



# Rensselaer

## **2016 ANNUAL REPORT**

November 1, 2016

**Rensselaer Polytechnic Institute**

**110 8th Street | Troy, NY 12180-3590 | Troy Bldg 5<sup>th</sup> Floor**

**Phone (518) 276-6119 | Fax (518) 276-8200**

# Rensselaer Polytechnic Institute 2016 Annual Report

Dated: November 1, 2016

## Table of Contents

---

### General Information

Introduction.....	3
Overview.....	3
Governance .....	5

### Operating Information

Enrollment and Admissions.....	6
Tuition and Fees.....	7
Financial Aid.....	8
Gifts and Endowment; Endowment Spending Allocation .....	8
Contracts and Grants.....	9
Physical Plant.....	10
Financial Operations .....	10
Financial Update .....	11
Outstanding Indebtedness .....	14
Pension Plans .....	14
Litigation.....	14

### Exhibit to 2016 Annual Report -

*Combined Financial Statements - For the Years Ended June 30, 2016 and 2015*

# THE INSTITUTE

## General Information

### Introduction

This Annual Report is dated November 1, 2016, and contains information through that date. This report constitutes the official disclosure information regarding the financial condition of Rensselaer Polytechnic Institute (“Rensselaer” or the “Institute”). It includes a discussion of recent trends in the areas of enrollment and admissions, tuition and fees, financial aid, gifts and endowment, physical plant, financial operations, government contracts and grants, and outstanding indebtedness. It is also appended with Rensselaer’s audited financial statements for the fiscal years ending June 30, 2016 and 2015, along with a report of the Institute’s independent auditors.

### Overview

Rensselaer Polytechnic Institute, a New York education corporation, enrolls 6,200 undergraduates and 1,000 graduate students in residential programs at its Troy, New York campus, while enrolling 130 graduate students at its Hartford, Connecticut campus. The main Troy campus is comprised of five schools: Architecture; Engineering; Humanities, Arts and Social Sciences; Lally School of Management. More than 145 degree programs in nearly 60 fields and over 1,000 courses lead to bachelors, masters, and doctoral degrees in all five schools. Rensselaer’s campus in Hartford, Connecticut focuses on graduate and continuing education, including a professional development program.

As a research university, Rensselaer attracts a faculty whose research programs range from microelectronics to computational modeling and simulation, data science, nanotechnology, biomedical engineering, information technology, advanced materials, environmental studies, lighting, electronic arts, games and simulation arts. Rensselaer focuses on inter-disciplinary research and has made research investments supported by strong industry partnerships in microelectronics, automation, and scientific computation.

Rensselaer is consistently ranked by *U.S. News & World Report* as one of the top 50 national universities in the United States. The 2016 ranking was 39<sup>th</sup> among national universities. The Institute’s undergraduate engineering program was ranked 32<sup>nd</sup> in the country.

### History

Rensselaer was founded in 1824 in Troy, New York. It is the nation’s oldest English speaking technological research university. The Institute was created with a mission to provide educational opportunities for those “who may choose to apply themselves in the application of science to the common purposes of life.” Rensselaer’s founders believed in “learning by doing, not by telling,” and pioneered the use of the laboratory method of teaching science.

### The Rensselaer Plan

On May 12, 2000, the Rensselaer Board of Trustees unanimously approved The Rensselaer Plan (the “Plan”), a strategic plan that articulated a vision for Rensselaer’s future, as well as the means to achieve it. The Plan sought to build on Rensselaer’s strengths and its distinctive, high quality education, while expanding its research enterprise and cultivating entrepreneurial growth. The overarching goal of the Plan was to enable Rensselaer to achieve greater prominence in the 21<sup>st</sup> century as a world-class technological research university with global reach and global impact. A refresh of the Rensselaer Plan, Rensselaer 2024, was approved by the Board of Trustees in December 2012. This updated plan will serve as a “strategic roadmap” for Rensselaer in the future.

In accordance with the original Plan, Rensselaer has made over \$760 million in capital investment to provide, enhance, enable, animate and secure the platforms, facilities, and Institute physical infrastructure for student, faculty and staff benefit. Over the past 10 years, Rensselaer has solidified its place among the

important technological universities of the 21st century by investing in world-class faculty, broad-based programs, state-of-the-art research platforms, and strategic partnerships. Over the course of *The Rensselaer Plan* 340 new faculty members have been hired. There have been 49 named chairs appointed. The hiring of outstanding junior people has revitalized the faculty. Over a decade, 69 faculty members have been honored with the prestigious National Science Foundation Career Award.

