



Annual Institutional Profile Report

Fall 2016



Rowan University

In accordance with the 1994 Higher Education Restructuring Act to “prepare and make available to the public an annual report on the conditions of the institution,” Rowan University has prepared the Rowan University Institutional Profile Report for the Fiscal Year 2016.

The form and content of this report is established by the Office of the Secretary of Higher Education. It includes.

- A. Accreditation status
- B. Number of students served
- C. Characteristics of undergraduate students
- D. Student outcomes
- E. Faculty characteristics
- F. Profile of the institution
- G. Major research and public services activities
- H. Major capital projects underway in Fiscal Year 2016

We hope this report will prove useful to the Office of the Secretary of Higher Education and to the public.

On behalf of Rowan University,

Dr. Ali A. Houshmand
President
Rowan University

Annual Institutional Profile of Rowan University, 2016

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A. Statement of Accreditation Status

ROWAN UNIVERSITY
201 Mullica Hill Road
Glassboro, NJ 08028-1701
Phone: (856) 256-4000; Fax: (856) 256-4929
www.rowan.edu

Chief Executive Officer: Dr. Ali A. Houshmand, President

INSTITUTIONAL INFORMATION

Enrollment (Headcount): 13,169 Undergraduate; 2078 Graduate
Control: Public
Affiliation: Government-State- none
2015 Carnegie Classification: Master's Colleges & Universities - Larger Programs
Approved Degree Levels: Postsecondary Award/Cert/Diploma (< 1 year), Bachelor's, Post baccalaureate Award/Cert/Diploma, Master's, Post-Master's Award/Cert/Diploma, Doctor's - Professional Practice, Doctor's - Research/Scholarship;

Distance Education Programs: Fully Approved

Accreditors Recognized by U.S. Secretary of Education: American Osteopathic Association, Commission on Osteopathic College Accreditation ; Commission on Collegiate Nursing Education ; Council for the Accreditation of Education Preparation (CAEP); Liaison Committee on Medical Education ; National Association of Schools of Art and Design, Commission on Accreditation; National Association of Schools of Music, Commission on Accreditation,; National Association of Schools of Theatre, Commission on Accreditation

Other Accreditors: AACSB International - The Association to Advance Collegiate Schools of Business Accreditation Board for Engineering and Technology; Certification in Education for Public Relations- Public Relations Society of America; Council for Accreditation of Counseling and Related Educational Programs American Chemical Society National Association of School Psychologists National Wellness Institute Commission on Accreditation of Athletic Training Education

Instructional Locations

Branch Campuses: Rowan University at Camden, Camden, NJ

Additional Locations: Camden County College, Blackwood, NJ; Cooper Medical School of Rowan University, Camden, NJ; Cumberland County College, Vineland, NJ; Medical Diagnostic Laboratories LLC, and Humigen, LLC, The Institute for Genetic Immunology, Hamilton, NJ (ANYA); Mission Solutions Engineering, LLC, Moorestown, NJ; Rowan College at Burlington County, Mount Laurel Campus, Mount Laurel, NJ (ANYA); Rowan College at Gloucester County, Sewell, NJ; Rowan University at Stratford, NJ, Stratford, NJ

Other Instructional Sites: Inspira Medical Center, Woodbury, NJ; Mercer County College, West Windsor Township, NJ; Middlesex County College, Edison, NJ; New Jersey Principals and Supervisors Association (NJPSA), Jamesburg, NJ; Shore Medical Center, Somers Point, NJ; Stanford Hospital, Stanford, CA

ACCREDITATION INFORMATION

Status: Member since 1958

Last Reaffirmed: November 20, 2014

Most Recent Commission Action:

June 27, 2016: To acknowledge receipt of the substantive change request. To include the first and second Postsecondary Award/Cert/Diploma (< 1 year) programs in: (1) Industrial Organizational Psychology and (2) Combat Systems Engineering within the scope of the institution's accreditation. The next evaluation visit is scheduled for 2018-2019.

Brief History since Last Comprehensive Evaluation:

November 20, 2014: To accept the Periodic Review Report and reaffirm accreditation. To request a progress report, due April 1, 2016, documenting (1) implementation of a documented assessment process for general education; (2) steps taken to ensure that all activities and offerings at branch campuses and additional locations meet standards for quality of instruction, academic rigor, and educational effectiveness comparable to those of other institutional offerings (Standard 13); and (3) steps taken to improve enrollment and retention at branch campuses and additional locations (Standard 13). The next evaluation visit is scheduled for 2018-2019.

January 5, 2015: To acknowledge receipt of the substantive change request. To approve the reclassification of the instructional site at Rowan College at Gloucester County, 1400 Tanyard Road, Sewell, NJ 08080 as an additional location and to include the location within the scope of the institution's accreditation. To remind the institution of the request for a progress report, due April 1, 2016, documenting (1) implementation of a documented assessment process for general education; (2) steps taken to ensure that all activities and offerings at branch campuses and additional locations meet standards for quality of instruction, academic rigor, and educational effectiveness comparable to those of other

institutional offerings (Standard 13); and (3) steps taken to improve enrollment and retention at branch campuses and additional locations (Standard 13). The next evaluation visit is scheduled for 2018-2019.

April 27, 2015:

To acknowledge receipt of the substantive change request. To include the additional location at the Medical Diagnostic Laboratories LLC, and Humigen, LLC, The Institute for Genetic Immunology, 2439 Kuser Road, Hamilton, NJ 08690 within the scope of the institution's accreditation. The Commission requires written notification within thirty days of the commencement of operations at this additional location. In the event that operations at the additional location do not commence within one calendar year from the approval of this action, approval will lapse. To remind the institution of the request for a progress report, due April 1, 2016, documenting (1) implementation of a documented assessment process for general education; (2) steps taken to ensure that all activities and offerings at branch campuses and additional locations meet standards for quality of instruction, academic rigor, and educational effectiveness comparable to those of other institutional offerings (Standard 13); and (3) steps taken to improve enrollment and retention at branch campuses and additional locations (Standard 13). The next evaluation visit is scheduled for 2018-2019.

August 31, 2015:

To acknowledge receipt of the substantive change request. To include the additional location at Rowan College at Burlington County, Mount Laurel Campus, 500 College Circle, Mount Laurel, New Jersey 08054 within the scope of the institution's accreditation. The Commission requires written notification within thirty days of the commencement of operations at this additional location. In the event that operations at the additional location do not commence within one calendar year from the approval of this action, approval will lapse. To remind the institution of the request for a progress report, due April 1, 2016, documenting (1) implementation of a documented assessment process for general education; (2) steps taken to ensure that all activities and offerings at branch campuses and additional locations meet standards for quality of instruction, academic rigor, and educational effectiveness comparable to those of other institutional offerings (Standard 13); and (3) steps taken to improve enrollment and retention at branch campuses and additional locations (Standard 13). The next evaluation visit is scheduled for 2018-2019.

