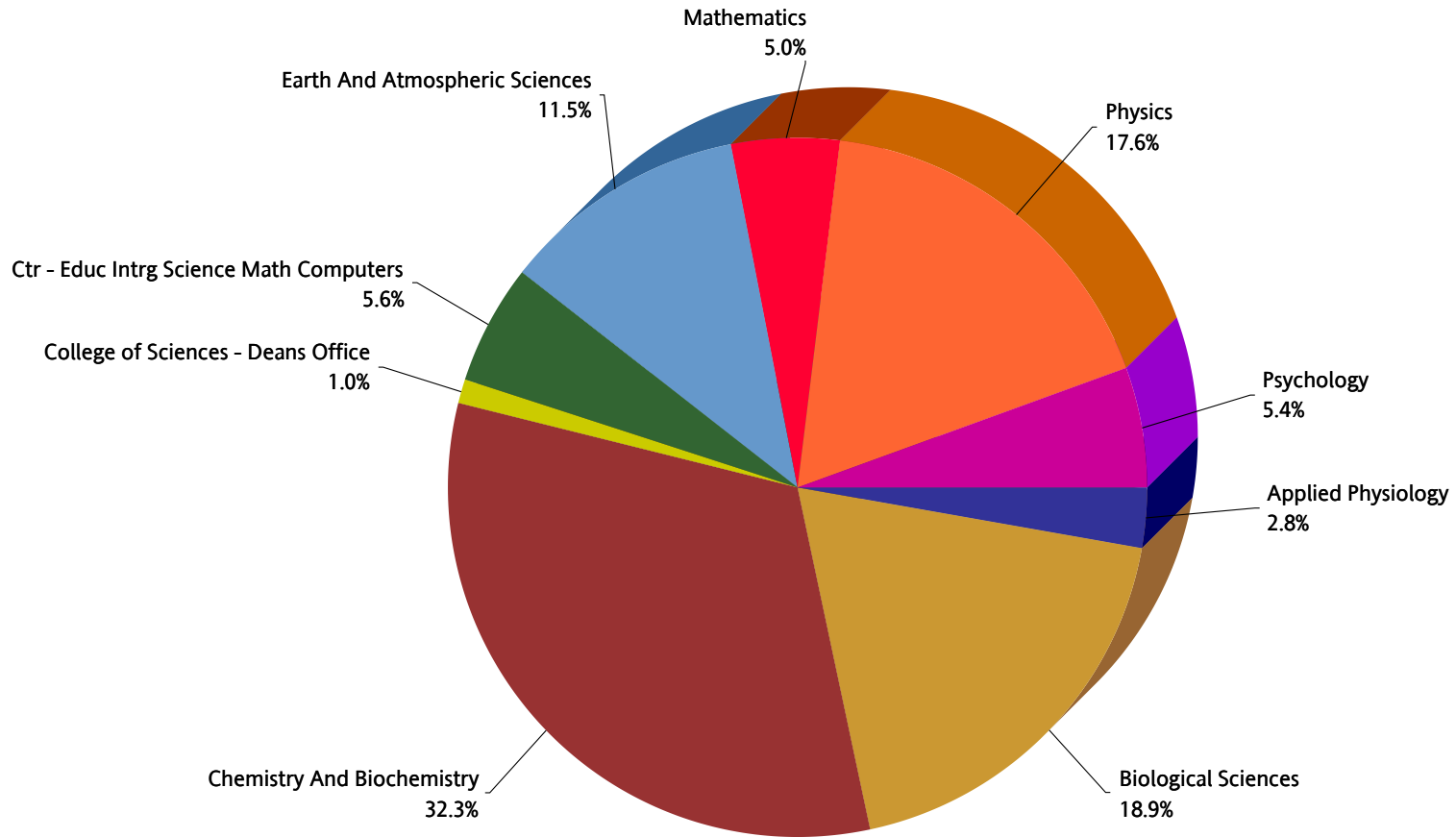


# GEORGIA INSTITUTE OF TECHNOLOGY

## FY 2016 ANNUAL REPORT

### FY 2016 College of Sciences Direct Costs

TOTAL \$47,568,000

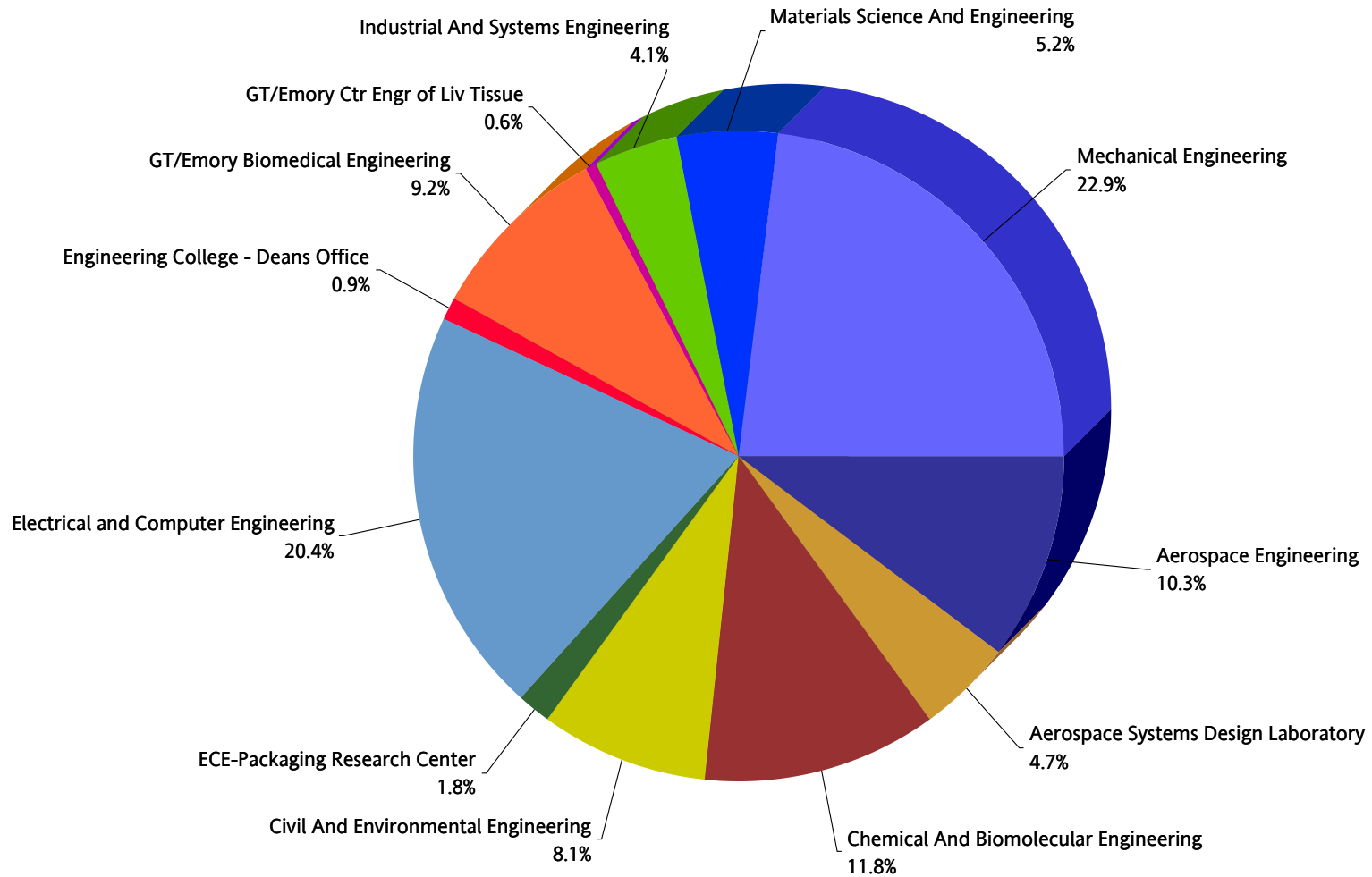


# GEORGIA INSTITUTE OF TECHNOLOGY

## FY 2016 ANNUAL REPORT

### FY 2016 College of Engineering Direct Costs

TOTAL \$151,047,000