In addition, over the past twelve years Rensselaer's Troy based annual research expenditures, comprised of grants, contracts, corporate support, industry memberships, and foundation support, have increased from \$21 million to \$78 million in fiscal year 2016. We have invested in five signature research thrusts – Biotechnology and the Life Sciences; Computational Science and Engineering; Media Arts, Science, and Technology; Energy, Environment, and Smart Systems; and Nanotechnology and Advanced Materials – areas which intersect decisively with existing Rensselaer research excellence. Rensselaer's newest initiative – The Jefferson Project was launched in June 2013. This initiative brings together expertise in the fields of biology, freshwater ecology, computer science, physics, engineering, cyber-physical systems and environmental advocacy to develop a model that will preserve lakes around the world and secure the global supply of fresh water.

Research platforms have been built in biotechnology (CBIS), computation (CCI), and media and the arts (EMPAC) to enable Rensselaer researchers to think broadly and be intellectual leaders. These platforms have helped to enable Rensselaer to win highly competitive center grants, such as the NSF-funded Nanoscale Science and Engineering Center and the Smart Lighting Engineering Research Center; the U.S. Army-funded Social and Cognitive Networks Academic Research Center; the NIH- and industry-funded Bioengineering Heparin Consortium; the focus on sustainable built environments through the Center for Architecture Science and Ecology; and the New York State-supported New York Center for Astrobiology, the Center for Automation Technologies and Systems, and the Center for Future Energy Systems. In October 2013 Rensselaer unveiled a new petascale supercomputing system, the Advanced Multiprocessing Optimized System, or AMOS. AMOS is the most powerful university based supercomputer in New York state, and among the most powerful in the world. Also in 2013 Rensselaer announced the launch of “IDEA: The Rensselaer Institute for Data Exploration and Applications”. This initiative will bring together Rensselaer talents and strengths in web science, high-performance computing, cognitive computing, data science and predictive analytics and link them to applications at the interface of engineering and the physical, life and social sciences. Rensselaer recently announced a multi-year collaboration with IBM designed to pioneer new frontiers in the scientific field of immersive cognitive systems. The research will be housed in the newly established Cognitive and Immersive Systems Lab (CISL) on Rensselaer's campus. CISL's mission is to explore and advance natural, collaborative problem-solving among groups of humans and machines.

During 2013 Rensselaer unveiled The Rensselaer Plan 2024 that will continue the transformation of the institute. The revised Plan is evergreen, prepared to grow and evolve, as the Institute grows and evolves. The Rensselaer Plan 2024 moves from transforming Rensselaer to Rensselaer being transformative in the areas of our students lives, innovative pedagogy and the global impact of our research. Part of the 2024 Plan is the concept that we are calling “The New Polytechnic”. This is a new paradigm for teaching, learning and research that will enable collaborations between talented people across disciplines, sectors and global regions, in order to address the complex problems the world faces.

In September 2015 Rensselaer announced an exciting new academic initiative – The Summer ARCH Program. This is a new plan of study that will allow rising juniors to attend a full summer semester at Rensselaer between their sophomore and junior years, followed by either a fall or spring away semester during their junior year. This will allow these students to take advantage of the numerous co-curricular and experiential activities off campus, including international experiences, internships and co-ops.

## **Accreditation**

Rensselaer's Troy campus is accredited by the Middle States Commission on Higher Education, the National Architectural Accrediting Board, the Accreditation Board for Engineering and Technology, the American Assembly of Collegiate Schools of Business, and the Committee on Professional Training of the

American Chemical Society. Its degree programs are approved by the New York State Department of Education.

Rensselaer at Hartford is accredited by the Middle States Commission on Higher Education, the Office of Financial and Academic Affairs for Higher Education of the State of Connecticut, and the Association to Advance Collegiate Schools of Business.