November 2, 2015:

To acknowledge receipt of the substantive change request. To include the additional location at Mission Solutions Engineering, LLC, 121 Whittendale Drive, Moorestown, NJ 08057 within the scope of the institution's accreditation. To note that this action is not retroactive. To remind the institution of the request for a progress report, due April 1, 2016, documenting (1) implementation of a documented assessment process for general education; (2) steps taken to ensure that all activities

and offerings at branch campuses and additional locations meet standards for quality of instruction, academic rigor, and educational effectiveness comparable to those of other institutional offerings (Standard 13); and (3) steps taken to improve enrollment and retention at branch campuses and additional locations (Standard 13). The next evaluation visit is scheduled for 2018-2019.

June 23, 2016: To accept the progress report. The next evaluation visit is scheduled for 2018-2019.

Next Self-Study Evaluation: 2018 - 2019

B. Number of Students Served

Fall 2015 Undergraduate Students

In Fall 2015 13,169 undergraduate students enrolled at Rowan University (Table II.B1).

Table II.B.1		
Undergraduate Enrollment by Attendance Status, Fall 2015		
	Number Enrolled	Percent
Full-time	11,710	89%
Part-time	1,459	11%
Total	13,169	100%

Fall 2015 Graduate Students

Rowan University enrolled 2,986 students in our graduate programs in Fall 2015. Fall 2015 graduate enrollment was also inclusive of professional students from the Cooper Medical School of Rowan University and Rowan University School of Osteopathic Medicine (RowanSOM) which contributed 908 students. The traditional graduate enrollment of Rowan University totaled 2,078 students.

Table II.B.2		
Graduate Enrollment by Attendance Status, Fall 2015		
	Number Enrolled	Percent
Full-time	1,348	45%
Part-time	1,638	55%
Total	2,986	100%

12 Month Unduplicated Enrollment, FY 2015

Traditionally, most students at Rowan University enroll during the fall semester of the academic year; enrollment is also open to students during the spring session.

Table II.B.4			
12 Month Unduplicated Enrollment, FY 2015			
	Headcount	Credit Hours	FTE
Undergraduate	13,538	336,626	11,221
Graduate	3474	28,963	1,207
Doctor-Professional Practice	829		829
Total	17,841	365,589	13,257

C. Characteristics of Undergraduate Students

Fall 2015 Freshmen

Table IIC.1: Mean Math, Reading and Writing SAT Scores for First-Time Freshmen, by Admission Status and Overall, Fall 2015													
Admit Type	Full-Time Students						Part-Time Students						
	Math	Count	Reading	Count	Writing	Count	Math	Count	Reading	Count	Writing	Count	
Regular Admits	616.9	872	587.7	872	568.3	872	600.0	2	660.0	2	595.0	2	
EOF Admits	460.0	154	436.8	154	435.1	154	0.0	0	0.0	0	0.0	0	
Special Admits	495.1	990	473.9	990	476.3	990	490.0	4	442.5	4	465.0	4	
All Admits	545.1	2,016	520.3	2,016	512.9	2,016	526.7	6	515.0	6	508.3	6	
Missing Scores		138		138		138		1		1		1	

Table IIC.2 Enrollment in Remediation Courses

Total Number of Undergraduate Students Enrolled in Fall 2015

Total Fall 2015 Undergraduate Enrollment	Number of Students Enrolled in One or More Remedial Courses	Percent of Total
13,169	960	7.3%

Total number of First-time, Full-time (FTFT) students enrolled in remediation in Fall 2015

Total Number of FTFT Students	Number of FTFT Students Enrolled in One or More Remedial Courses	Percent of FTFT Enrolled in One or More Remedial Course
2,222	675	30.4%

First-time, Full-time students (FTFT) enrolled in remediation in Fall 2015 by subject area

Subject Area	Number of FTFT Enrolled	Percent of all FTFT Enrolled
Computation	0	0.0%
Algebra	438	19.7%
Reading	182	8.2%
Writing	331	14.9%
English	0	0.0%

Fall 2015 Undergraduates

In Fall 2015, a total of 13,169 students attended Rowan University, of this total 89% were registered as full-time students (Table II.C.3.a).

Table II.C.3.a: Undergraduate Enrollment by Race/Ethnicity, Fall 2015

	White		Black		Hispanic		Asian*		American Ind.		Alien		Race Unknown*		Total	
	Num	Pct	Num	Pct	Num	Pct	Num	Pct	Num	Pct	Num	Pct	Num	Pct	Num	Pct
Full-time	8,046	68.71%	1,148	9.80%	1,184	10.11%	492	4.20%	17	0.15%	115	0.98%	708	6.05%	11,710	100%
Part-time	982	67.31%	160	10.97%	124	8.50%	47	3.22%	6	0.41%	16	1.10%	124	8.50%	1,459	100%
Total	9,028	68.55%	1,308	9.93%	1,308	9.93%	539	4.09%	23	0.17%	131	0.99%	832	6.32%	13,169	100%

* Note: Asian includes Pacific Islanders and Unknown includes 2 or More Races.

Table II. C3.b: Undergraduate Enrollment by Gender, Fall 2015

	Full-Time		Part-Time		Total	
	Number	Percent	Number	Percent	Number	Percent
Female	5,305	45.3%	681	46.7	6,083	46%
Male	6,405	54.7%	778	53.3	7,086	54%
Total	11,710	100%	1,459	100%	13,169	100%

35.2% of Rowan’s Full-Time Undergraduate population was between the ages 20-21. This was the largest portion of the university’s demographic make-up totaling 4,522 students (Table II.C.3.c).

Table II.C.3.c
Undergraduate Enrollment by Age, Fall 2015

		<18	18-19	20-21	22-24	25-29	30-34	35-39	40-49	50-64	65+	Unknown	Total
		Full-time	Num	6	3,971	4,522	2,501	485	108	54	48	15	0
	Pct	0.1%	33.9%	38.6%	21.4%	4.1%	0.9%	0.5%	0.4%	0.1%	0.0%	0.0%	100%
Part-time	Num	24	52	120	504	315	128	93	134	80	8	1	1,459
	Pct	1.6%	3.6%	8.2%	34.5%	21.6%	8.8%	6.4%	9.2%	5.5%	0.5%	0.1%	100%
Total	Num	30	4,023	4,642	3,005	800	236	147	182	95	8	1	13,169
	Pct	0.2%	30.5%	35.2%	22.8%	6.1%	1.8%	1.1%	1.4%	0.7%	0.1%	0.01%	100%

In AY 2014-15, Rowan University awarded \$18.5 million dollars in institutional grants and scholarships.