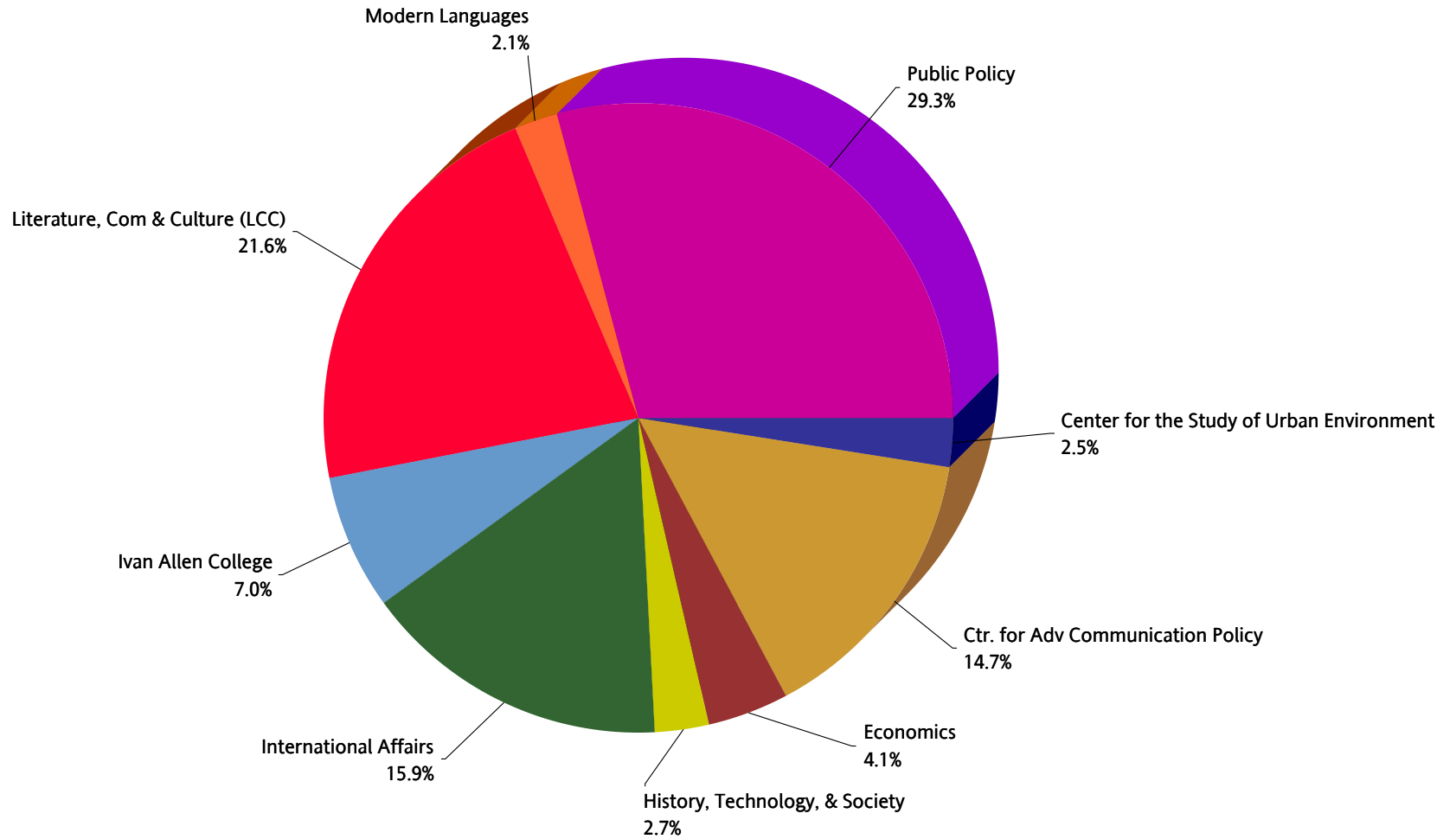


# GEORGIA INSTITUTE OF TECHNOLOGY

## FY 2016 ANNUAL REPORT

### FY 2016 Ivan Allen College Direct Costs

TOTAL \$5,638,000

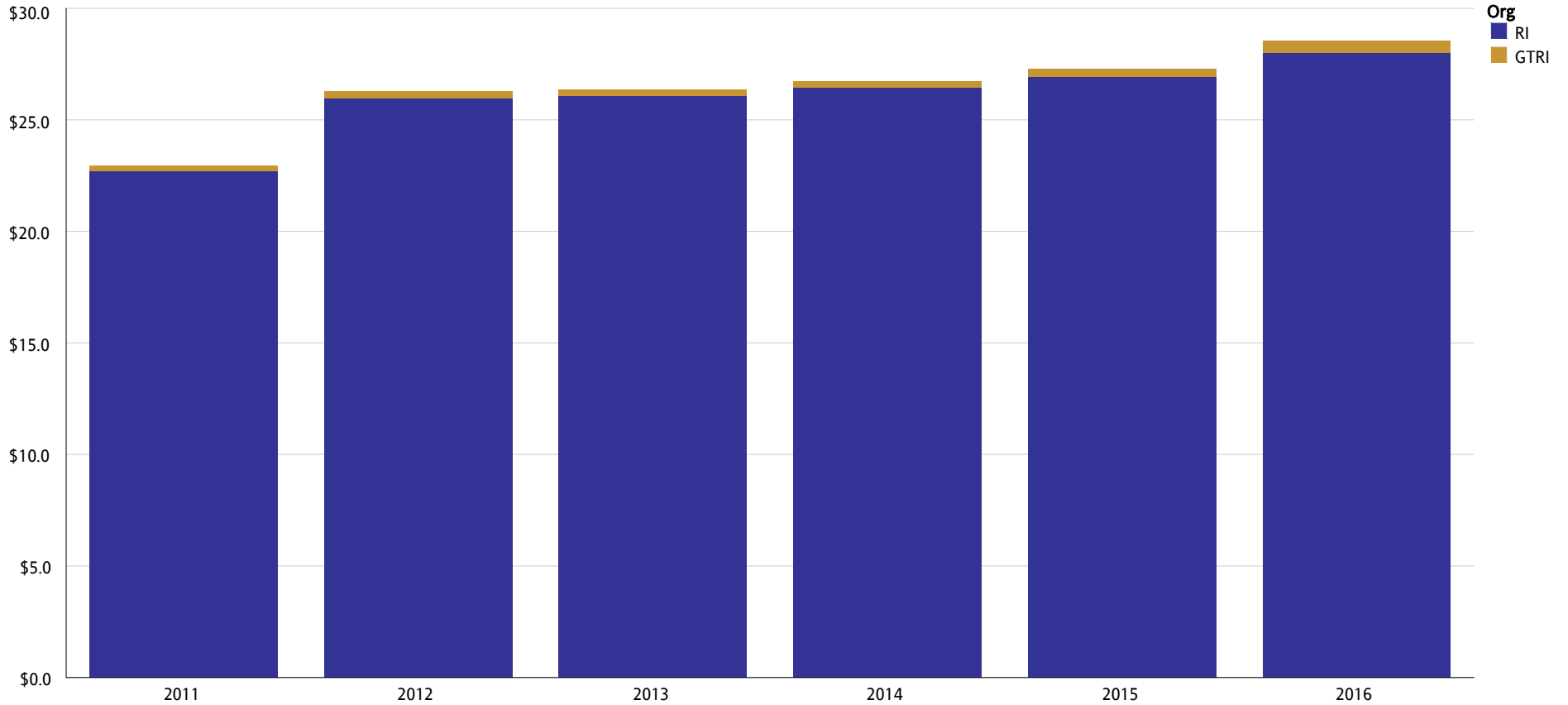


# GEORGIA INSTITUTE OF TECHNOLOGY

## FY 2016 ANNUAL REPORT

### Trend Analysis of