### Governance

The President of Rensselaer is appointed by the Board of Trustees.	<b>Position:</b>
Shirley Ann Jackson, Ph.D.	President
Prabhat Hajela	Provost
Claude D. Rounds	Vice President for Administration
Virginia C. Gregg	Vice President for Finance & Chief Financial Officer
Curtis N. Powell	Vice President for Human Resources
Graig R. Eastin	Vice President for Institute Advancement
Jonathan Dordick	Vice President for Research
Frank E. Ross	Vice President for Student Life
Richie C. Hunter	Vice President for Strategic Communications and External Relations
Craig A. Cook	Secretary of the Institute and General Counsel
John Kolb	Vice President for Information Services and Technology, CIO
Jonathan D. Wexler	Vice President for Enrollment

Rensselaer is governed by its self-perpetuating Board of Trustees of no more than 35 members, including the Mayor of the City of Troy as an ex-officio member. Trustees are appointed to four year terms. Although terms are renewable, Trustees may not be re-elected to active status after reaching age 72.

### Faculty and Staff

Rensselaer has a permanent faculty and staff of approximately 430 and 1,300 members, at its Troy, New York campus and Hartford, Connecticut campus, respectively. Rensselaer’s faculty and staff are not represented by any organized labor groups and, therefore, there are no collective bargaining agreements for either faculty or staff.

The faculty at Rensselaer includes National Academy members, society fellows, and recipients of various other awards and distinctions. Academy membership recognizes those who have made important contributions to engineering theory and practice, and those who have demonstrated unusual accomplishment in the pioneering of new and developing fields of technology.

The student to faculty ratio is currently 15 to 1.

## Operating Information

### Enrollment and Admissions

The following summarizes undergraduate and graduate enrollment, based on headcount:

<u>Entering Fall</u>	<u>Undergraduate Students</u>	<u>Full-Time Graduate Students</u>	<u>Part-Time Graduate Students</u>	<u>Others*</u>	<u>Total</u>
2012	5,300	1,161	400	138	6,999
2013	5,379	1,138	372	106	6,995
2014	5,557	1,079	310	82	7,028
2015	5,781	1,020	218	94	7,113
2016	6,200	1,018	150	74	7,442

\* "Others" includes non-matriculated and distance learning students.

The following table shows freshmen applications received, accepted and enrolled at the Troy campus for the fall semesters of the current and past four years.

<u>Entering Fall</u>	<u>Applications</u>	<u>Acceptances</u>	<u>Acceptance Rate</u>	<u>New Enrollment</u>	<u>Yield</u>	<u>Mean SAT</u>
2012	15,222	6,634	43.6%	1,326	20.0%	1366
2013	16,150	6,654	41.2%	1,411	21.2%	1376
2014	18,602	6,976	37.5%	1,332	19.1%	1381
2015	17,752	7,432	41.8%	1,379	18.6%	1377
2016	18,524	8,215	44.3%	1,691	20.6%	1370

Rensselaer's undergraduate enrollment and yield trends reflect the current focus on enhancing the quality and diversity of its student body. Rensselaer also in the last 5-6 years changed its recruiting strategy to broaden its market and to gain introduction to student/parent consideration earlier in the selection process. The results have been positive, with total applications for the incoming fall 2016 at 18,524, a 22% increase over 2012.

At Rensselaer's Troy campus, the student body is comprised of students from 50 states, and 58 foreign countries. In the past five years Rensselaer's geographic concentration has shifted with our reliance on New York State reducing from 31% in 2012 to 29% in 2016 while the percentage of students from "Other US" and "International" has increased from 35% to 40% of the student body. A breakdown of major geographic concentration for the Troy campus undergraduate and graduate student body is as follows:

New York	29%
New England	19%
N.J./Pennsylvania	12%
Other U.S.	23%
International	17%
Total	<u>100%</u>

Rensselaer fields 23 NCAA intercollegiate teams, including NCAA Division I men’s and women’s hockey teams. The Institute has an active ROTC program and 33 fraternities and sororities. The Rensselaer Union, the home for student government and one of the few student run unions in the Northeast, was formed in 1890. An elected student president, who appoints a twelve member executive board, oversees it. This board manages an \$5.4 million annual budget that co-funds the intra-mural athletic programs, as well as 200 athletic, arts, multi-cultural, service, media, entertainment and special interest clubs and organizations.