	Recipients	Dollars(\$)	\$/Recipient
<u>FEDERAL PROGRAMS</u>			
Pell Grants	3,902	15,952,386	4,088.26
College Work Study	433	669,105	1,545.28
Perkins Loans	0	0	--
SEOG	1,504	493,115	327.87
PLUS Loans	1,285	17,551,289	13,658.59
Stafford Loans (Subsidized)	5,970	25,387,106	4,252.45
Stafford Loans (Unsubsidized)	6,717	26,948,457	4,011.98
SMART & ACG or other	36	137,292	3,813.67
<u>STATE PROGRAMS</u>			
Tuition Aid Grants (TAG)	2,929	14,676,878	5,010.88
Educational Opportunity Fund (EOF)	604	722,462	1,196.13
Outstanding Scholars (OSRP) or other	0	0	--
Distinguished Scholars	0	0	--
Urban Scholars	0	0	--
NJ STARS	147	307,023	2,088.59
NJCLASS Loans	471	6,191,022	13,144.42
<u>INSTITUTIONAL PROGRAMS</u>			
Grants/Scholarships	2,964	18,574,544	6,266.72
Loans	0	0	--

Of Rowan's 2,237 first-time undergraduate students who began their college careers in the Fall of 2015 nearly 96% were from New Jersey (Table II.C.5).

State Residents	Non-State Residents	Total Students	% State Residents
2,144	93	2,237	95.8%

D. Student Outcomes

67% of Rowan’s first-time, full-time freshman that began their college careers in Fall 2009 earned a degree within six years (Table II.D.1.a).

Table II.D.1.a

Four-, Five- and Six-Year Graduation Rates of Fall 2009 Full-time First-time Degree-Seeking Undergraduates by Race/Ethnicity

	White		Black		Hispanic		Asian		Alien		Other *		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Fall 2009 Cohort	1,209		134		133		46		24		40		1,586	
Graduates after 4 years	578	47.8%	27	20.1%	43	32.3%	16	34.8%	6	25.0%	7	17.5%	677	42.7%
Graduates after 5 years	799	66.1%	51	38.1%	72	54.1%	23	50.0%	9	37.5%	10	25.0%	964	60.8%
Graduates after 6 years	854	70.6%	59	44.0%	79	59.4%	28	60.9%	10	41.7%	25	62.5%	1,055	66.5%

* Other includes American Indians, Native Hawaiian & Pacific Islanders, 2 or More Races and Unknown.

Table II.D.2: Third Semester Retention of First-time Undergraduates, Fall 2014 to Fall 2015

Full-Time			Part-Time		
Fall 2004 First Time Undergrads	Retained in Fall 2015	Retention Rate	Fall 2004 First Time Undergrads	Retained in Fall 2015	Retention Rate
2,278	1,965	86.3%	9	5	55.6%

E. Faculty Characteristics

In Fall 2015, there were 552 full-time faculty members employed at Rowan University (Table II.E.1).

Table II.E.1: Full-Time Faculty by Race/Ethnicity, Sex, Tenure Status and Academic Rank, Fall 2015

	White		Black		Hispanic		Asian*		American Ind.		Alien		Race Unknown*		Total	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Tenured																
Professors	52	32	7	0	2	3	15	8	0	0	0	0	0	1	76	44
Associate Prof.	41	35	4	5	5	2	4	0	1	0	0	3	0	2	55	47
Assistant Prof.	3	8	3	0	0	0	0	1	0	0	0	0	0	0	6	9
All Others	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal	96	75	14	5	7	5	19	9	1	0	0	3	0	3	137	100
Without Tenure																
Professors	14	7	1	0	0	0	4	0	0	0	0	0	1	0	20	7
Associate Prof.	16	17	1	2	1	1	3	0	0	1	4	5	0	0	25	26
Assistant Prof.	53	52	0	7	0	4	8	13	0	0	11	7	2	6	74	89
All Others	20	35	0	3	0	2	3	3	0	0	3	2	2	1	28	46
Subtotal	103	111	2	12	1	7	18	16	0	1	18	14	5	7	147	168
Total																
Professors	66	39	8	0	2	3	19	8	0	0	0	0	1	1	96	51
Associate Prof.	57	52	5	7	6	3	7	0	1	1	4	8	0	2	80	73
Assistant Prof.	56	60	3	7	0	4	8	14	0	0	11	7	2	6	80	98
All Others	20	35	0	3	0	2	3	3	0	0	3	2	2	1	28	46
Total	199	186	16	17	8	12	37	25	1	1	18	17	5	10	284	268

* Note: Asian includes Pacific Islanders and Unknown includes 2 or More Races.

Table II.E.2: Percentage of Course Sections taught by Full- and Part-time Faculty

Total Number of Course Sections	Taught by Full-time Faculty		Taught by Part-time Faculty		Taught by Others*	
	Number	Percent	Number	Percent	Number	Percent
3,598	1,151	31.99%	1,799	50%	648	18%

*Note: Others includes Full-time Administrators and Teaching Assistants (includes 71 nulls)

Table II.E.3: Ratio of Full- to Part-time Faculty, Fall 2015

Full-time		Part-time		Total	
Count	%	Count	%	Count	%
552	36.6%	957	63.4%	1,509	100%

F. Characteristics of the Trustees

Rowan University operates under the laws of the State of New Jersey. The Board of Trustees of Rowan University is vested by law with the general supervision of the University within general policies and guidelines pursuant to NJSA 18A:64 et seq.

Some of the responsibilities of the trustees are to appoint the University president, to approve the educational curriculum and student services program, and to determine policies for the organization, administration, and development of the University.