Graduate Tuition Remission Recoveries

FY 2011-2016



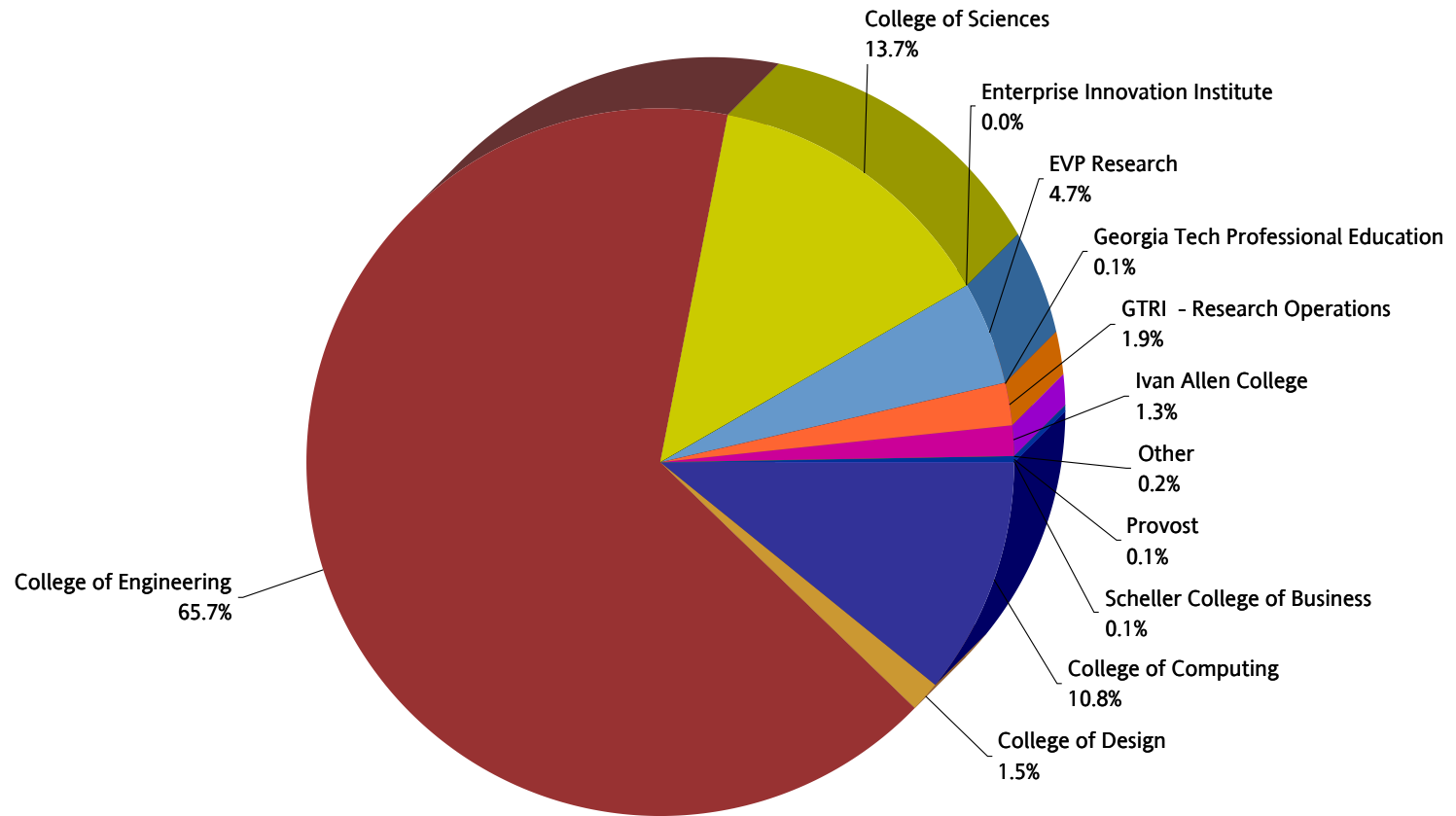
(Millions)	2011	2012	2013	2014	2015	2016
GTRI	\$0.3	\$0.3	\$0.3	\$0.3	\$0.4	\$0.5
RI	\$22.7	\$26.0	\$26.1	\$26.4	\$26.9	\$28.0
<b>Total</b>	<b>\$23.0</b>	<b>\$26.3</b>	<b>\$26.4</b>	<b>\$26.8</b>	<b>\$27.3</b>	<b>\$28.6</b>