### **Tuition and Fees**

The following table shows the basic tuition and fees charged to incoming undergraduate students for the current and past four years:

	<u>2012-13</u>	<u>2013-2014</u>	<u>2014-2015</u>	<u>2015-2016</u>	<u>2016-2017</u>
Tuition	\$43,350	\$45,100	\$46,700	\$48,100	\$49,520
Room & Board	\$12,450	\$12,960	\$13,620	\$14,095	\$14,630
Fees	<u>\$1,125</u>	<u>\$1,169</u>	<u>\$1,208</u>	<u>\$1,241</u>	<u>\$1,277</u>
Total	\$56,925	\$59,229	\$61,528	\$63,436	\$65,427

### **Financial Aid**

Rensselaer administers a substantial student aid program by which approximately 95% of the undergraduate student body receives need-based or merit-based loans and/or scholarships from the Institute or outside sources. The Institute participates in various federal and state programs providing aid to individual students. The federal programs include Perkins, Stafford, Supplemental Educational Opportunity Grants, Pell Grants, College Work Study Programs and VA Programs. The state programs include the New York State Merit Award for Excellence in Academics, the Tuition Assistance Program (TAP), and grants under the Higher Education Opportunity Program. Some students residing outside the state benefit from various loan and grant programs of their states of residence.

Future state and federal aid depends upon the annual appropriations by the New York State Legislature and the United States Congress, respectively, and the ability of the state and the federal governments to pay the amounts appropriated. No assurance can be given that the various federal and state

programs will be continued. The reduction or elimination of these programs could have a detrimental effect on the Institute.

The following chart provides an overview of Rensselaer’s internally funded undergraduate financial aid for the past five fiscal years (in thousands):

	<u>2011-12</u>	<u>2012-13</u>	<u>2013-14</u>	<u>2014-15</u>	<u>2015-16</u>
Unrestricted Financial Aid	\$82,160	\$87,211	94,258	103,384	115,076

### Gifts and Bequests

Gifts and bequests (net of present value) received as both cash, in-kind and recordable pledges in the past five fiscal years are noted below (in thousands):

	<u>2011-12</u>	<u>2012-13</u>	<u>2013-14</u>	<u>2014-15</u>	<u>2015-16</u>
Unrestricted	\$20,807	\$19,448	\$20,119	21,212	16,382
Temporarily Restricted	\$1,729	4,244	4,849	4,306	5,846
Permanently Restricted	\$4,808	24,201	14,466	32,187	21,611
Total	\$27,344	\$47,893	\$39,434	57,705	43,839

### Endowment

The market value for endowment and funds functioning as endowment as of the end of fiscal years ending June 30, 2012 through 2016 is shown below (in millions). Approximately 58% of these funds are permanently restricted.

<u>Fiscal Year</u>	<u>Market Value as of June 30</u>	<u>Spending Allocation</u>
2012	583.3	39.1
2013	616.8	37.7
2014	659.0	40.4
2015	676.5	35.5
2016	634.9	33.9

Rensselaer’s endowment spending allocation is calculated at a rate of 5% of the five-year rolling average market value of the endowment. The Board has committed to endowment withdrawals, from Board – designated endowment, in excess of the Institute’s spending formula, as necessary, to fund investment in Capital.



The June 30, 2016 market value of all endowment and funds functioning as endowment was invested as follows (in millions):

	<u>Market Value</u>	<u>Percentage</u>
US Equity	71,467	11.3
Non-US Equity	135,164	21.1
Private Equity	172,391	27.2
Real Assets	13,303	2.1
Marketable Alternatives	70,236	11.1
Fixed Income	75,043	11.8
Cash	34,416	5.4
Outside Trusts	62,895	10.0
Total	<u>634,916</u>	<u>100.0</u>

The Board of Trustees has overall responsibility regarding all decisions that affect the investment of all funds of the Institute. The Board fulfills its fiduciary obligation by delegating operating and supervisory responsibility to the Investment Committee to oversee the investments of Rensselaer.

### **Contracts and Grants**

During the fiscal year ended June 30, 2016 the Institute received, through contracts and grants, total revenues of \$ 77.8 million. This accounted for approximately 19% of the Institute's total operating revenues of \$ 404.7 million for that fiscal year. The Institute received \$ 16.2 million in indirect costs in fiscal year 2016 and \$ 18.6 6 million in fiscal year 2015. Indirect costs on government grants and contracts represent the allocation of overhead costs (library, institutional support, departmental administration, operation and maintenance of plant, and building and equipment depreciation) to the projects funded by such grants.

Rensselaer has been awarded approximately \$ 90.5 million and \$ 87.0 million of grants and contracts which have not been advanced or expended as of June 30, 2016 and 2015, respectively, and accordingly, not recorded in the attached financial statements.