1. Gender of Governing Board

	White	Black	Hispanic	Asian	American Indian	Non-Resident	Unknown	Total
Male	9	1						10
Female	5	1		1				7
Total	14	2		1				17

2. Members of the Board of Governors and/or Trustees

Name	Title	Organization
Isabelita Marcelo Abele	CEO	US Lumber, Inc.
Brenda Bacon	CEO	Brandywine Senior Living
Chad Bruner	County Administrator	Gloucester County
Keith Campbell	Chairman of the Board	Mannington Mills, Inc.
Dr. Barbara Chamberlain	Retired	
Jean Edelman	Co-founder	Edelman Financial Services
Dr. Thomas Gallia	Retired	
Frank Giordano	President	Atlantic Trailer Leasing
Fred Graziano	Executive Vice President	TD Bank Financial Group
George S. Loesch	Special Projects, Marketing & Business Development	Connor Strong & Buckelew
Martin F. McKernan, Jr.	Senior Partner	McKernan & Godino
Robert C. Poznek	Chief Financial Officer	NEST
Linda Rohrer	President	Rohrer and Sayers Real Estate
Larry Salva	Chief Accounting Officer and Controller	Comcast
Virginia Rowan Smith	Chair/Vice President	Inductotherm Corporation and Inductotherm Group
Melissa Shore	Student Trustee	Rowan University
Rbrey Singleton	Alternate Student Trustee	Rowan University

3. URL: <http://www.rowan.edu/president/board/members/>

G. Profile of the Institution

Undergraduate Degree Programs

Rohrer College of Business

Accounting

Business Administration

Specialization offered in Supply Chain & Logistical Systems

Entrepreneurship

Finance

Human Resource Management

Management

Management Information Systems

Marketing

College of Communication & Creative Arts

Advertising

Art

Biomedical Art & Visualization (BFA)

Communication Studies

Journalism

Public Relations

Radio/TV/Film

Studio Art (BFA)

Specialization offered in Graphic Design

Writing Arts

College of Education

Education (BA plus dual major)

Early Childhood Education

American Studies; Liberal Studies – Humanities/Social Science; Literacy Studies;

Writing Arts

Elementary Education

American Studies; Chemistry; Liberal Studies – Humanities/Social Science;

English; Geography; History; Literacy Studies; Mathematics; Spanish; Writing

Arts

Subject Matter Education (K-12) (4-year programs)

History; Spanish; English; Art; Health & Physical Education; Music:

Instrumental; Music: Jazz Studies; Music: Vocal

Literacy Studies

Henry M. Rowan College of Engineering

Biomedical Engineering

Chemical Engineering

Civil & Environmental Engineering

Electrical & Computer Engineering

Engineering Entrepreneurship
Mechanical Engineering

College of Humanities & Social Sciences

Africana Studies
American Studies
Disaster Preparedness & Emergency Management
Economics
English
History
Human Services
International Studies
Law & Justice Studies
Liberal Studies
 Specialization offered in Humanities/Social Science
Modern Languages & Linguistics
Philosophy & Religion Studies
Political Science
Sociology
Spanish
Exploratory Studies (Undeclared)

College of Performing Arts

Dance
Music (BA)
Music (BM)
 Specializations offered in Composition, Jazz Studies & Performance
Music Industry
Theatre Arts

College of Science & Mathematics

Biochemistry
Bioinformatics
Biological Sciences (BS/BA)
Biophysics
Chemistry (BS/BA)
Computer Science
Computing & Informatics
Mathematics (BS/BA)
Physics (BS/BA)
Psychological Science
Psychology
Translational Biomedical Sciences

School of Earth & Environment

Community & Environmental Planning

Environmental Studies
Geography
Geographic Information Science (GIS)
Geology (BS, BA)*

School of Health Professions

Athletic Training (Combined 5-year Pre-Professional/MS)
Community Health Advocacy & Education
Health & Exercise Science
 Specialization offered in Health Promotion & Wellness Management
Human Performance in Clinical Settings
Nursing (RN to BSN)
Nutrition

Rowan Global

Construction Management (BA)
General Studies (BGS)

*beginning AY 2017-2018

Graduate and Professional Degree Programs

College of Business

M.S. in Finance
Master of Business Administration (MBA)
Master of Business Administration at RCBC
Master of Business Administration Online
Master of Business Administration: Accounting
Master of Business Administration: Finance
Master of Business Administration: Management
Master of Business Administration: Management Information Systems
Master of Business Administration: Supply Chain and Logistical Systems

College of Communication and Creative Arts

M.A. in Public Relations
M.A. in Writing

College of Education

M.A. in Counseling in Educational Settings
M.A. in Higher Education: Academic Advising Track
M.A. in Higher Education: Administrative Track
M.A. in Higher Education: Instructional Track

M.A. in Learning Disabilities
M.A. in Reading Education: Reading Practitioner
M.A. in Reading Education: Reading Specialist
M.A. in School Administration
M.A. in School Administration Online
M.A. in School Psychology
M.A. in Science, Technology, Engineering, and Mathematics (STEM) Education
M.A. in Special Education
M.A. in Special Education Online
M.S. in Teaching: Elementary Education
M.S. in Teaching: Subject Matter
M.S. in Teaching: Theatre
Master of Education in Teacher Leadership (M.Ed.)

College of Engineering

M.S. in Chemical Engineering
M.S. in Civil and Environmental Engineering
M.S. in Electrical and Computer Engineering
M.S. in Engineering Management
M.S. in Mechanical Engineering
Master of Engineering Management (M.E.M.)
Master of Science in Engineering: Biomedical Engineering

College of Humanities and Social Sciences

M.A. in Criminal Justice
M.A. in Criminal Justice Online
M.A. in History

College of Performing Arts

M.A. in Theatre Arts Administration
Master of Music: Composition (M.M.)
Master of Music: Conducting (M.M.)
Master of Music: Jazz Studies (M.M.)
Master of Music: Jazz Studies Online (M.M.)
Master of Music: Performance (M.M.)

School of Biomedical Sciences

Biomedical Sciences Dual Degree (D.O./M.S.)
Biomedical Sciences Dual Degree (M.B.S./M.P.H.)
Biomedical Sciences Dual Degree (M.S./M.P.H.)