# GEORGIA INSTITUTE OF TECHNOLOGY

## FY 2016 ANNUAL REPORT

### FY 2016 Graduate Student Remission Recoveries

TOTAL \$28,568,000



# **FACILITIES AND ADMINISTRATIVE COST RECOVERIES FISCAL YEAR 2016**

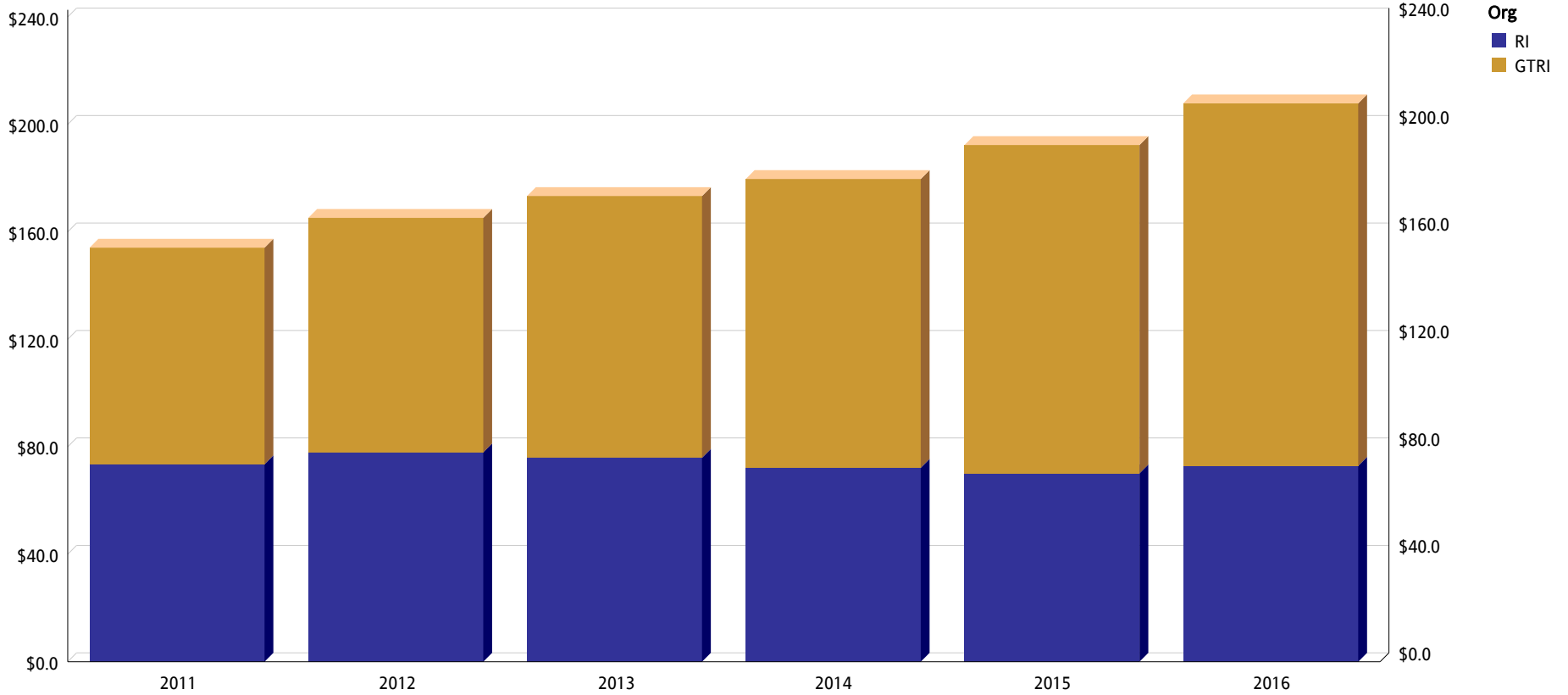
The totals reported in this section include Facilities & Administrative (indirect) cost recoveries for both the Institute and the Georgia Tech Research Corporation.