Rensselaer conducts a significant amount of research funded by outside sponsors, primarily the federal government. The Institute expects that it will continue to receive significant amounts of federal funds supporting research. However, inasmuch as federally sponsored research is obtained through both grants and contracts, it may vary from year to year, and no assurance can be given that it will continue at the levels experienced in recent years.

The decrease in grants from fiscal 2015 to fiscal 2016 is attributed to the end of a fiscal agent relationship with the State Education Resource Center (SERC) in Connecticut. In the prior year the institute had approximately \$10M in grant related revenue for SERC.

Revenues received from contracts and grants for fiscal years ending in 2012 through 2016 are shown below (in thousands):

	2011-12	2012-13	2013-14	2014-15	2015-16
Federal Government	\$65,077	\$63,095	\$58,826	\$59,493	\$47,862
State Government	7,525	10,831	6,619	9,055	6,926
Private	6,812	5,496	5,313	7,574	6,847
Indirect Costs	18,817	19,046	18,720	18,624	16,187
Total	\$98,231	\$98,468	\$89,478	\$94,746	\$77,822

## Physical Plant

Rensselaer's 200 academic, residential, and administrative buildings are located on approximately 260 acres in Troy, New York. The Hartford campus consists of a nine story building and adjacent parking garage located on 14 acres in downtown Hartford, Connecticut. In addition, Rensselaer has a wholly owned high technology industrial park on 1,250 acres in North Greenbush, Rensselaer County, New York. At present, over 50 companies with over 1,700 employees occupy the technology park.

The following tabulation shows the assets included in physical plant as of each of the previous five fiscal years ended June 30 (in thousands of dollars):

Fiscal Year	Land	Buildings	Equipment	Construction in Progress	Accumulated Depreciation	Totals
2012	31,514	904,059	236,948	2,211	(441,743)	732,989
2013	31,628	909,525	231,797	4,062	(457,762)	719,250
2014	32,633	918,670	224,724	4,456	(471,202)	709,281
2015	33,389	925,602	228,390	4,482	(496,067)	695,796
2016	34,168	928,737	228,461	6,654	(518,361)	679,659

The above amounts shown for physical plant are stated at cost or, in the case of gifts, at market value on the date the gift was received, less accumulated depreciation, computed on a straight line basis over the estimated useful life of the asset.

The Institute currently insures its buildings and contents, exclusive of land, under blanket insurance policies in the total amount of \$1.4 billion. Such insurance provides for 100% of the replacement value of the buildings and contents.

## Financial Operations

As stated previously, the Rensselaer Board of Trustees unanimously approved the original Rensselaer Plan (the "Plan") on May 12, 2000. A refreshed version, Rensselaer 2024 was approved in December 2012. The Plan is long-term in its scope and approach, with the necessary flexibility to adapt to changing conditions and factors. It also guides Institute decisions and provides the framework for school and divisional "performance plans" that serve as the basis for each year's operating plan and budget.

The Institute established a new performance-based operating and comprehensive capital budgeting and reporting process that links directly to the performance plans and allows meaningful assessment of progress against the Plan. For each of the past seventeen fiscal years, the academic schools and administrative

divisions have created and implemented performance plans designed to focus on the Plan's goal of establishing Rensselaer as a top-tier, world class technological research university with global reach and global impact. The Finance Committee of the Board of Trustees monitors the budget process and financial implications, with the full Board approving the annual operating and capital budgets. Rensselaer Plan 2024 will continue this transformation, not only of Rensselaer but also of its influence upon the National and International community.

## **Financial Update**

Rensselaer's financial results for fiscal year 2016 reflect strong and continued successful fiscal management. For the seventeenth year in a row, the internal operating budget was balanced. Full time undergraduate and graduate program enrollment remain strong. Education for working professionals is focused on select engineering and science disciplines where Rensselaer has a strong reputation. Grant and contract revenue reflect diversification in funding sources.

Net operating results continued to show improvement in fiscal year 2016. Student related revenues increased two percent, reflecting continued robust demand for full time undergraduate and graduate programs, tempered by a continued decline in education for working professional program enrollment on Rensselaer's Hartford campus, which is now focused on a fewer number of higher impact engineering and science master's degree programs. Grant and contract activity decreased eighteen percent from the prior year, primarily as a result of the termination of a fiscal agent relationship with SERC, previously mentioned. Exclusive of the SERC contract, revenues were comparable year-to-year.