Professional Degree Programs

Cooper Medical School of Rowan University
MD, Doctor of Medicine

Rowan School of Osteopathic Medicine
DO, Osteopathic Medicine

Undergraduate Certificate Programs

Humanities and Social Sciences

Spanish
French
German
Italian
Japanese
Chinese
Applied Spanish
Spanish American Literature and Culture
Peninsular Spanish Literature and Culture
Middle East Studies
Public History
Forensic Studies
Social Justice and Social Change
Philosophy
Asian Philosophy and Religion
Religion Studies
Ethics
Professional Preparedness
Earth and Environment (2)
Geographic Information Science
Sustainable Urbanism

Education

Access, Success, and Equity for Educational Innovation

Business

Management and Leadership
Business Analytics
Financial Forensics and Fraud Investigations
Global Business
Actuarial Exam FM Foundations
Actuarial Exam P Foundations
Personal Selling and Communication
Global Business Exploration and Experience

Science and Mathematics

Mobile Application Development
Computer Programming
Fundamental Computing
Industrial Organizational Psychology
Health Physics

Engineering

Materials Engineering
Combat Systems Engineering
Biochemical Engineering

Graduate Certificate Programs

Business

Accounting of Advanced Graduate Study
Business
Business Certificate of Graduate Study Online
Finance
Management Certificate of Advanced Graduate Study
Management Information Systems of Advanced Graduate Study
Management Information Systems

Communication and Creative Arts

Creative Writing
Editing and Publishing for Writing
IMC and New Media
Writing and New Media
Writing, Composition and Rhetoric

Education

Autism Spectrum Disorders
Bilingual Bicultural Education Endorsement
Community College Leadership
Early Childhood Education
Educational Leadership Certificate of Advanced Graduate Study
Educational Technology
Engineering Educators
English as a Second Language
Enhancing Instructional Practice
Learning Disabilities
Learning Disabilities Online
Learning Disabilities Teacher Consultant Certification
Principal Preparation
Reading
Reading Writing Literacy

School Public Relations
Special Education
Strategic Innovation
Supervisor Certification
Teacher of Students with Disabilities: Graduate Endorsement
Teacher of Students with Disabilities: Graduate Endorsement Online
Teaching and Learning

Health Professions

Biomedical Sciences Certificate
Interprofessional Health Organization

Humanities and Social Science

History
Global History

Science and Mathematics

Health Data Management
Clinical Mental Health Counseling
Computational Data Analytics
Cyber Security
Evidence-Based Nursing Practice
Middle School Mathematics
Networks
Software Engineering
Web Development

H. Major Research and Public Service Activities

II.H Major Research and Public Service Activities

R&D Expenditures: Year 2015	Amount (\$)
Federally Financed Academic R&D Expenditures	\$4,674,000
Institutionally Financed Academic R&D Expenditures	\$1,109,000
Total Academic R&D Expenditures	\$8,044,000

Note: Dollar amount as reported to the National Science Foundation (NSF) on Form #411 (*Survey of Research and Development Expenditures at Colleges and Universities*).

Brief Summary of Highlighted Research Projects at Rowan 2015

Dr. Yusuf Mehta, Civil & Environmental Engineering

Mehta and his team investigate the environmental ramifications of using old asphalt in a variety of novel applications, including walls, guardrails and highway shoulders. Many states prevent contractors from adding more than 15 percent of old asphalt to new pavement because of durability issues. Under State funding, Dr. Mehta recently proved the mix could go as high as 35 percent with a simple adjustment. The team determined that not all of the binder in old asphalt remains viable, as previously believed. A test developed in his asphalt lab determines how much of the old binder remains useful, allowing asphalt companies to adjust the mix to create pavement strong enough to withstand years of abuse.

Dr. Rachel Pruchno, director of New Jersey Institute for Successful Aging

Pruchno spearheads a disaster research panel known as ORANJ BOWL (Ongoing Research on Aging in New Jersey: Bettering Opportunities for Wellness in Life). Her team is recontacting ORANJ BOWL panelists to learn how their health has been affected in the wake of Hurricane Sandy. Pruchno hopes findings from the study, funded by the National Institute on Aging, will help officials as they prepare for future disasters.

Dr. Xinhua Chen and Dr. Theresa School, Obstetrics and Gynecology

Chen and School are performing first-of-its-kind research to investigate why incidence of preterm birth is 60 percent higher among African Americans and 40 percent higher among Hispanics. They will study biomarkers, including fatty acids, obtained from blood samples gathered from healthy pregnant women in Camden –previous studies by Drs Chen and Scholl have linked fatty acids to premature births. Supported by a grant from the National Institute on Minority Health and Health Disparities, the team will measure the markers and then divide the data by normal deliveries and preterm deliveries to determine any correlation.

Dr. Mary Louise Kerwin, Psychology; Director, Center for Behavior Analysis

Kerwin is supported by State funding to evaluate traditional autism treatment---verbal behavior approach in a home setting---to the same treatment also involving parental involvement. Hers is the first to examine the new approach independently and the first to compare the two treatments. Dr. Kerwin will also compare results from the two groups with results from children not involved in the program but receiving state services.

I. Capital Improvements Underway in FY2016

Holly Pointe Commons



This \$145 million facility will provide 1,400 beds of student housing to accommodate the growth of the undergraduate programs. In addition to housing, a new two-story, 550 seat, 20,000 square foot dining hall will meet the additional food service demand. The first students will move in September 2016.

Rowan University Art Gallery



A new gateway between the main campus and the surrounding downtown neighborhood, the Rowan University Art Gallery integrates public and private spaces into a renovated three-story, 15,000 square foot mixed used development. The building is home the University's art gallery and the Department of Public Relations and Advertising. The second and third floors are enabled with smart classrooms, computer labs, and student lounge spaces.

West Campus Athletic Fields



Rowan University installed a new synthetic turf practice soccer field and a multipurpose field for team practices and intramural sports. This \$5.25 million project will also include collegiate level track and field event spaces for Hammer/Discus, Javelin, Shot-put, Long Jump, and Pole Vaulting. The fields have designated parking, lighting, and a pavilion.

The Crossroads at Robinson Green



This \$600,000 project incorporates principles of sustainability using recycled concrete, green storm water infrastructure, and native plantings. This space provides an area of safe pedestrian passage that invites lingering and contemplation.

CAVE®



Rowan University installed a new CAVE® - a Virtual Reality (VR) environment to visualize, navigate and interact with a 3-D virtual environment that is created using a combination of digital light, processing projectors, infra-red precision-position tracking system, data gloves and required computer hardware and software. This environment creates an immersive surround screen, surround sound virtual world which viewers can explore by moving around and grabbing objects using the data glove. In the photo above, a student visualizes the effects on flooding in the Von Neida Park area in North Camden.

Camden Bank Renovations



This renovation of a historic bank will facilitate total occupancy of the building and the adjacent annex. This \$17.6 million project includes HVAC upgrades, windows, electrical, fire alarms, green space, office construction, and restoration of the main lobby.