# GEORGIA INSTITUTE OF TECHNOLOGY

## FY 2016 ANNUAL REPORT

### Trend Analysis of Sponsored Programs F&A Cost Recoveries

FY 2011-2016



(Millions)	2011	2012	2013	2014	2015	2016
GTRI	\$80.6	\$87.3	\$97.4	\$107.5	\$122.2	\$134.9
RI	\$73.5	\$77.9	\$75.9	\$72.2	\$70.1	\$73.0
<b>Total</b>	<b>\$154.1</b>	<b>\$165.2</b>	<b>\$173.3</b>	<b>\$179.7</b>	<b>\$192.3</b>	<b>\$207.9</b>



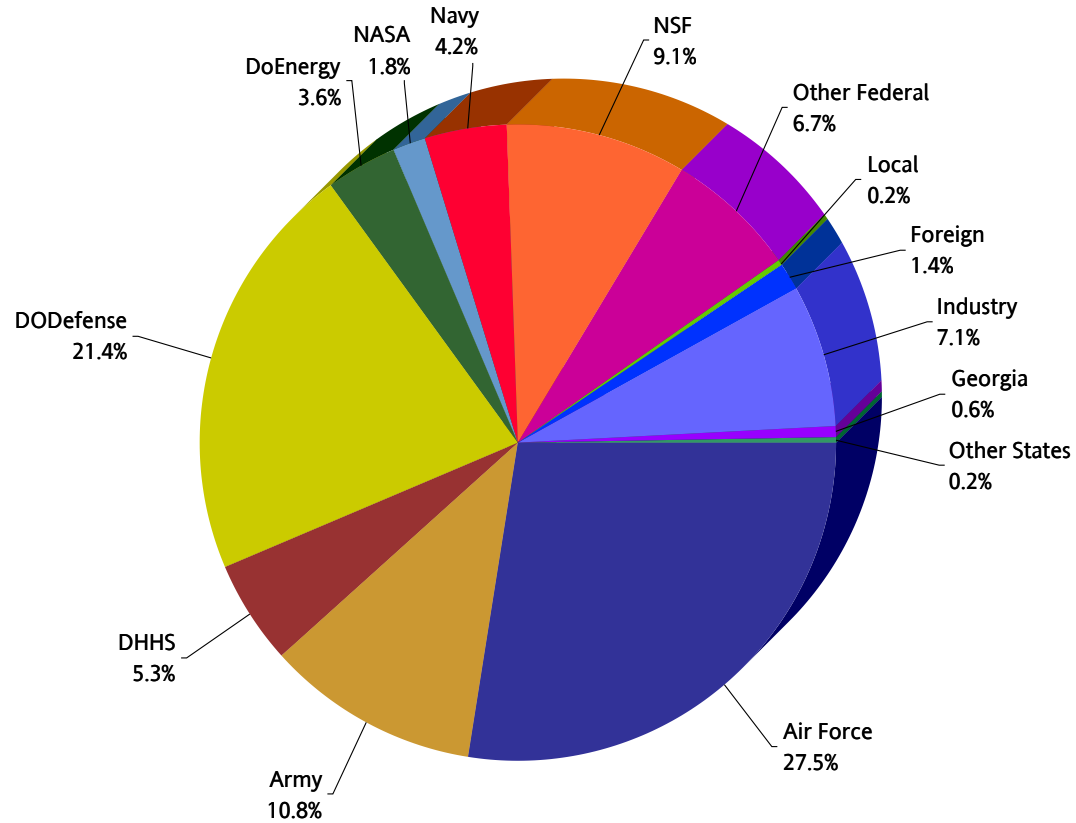
# GEORGIA INSTITUTE OF TECHNOLOGY

## FY 2016 ANNUAL REPORT

### FY 2016 Sponsored Programs F&A Costs by Major Source

TOTAL \$207.9 Million

Federal Funds: \$188.0M (90%)      Private Funds: \$17.6M (9%)      State Funds \$1.8M (1%)      Local: \$0.5M (0%)



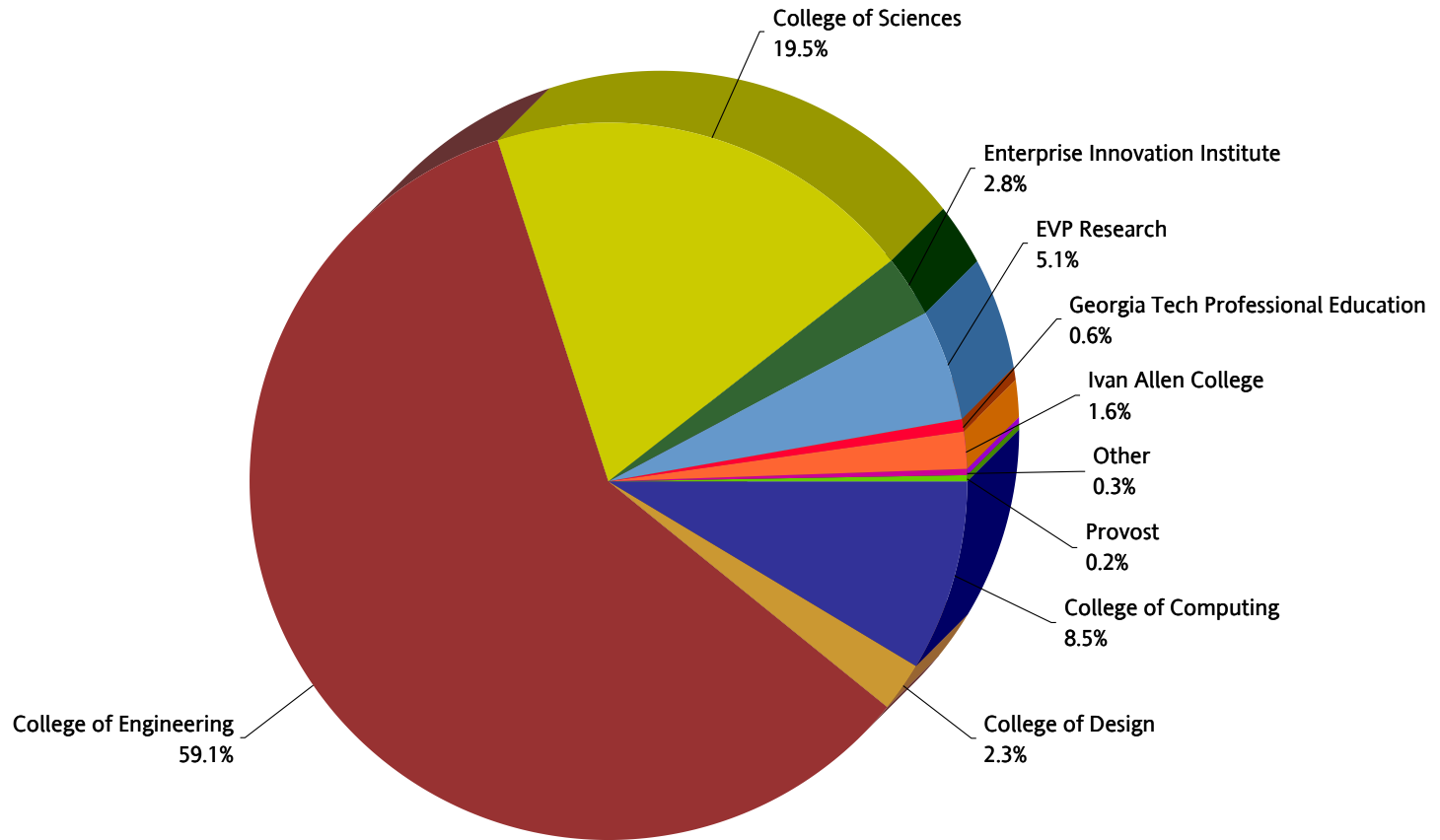
(Millions)	Air Force	Army	DHHS	DODefense	DoEnergy	NASA	Navy	NSF	Other Federal	Local	Foreign	Industry	Georgia	Other States	Total
	57.2	22.4	11.0	44.4	7.6	3.7	8.7	18.9	14.0	0.5	2.8	14.8	1.3	0.5	<b>\$207.9</b>