Total operating expenses decreased three percent over the prior year, reflecting Rensselaer's commitment and ability to tightly control operating spending and administrative hiring in order to mitigate tuition rate increases, as well as reduced grant expenses relating to the SERC contract that ended in FY 2016. Exclusive of the SERC contract operating expenses decreased 1 percent.

Market performance was negative 2.9 percent for the fiscal year, in line with preliminary median performance estimates for other colleges and universities. Total institutional assets stood at \$ 1.436 billion at June 30, 2016. Rensselaer's endowment stood at \$635 million. Net assets were negatively impacted by an increase in the legacy defined benefit pension plan liability, due to a decline in interest rates and flat investment performance and the negative return on the endowment. The financial statements of the Institute are prepared in accordance with the provisions of the *American Institute of Certified Public Accountants Audit and Accounting Guide for Not-for-Profit Organizations*. The financial statements as of June 30, 2016 and 2015 and for the years then ended, have been audited by PricewaterhouseCoopers LLP, independent accountants, as stated in their report appearing herein.

**RENSELAER POLYTECHNIC INSTITUTE**  
**Combined Statements of Financial Position at June 30, 2012 -2016**  
**(In thousands)**

<u>Assets</u>	2012	2013	2014	2015 (1.)	2016
Cash and cash equivalents	10,224	10,359	3,311	15,670	6,131
Accounts receivable, net					
Student related and other	5,460	3,192	3,973	4,375	2,726
Research and other agreements	22,186	14,499	14,594	15,686	17,529
Contributions receivable	16,220	22,075	7,734	28,946	38,441
Contr. from external remainder trusts	8,099	8,670	14,702	14,562	14,757
Inventories	1,813	1,877	1,855	535	
Prepaid expenses and other assets	13,305	9,315	10,928	6,514	7,084
Deposits with bond trustees					
Student loans receivable, net	27,339	26,851	27,915	28,584	29,655
Investments, at market	587,692	616,363	665,171	681,332	639,567
Land, buildings and equipment, net	732,989	719,250	709,281	695,796	679,659
<b>Total assets</b>	<b>1,425,326</b>	<b>1,432,451</b>	<b>1,459,464</b>	<b>1,492,000</b>	<b>1,435,549</b>
Accounts payable and accrued expenses	41,940	39,378	39,163	37,336	34,913
Split Interest Agreement obligations	7,091	6,933	6,633	6,389	6,736
Deferred revenue	20,709	24,342	21,569	27,248	24,954
Short-term portion of long-term debt	8,434	8,799	8,944	9,607	9,074
Deposits	16,968	13,179	15,062	15,970	17,409
Minimum pension liability	117,795	91,069	73,840	117,112	153,954
Accrued postretirement benefits	15,864	14,658	14,475	15,932	15,340
Refundable government loan funds	28,219	28,808	29,389	29,993	30,535
Capital Leases	19,296	19,053	20,930	20,567	20,165
Long-term debt	770,965	759,410	758,326	768,118	749,092
<b>Total liabilities</b>	<b>1,047,280</b>	<b>1,005,629</b>	<b>988,331</b>	<b>1,049,194</b>	<b>1,062,172</b>
Endowment, Plant and Other Operations	185,138	186,652	197,143	193,432	167,578
Defined Benefit Pension Plan	(278,074)	(264,398)	(275,169)	(328,941)	(373,083)
Total Unrestricted	(92,936)	(77,746)	(78,026)	(135,509)	(205,505)
Temporarily restricted	160,021	165,503	185,516	184,091	166,992
Permanently restricted	310,961	339,065	363,643	395,146	411,890
<b>Total net assets</b>	<b>378,046</b>	<b>426,822</b>	<b>471,133</b>	<b>443,728</b>	<b>373,377</b>
<b>Total liabilities and net assets</b>	<b>1,425,326</b>	<b>1,432,451</b>	<b>1,459,464</b>	<b>1,492,000</b>	<b>1,435,549</b>

**(1.) ON JULY 1, 2015 THE INSTITUTE ADOPTED A NEW ACCOUNTING STANDARD RELATED TO “SIMPLIFYING THE PRESENTATION OF DEBT ISSUANCE COSTS”**

**RENSELAER POLYTECHNIC INSTITUTE**  
**Condensed Statements of Activities for the year ended June 30, 2011-2015**  
**(In thousands)**