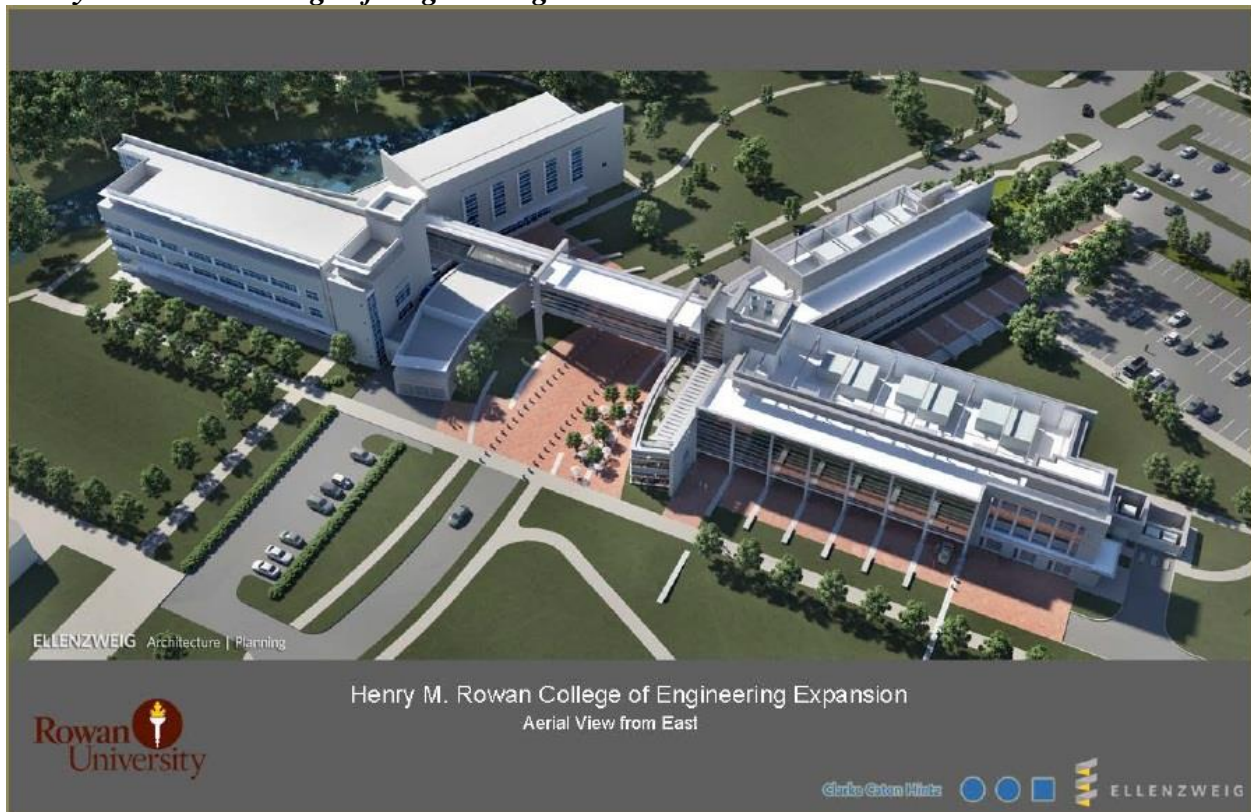
Central Utility Plant Expansion/Upgrade



This project is expanding the chilled water capacity, providing redundancy and improving operating efficiencies within the central utility plant in conjunction with the major campus expansion projects (Rohrer College of Business and Rowan College of Engineering). Some of the major upgrades include providing a new 2350-ton steam centrifugal chiller, adding five cooling towers to the existing line up, modifying the outside air intake on the Solar Centaur Co-Gen to increase efficiency and updating the plant energy management controls.

Projects in Progress

Henry M. Rowan College of Engineering



This new 88,000 square foot building is under construction and is estimated to cost \$70.6 million. This new facility is expected to open in spring 2017 and will include wet and dry lab spaces, meeting rooms, classrooms, conference rooms, offices, research lab spaces, a dining facility, and spaces specially geared towards supporting STEM related academic programs.

Rohrer College of Business



This new \$63.1 million (nearly \$46 million is funded by the Building Our Future Bond Act passed in 2012) building will be 92,290 square feet and will enable Rowan University's Rohrer College of Business to expand enrollment to 2,000 students. It will include a business center, trading room, entrepreneurship hatchery, lecture hall, meeting rooms, classrooms, offices, a dining facility, labs, and breakout rooms. The projected completion for this building is spring 2017.

West Campus South Jersey Tech Park Expansion



This expansion will deliver a multi-tenant office and research facility that will foster new industry partnerships at the Park. This expansion is estimated to be completed in spring/summer 2017 and is expected to be between 75,000 and 100,000 square feet and cost \$30 million.

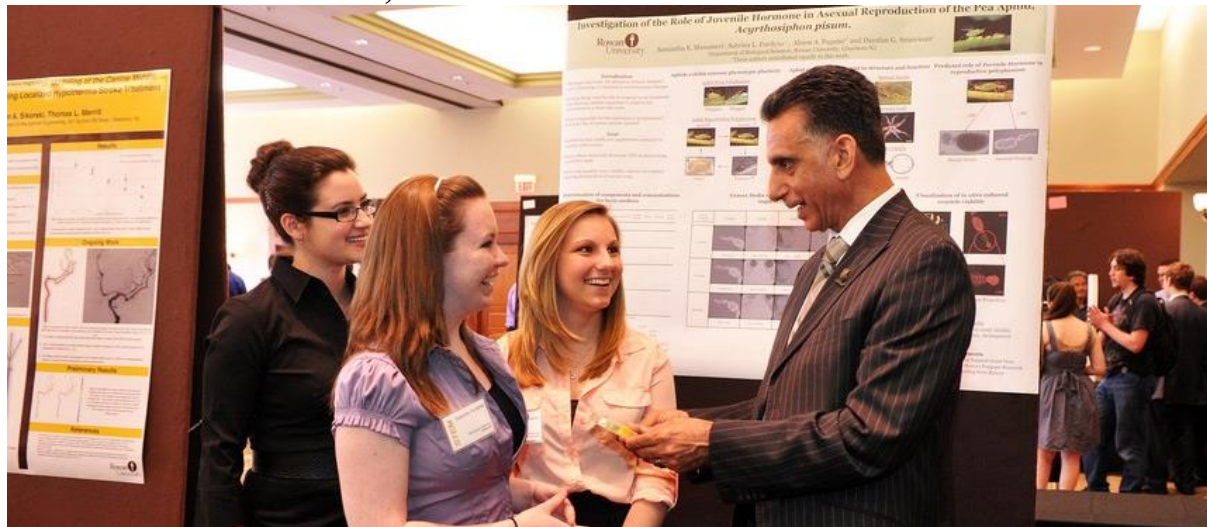
Joint Health Sciences Building



This new Academic Health Sciences Building will be near the Camden Medical School Campus and will be a partnership between Rowan and Rutgers to collaboratively advance the focus of Health Sciences and academic research. The building is in the design phase and will include classrooms, clinical workspaces, offices, study areas, and lab spaces. It is projected to be 120,000 square feet and cost \$57 million.