# GEORGIA INSTITUTE OF TECHNOLOGY

## FY 2016 ANNUAL REPORT

### FY 2016 Resident Instruction and Other Units F&A Costs

TOTAL \$72,919,000

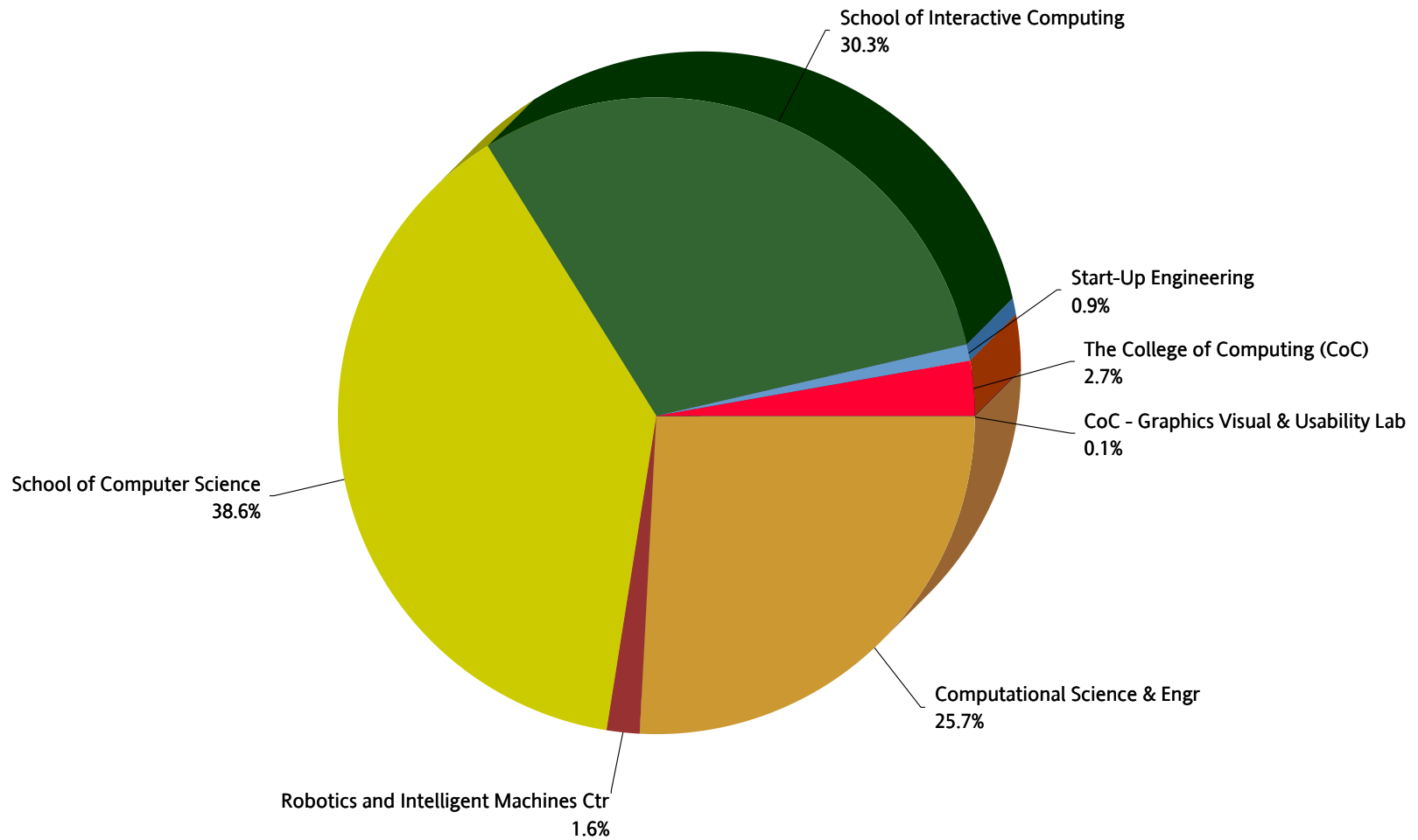


# GEORGIA INSTITUTE OF TECHNOLOGY

## FY 2016 ANNUAL REPORT

### FY 2016 College of Computing F&A Costs

TOTAL \$6,184,000

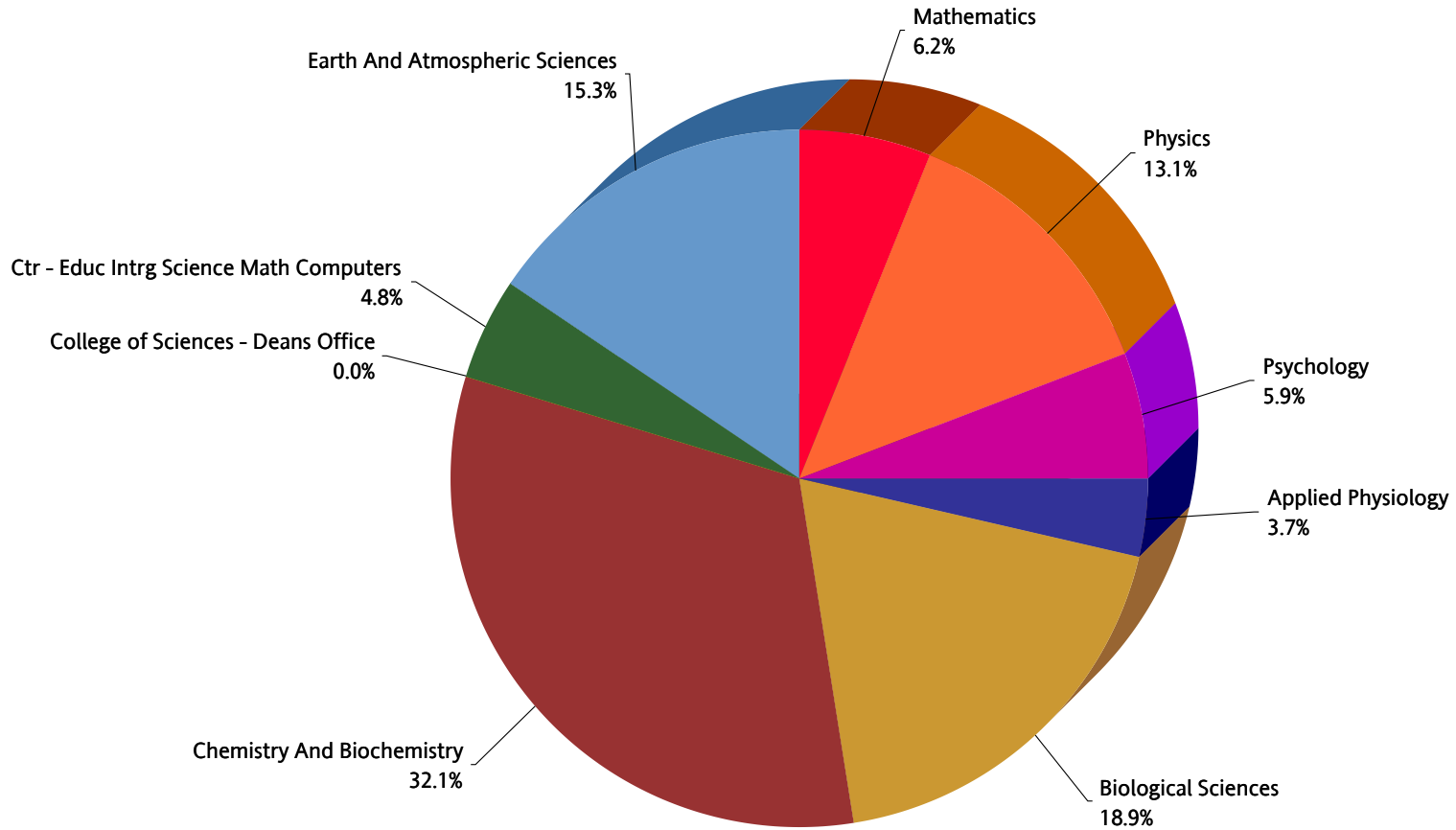


# GEORGIA INSTITUTE OF TECHNOLOGY

## FY 2016 ANNUAL REPORT

### FY 2016 College of Sciences F&A Costs

TOTAL \$14,204,000

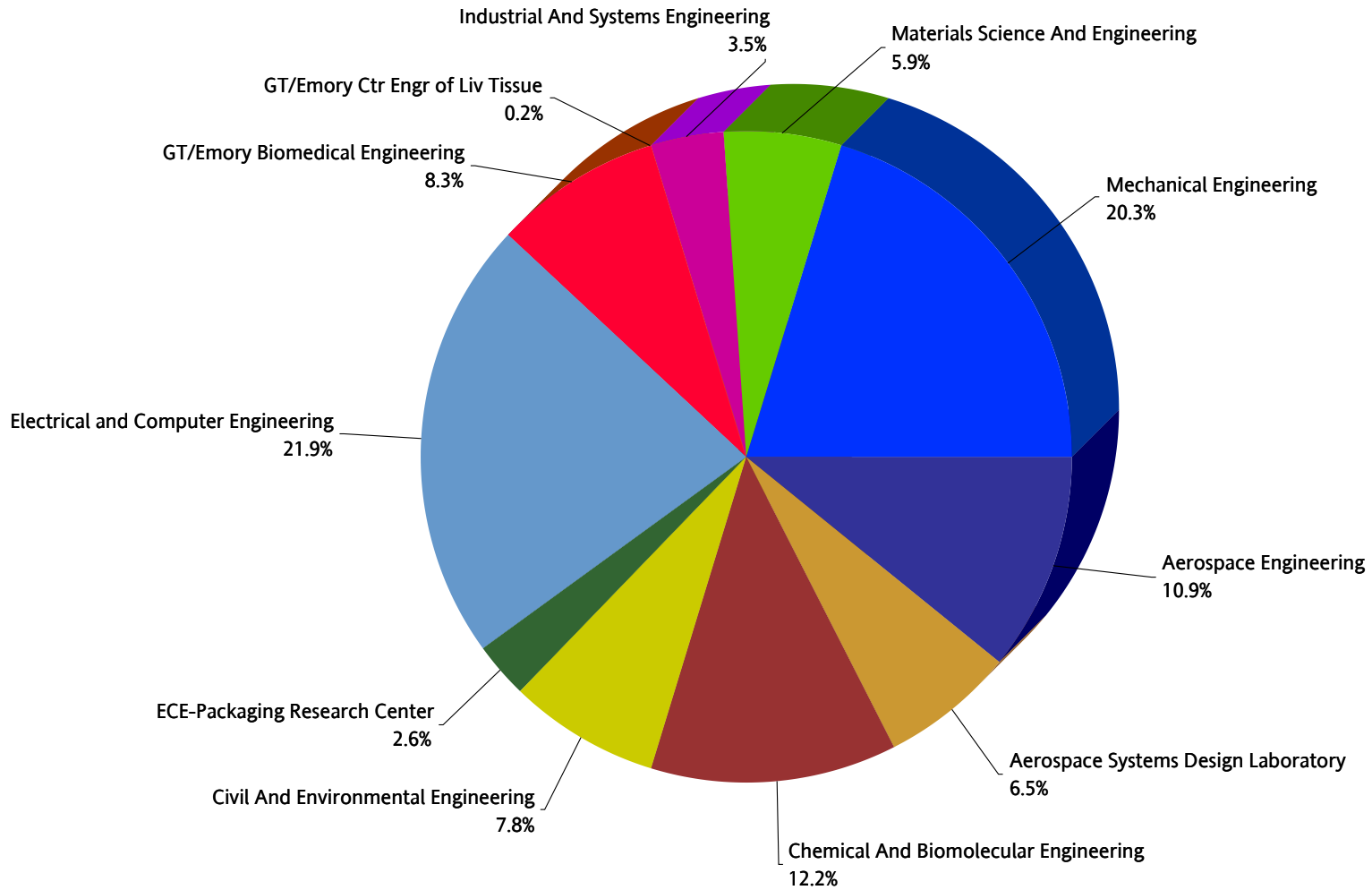


# GEORGIA INSTITUTE OF TECHNOLOGY

## FY 2016 ANNUAL REPORT

### FY 2016 College of Engineering F&A Costs

TOTAL \$43,095,000