<u>Operating Revenue</u>	2012	2013	2014	2015	2016
Student related revenue, net	232,524	242,321	252,283	258,315	263,310
Gifts	22,539	23,692	24,968	25,518	22,228
Grants and contracts	98,331	98,468	89,478	94,746	77,822
Investment return	54,104	38,850	30,356	28,935	29,452
Rensselaer Technology Park	4,001	4,253	4,227	4,276	4,155
Other	3,459	547	3,111	1,846	7,713
<b>Total operating revenue</b>	<b>414,958</b>	<b>408,131</b>	<b>404,423</b>	<b>413,636</b>	<b>404,680</b>
<u>Operating Expenses</u>					
Instruction	134,365	135,183	139,784	139,388	133,252
Research	130,312	127,601	129,684	122,694	109,462
Student services	22,256	22,357	22,972	23,010	22,908
Institutional and academic support	89,827	94,093	78,377	76,974	81,031
Externally funded scholarships and Fellowships	11,595	11,301	13,012	12,244	13,404
Auxiliary services	39,231	40,908	41,496	42,531	43,117
Rensselaer Technology Park	6,999	6,637	6,272	6,475	6,190
<b>Total operating expenses</b>	<b>434,585</b>	<b>438,080</b>	<b>431,597</b>	<b>423,316</b>	<b>409,364</b>
<b>Change in net assets from operating activities</b>	<b>(19,627)</b>	<b>(29,949)</b>	<b>(28,076)</b>	<b>(9,680)</b>	<b>(4,684)</b>
<u>Non-operating</u>					
Realized and unrealized gains, (losses), net	(57,295)	16,525	53,076	2,254	(45,001)
Adjustment for minimum pension liability	(63,983)	36,038	(5,343)	(53,022)	(37,299)
Life income and endowment gifts	2,540	24,201	14,905	32,187	21,611
Change in value of life income contracts	826	2,190	9,330	(637)	(4,872)
Loss on disposal of fixed assets	(396)	(229)	(483)	1,493	(106)
<b>Change in net assets from non-operating activities</b>	<b>(118,308)</b>	<b>78,725</b>	<b>71,485</b>	<b>(17,725)</b>	<b>(65,667)</b>
Cumulative effect of a change in Accounting principle					
<b>Total change in net assets</b>	<b>(137,935)</b>	<b>48,776</b>	<b>44,311</b>	<b>(27,405)</b>	<b>(70,351)</b>
Net assets at beginning of year	515,981	378,046	426,822	471,133	443,728
<b>Net assets at end of year</b>	<b>378,046</b>	<b>426,822</b>	<b>471,133</b>	<b>443,728</b>	<b>373,377</b>

(1) The Condensed Statement of Activities represents the aggregate total of unrestricted, temporarily restricted, and permanently restricted activity

## **Outstanding Indebtedness**

As of June 30, 2016, Rensselaer had total outstanding indebtedness in the aggregate principal amount of \$ 758,166,000 net of bond discount or capitalized issuance costs of \$ 1.0 million, where applicable. See the attached *Combined Financial Statements For the Years Ended June 30, 2016 and 2015* – Note 8-Bonds and Notes Payable for a more detailed discussion of outstanding indebtedness as of June 30, 2016.

As additional security for certain of its borrowings, Rensselaer has granted a lien on certain real property. Additionally, Rensselaer complies with various covenants as outlined in its borrowing documents. The following summarizes Rensselaer’s liens on tangible property related to existing debt as of June 30, 2016:

### **Borrowing**

Department of Education Mortgage Loan

### **Security Interest**

Dormitory project

The Institute estimates total combined liens on tangible property aggregate less than 5% of its total assets.

## **Pension Plans**

Rensselaer employees who meet eligibility requirements participate in one of two plans. A Defined Benefit Plan covers employees hired prior to July 1, 1993 and who made an election effective June 30, 1993 to remain in this plan (this plan is no longer open to new participants). The Institute amended the plan effective June 30, 2014 to freeze all future benefit accruals for future service of all plan participants. All eligible employees hired after June 30, 1993 may participate in a Defined Contribution Plan, which was established as of July 1, 1993. Eligible employees of the Rensselaer Hartford Graduate Center may also participate in the Defined Contribution Plan. See the attached *Combined Financial Statements For the Years Ended June 30, 2016 and 2015*– Note 9 -Retirement Plans for detailed information about Rensselaer’s retirement plans.

## **Litigation**

There is no litigation pending, or to the knowledge of the Institute threatened, in any court, agency, or other administrative body which would have a material adverse effect on Rensselaer or its operations, properties or financial condition.