J. Other Institutional Information (optional)

President Ali A. Houshmand, Ph.D.



These are historic times at Rowan University. Our institution has long provided an excellent education for future teachers and lawyers, engineers and broadcasters, entrepreneurs and musicians, among so many more. We still do. But today, the climate here is even more exciting. We are continuing to grow our programs and improve our facilities. We are in a unique public-private partnership that has led to the construction of a retail, housing and academic corridor called Rowan Boulevard. We have partnered with Cooper Health System to create Cooper Medical School of Rowan University. There is, however, much more ahead.

I invite you to explore our website www.rowan.edu and learn more about what we offer our students and community. I hope you enjoy your visit.

From Normal to Extraordinary: The History of Rowan University

Rowan University has evolved from its beginning in 1923 as a normal school, with a mission to train teachers for South Jersey classrooms, to a comprehensive public research university with a strong regional reputation.

In September 1923, Glassboro Normal School opened with 236 students arriving by train to convene in the school's first building, now called Bunce Hall. Dr. Jerohn Savitz, the institution's first president, expanded the curriculum as the training of teachers became more sophisticated. Despite the rigors of the Depression, the program was expanded to four years in 1934, and in 1937 the school changed its name to New Jersey State Teachers College at Glassboro. The college gained a national reputation as a leader in the field of reading education and physical therapy when it opened a clinic for children with reading disabilities in 1935 and added physical

therapy for the handicapped in 1944. The college was one of the first in the country to recognize these needs and was in the forefront of the special education movement.

Rowan's second president, Dr. Edgar Bunce, created a junior college program in 1946 to serve World War II veterans taking advantage of the GI Bill.

In the 1950s, Dr. Thomas Robinson, the University's third president, expanded the curriculum, increased enrollment and added several buildings to the campus. In 1958, the school's name was changed to Glassboro State College to better reflect its mission.

A Historic Summit



The University received worldwide attention when it hosted a historic summit conference between President Lyndon Johnson and Soviet Premier Aleksei Kosygin in Hollybush. The University was chosen because of its strategic location midway between Washington, D.C., and the United Nations in New York City, where Kosygin was scheduled to speak. The meetings between the two leaders, held June 23-25, 1967, led to a thaw in the Cold War and eased world tensions.

Rapid Growth to Serve Needs

The University's fourth president, Dr. Mark Chamberlain, guided the college through its next phase of growth as enrollment doubled and the college became a multi-purpose institution. As new majors and a Business Administration Division were added, four divisions grew into schools and a board of trustees was formed. In 1969, the University opened a campus in Camden to

expand its educational services. With a 1978 Division III National Championship in baseball, the first of 11 national championships for the institution, the athletic program established itself as one of the premier athletic programs in the country.

The college's fifth president, Dr. Herman James, assumed the leadership of the institution in 1984. Under his direction, Rowan expanded by establishing the first doctoral program among the state's public institutions and adding the Colleges of Engineering and Communication. Dr. James also was responsible for the construction of Campbell Library, the Student Recreation Center and Rowan Hall.

A Transformative Gift



In July 1992, industrialist Henry Rowan and his wife Betty donated \$100 million to the institution, then the largest gift ever given to a public college or university in the history of higher education. Later that year, the school changed its name to Rowan College of New Jersey to recognize its benefactors' generosity. The Rowans' only request was that a College of Engineering be created with a curriculum that would address the shortcomings of engineering education at that time.

The college achieved University status in 1997 and changed its name to Rowan University under Dr. James' leadership. The College of Engineering quickly earned national accolades for its successful new curriculum.

Dr. Donald J. Farish was appointed as the sixth president in July 1998. Under his leadership, the University implemented an aggressive improvement plan that addressed academic and student support initiatives as well as campus construction and renovation projects.

Major construction projects included the University townhouses; Science Hall; Education Hall; and the Samuel H. Jones Innovation Center, the first building of the South Jersey Technology Park at Rowan University.

During his tenure, the University also entered into a public-private partnership that led to the construction of Rowan Boulevard, a \$300-million, mixed-use redevelopment project that links the campus with Glassboro's historic downtown. The corridor features student and market-rate housing, a Barnes & Noble collegiate superstore, a Courtyard at Marriott Hotel, an urgent care center and numerous retail and dining outlets. Work is underway on other facilities.

A Broader Mission

During this period, Rowan founded Cooper Medical School of Rowan University—the first new medical school in New Jersey in more than 35 years and the first-ever M.D.-granting four-year program in South Jersey—in partnership with Cooper University Health Care.

The medical school welcomed its first class in the summer of 2012 into a new, six-story building adjacent to Cooper University Hospital in Camden. Close to 3,000 students applied for 50 spots in the medical school's charter class, which graduated in May 2016.

The Board of Trustees named then-Provost Dr. Ali Houshmand as interim president in July 2011 and then the University's seventh president in June 2012.

As provost, Dr. Houshmand established the College of Graduate and Continuing Education and started Rowan's online education program, which now are part of Global Learning & Partnerships. As president, he dramatically reduced institutional expenses and increased revenue while expanding enrollment and academic programs.

In 2012, several of the colleges were restructured and schools were created, among them the Colleges of Business, Communication & Creative Arts, Education, Engineering, Humanities & Social Sciences, Performing Arts, and Science & Mathematics.

During 2016-17, the University will open Holly Pointe Commons, freshman and sophomore housing strategically located on Rt. 322, and new buildings for the William G. Rohrer College of Business and Henry M. Rowan College of Engineering, which will enable the high-demand programs to double their enrollment.

N.J. Medical & Health Sciences Education Restructuring Act

On July 1, 2013, Rowan again changed dramatically when the New Jersey Medical and Health Sciences Education Restructuring Act went into effect. The Restructuring Act designated Rowan as the New Jersey's second comprehensive public research institution, transferred the University of Medicine and Dentistry of New Jersey's School of Osteopathic Medicine to Rowan and

partnered Rowan with Rutgers-Camden to create health sciences programs in the City of Camden.

Rowan became the second institution in the nation to have both a D.O.-granting medical school (RowanSOM) and an M.D.-granting medical school (Cooper Medical School of Rowan University). The transfer of programs also led to the creation of the Graduate School of Biomedical Sciences and gave Rowan its third campus, with Stratford joining Glassboro and Camden, New Jersey, as homes to Rowan programs.