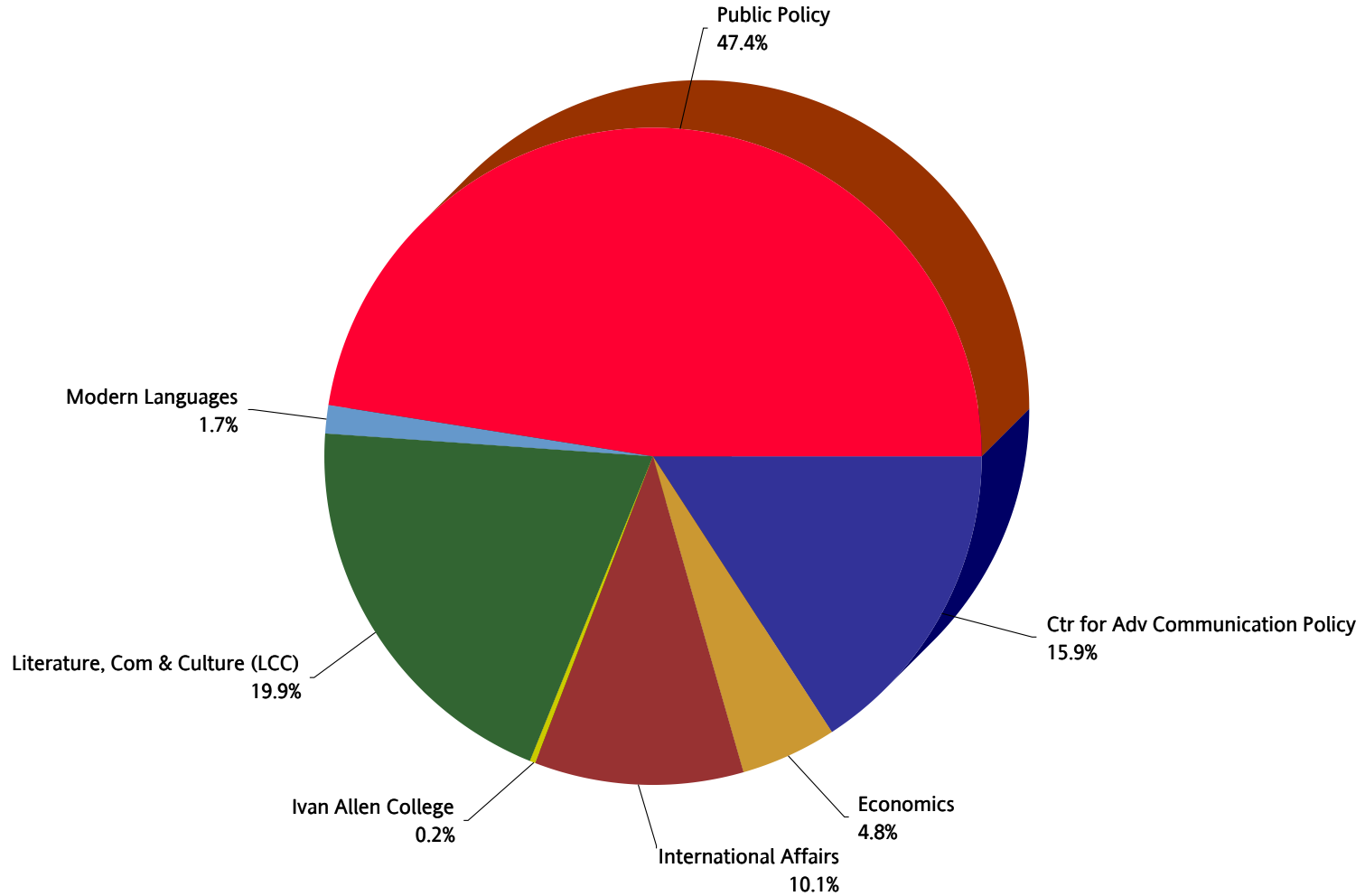


# GEORGIA INSTITUTE OF TECHNOLOGY

FY 2016 ANNUAL REPORT

## FY 2016 Ivan Allen College F&A Costs

TOTAL \$1,183,000



# GEORGIA INSTITUTE OF TECHNOLOGY

## Reporting Context

FY 2016

### Sponsored Program Expenditures

#### Research

Direct	\$	466,098,037
Indirect *		205,337,777
<b>Total</b>		<u><u>671,435,814</u></u>

#### Other Sponsored

Direct		64,331,064
Indirect		2,512,768
<b>Total *</b>		<u><u>66,843,832</u></u>

**Total Sponsored** 738,279,646

#### Scholarships & Fellowships

47,174,927

#### Total

Direct		577,604,029
F&A Costs*		207,850,545
<b>Total</b>	<b>\$</b>	<u><u>785,454,574</u></u>

\* Includes GTRC/GTARC Indirect Collections of \$57,861,825 and Excludes GTAA Personal Services of \$18,334,100

### Research Expenditures

#### Sponsor Funded

Direct \$ 466,098,037

#### Institute Funded Research

##### Resident Instruction

Architecture	4,697,005
Computing	8,213,827
Engineering	69,115,202
Sciences	33,990,731
Ivan Allen	1,798,220
Business	236,639
Other Centers**	39,122,898
<b>Total RI</b>	<u><u>157,174,522</u></u>

GTRI 114,350,176

GTPE -

EII 1,755,938

Total Institute Sponsored 273,280,636

Total Research \$ 739,378,673

\*\* Includes Georgia Research Alliance and Research Support. Lottery funds distributed to departments/units.