Recognized Nationally

Rowan has attracted the attention of national organizations that evaluate colleges and universities. U.S. News & World Report consistently ranks Rowan University among the top tier of Northern Regional Universities and among the top three public institutions in the category, and includes the Henry M. Rowan College of Engineering among the best institutions where the highest engineering degree offered is a bachelor's or master's. The Princeton Review includes the William G. Rohrer College of Business among its best business schools yearly. The University has received more than a dozen awards for green initiatives since 2007. Recently, The Princeton Review listed it in its “Guide to 322 Green Colleges.”

Numerous Opportunities

Rowan continues to expand its programs and partnerships. Among the most recent—and vital to higher education in New Jersey—was its June 2015 partnership with the former Burlington County College (now Rowan College at Burlington County) to improve access to affordable four-year undergraduate degrees. That move followed one two years earlier with then-Gloucester County College (now Rowan College at Gloucester County) to establish a similar arrangement that enables students to pursue Rowan bachelor’s degrees at the county college or transfer seamlessly to the University after earning an associate’s degree and meeting set standards. Today, Rowan's approximate 16,100 students can select from 74 bachelor’s, 51 master’s, four doctoral degrees and two professional programs— along with undergraduate and post-baccalaureate certificates—in colleges and schools across four campuses.

From the modest normal school begun 90 years ago, Rowan University has become an extraordinary comprehensive institution that has improved the quality of life for the citizens of New Jersey and the surrounding states.

Research Centers and Institutes

Rowan University is committed to improving the quality of life of those around us through scientific study in an array of fields. Through its centers and institutes, Rowan University enables faculty and students to work side by side in regional, national, and international collaborations to conduct research. These partnerships emphasize teaching, scientific study, scholarship, creativity, and community service.

Geospatial Research Lab



The GeoLab conducts research on a myriad of geospatial topics, primarily land use development patterns, impervious surface trading, watershed quality analysis and interactive web-based mapping.

Rowan Astronomical Observatory



The Rowan Astronomical Observatory (RAO) is dedicated to the exploration of our universe by faculty, students and the neighboring community.

CARES Institute



The Child Abuse Research Education and Service (CARES) Institute provides medical and mental health services to meet the diagnostic and therapeutic needs of abused children and families.

Center for Behavior Analysis



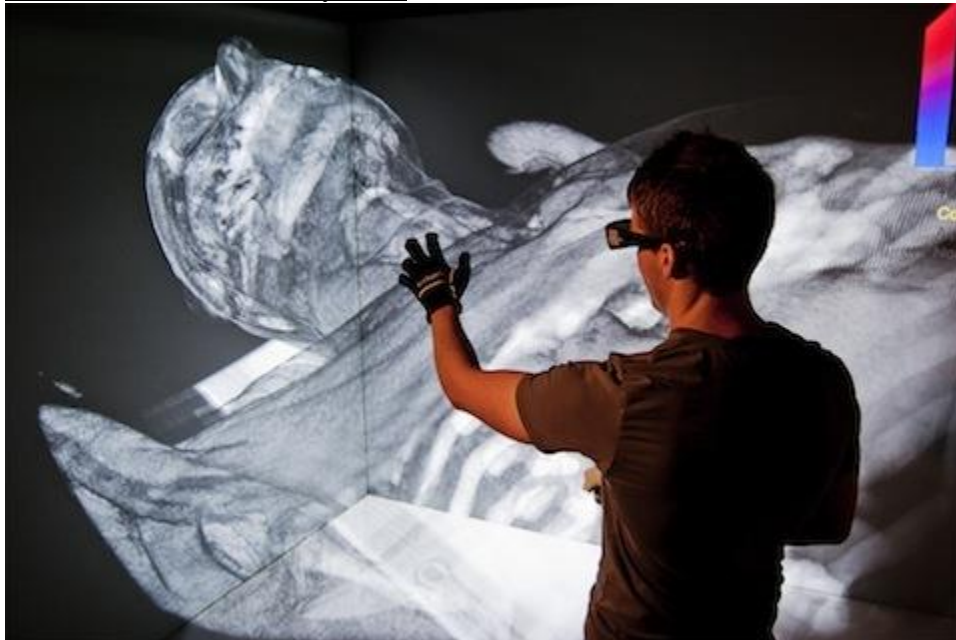
The Center for Behavior Analysis, Research & Services promotes the science of applied behavior analysis through education, research and service.

New Jersey Institute for Successful Aging



The New Jersey Institute for Successful Aging provides medical care in varied settings and offers training for health professionals in multiple disciplines.

The Cave (Virtual Reality Lab)



From CAVE® systems to desktop to mobile, Rowan University's Virtual Reality Lab creates applications for clients in a variety of key industries using advanced modeling and simulation capabilities.

The NeuroMusculoskeletal Institute (NMI)



The NeuroMusculoskeletal Institute offers services to target diseases affecting the neuromuscular system. The comprehensive pain center evaluates and treats both acute and chronic pain.

Cell and Molecular Biology Research Labs



Rowan University's Graduate School of Biological Sciences (RowanGSBS) develops well-trained, enthusiastic research scientists who are equipped to address critical deficits in our knowledge of the biomedical sciences, specializing in cell and molecular biology research.

Public Safety



Rowan offers a comprehensive public safety program for the university community. We provide services through the following sections: Police, Security, Crime Prevention, Parking, Emergency Medical Services and Emergency Management. We focus on preventive patrols, crime prevention programming, and the physical establishment of Crime Prevention Through Environmental Design standards throughout our campus.

The department is fully accredited through the Commission on Accreditation of Law Enforcement Agencies (CALEA) which administers a rigorous accreditation process whereby law enforcement agencies must adhere to over 494 standards, codes and state-of-the-art practices. Our department is the first University in New Jersey to receive this prestigious recognition, and one of 50 in the nation.

Athletics

NCAA Programs



Rowan's Division III student-athletes develop as scholars, athletes and citizens, thanks to their competitive experiences and strong support services provided by our intercollegiate athletic department.

Men's Baseball
Men's Basketball
Men's Soccer
Men's Football
Men's Cross Country
Men's Track and Field
Men's Swimming and Diving

Women's Softball
Women's Basketball
Women's Soccer
Women's Volleyball
Women's Cross Country
Women's Track and Field
Women's Swimming and Diving
Women's Lacrosse
Women's Field Hockey

Intramural Sports



Intramural sports offer recreational activities for students of all levels of ability. Rowan offers individual sports, dual sports and team sports for male, female, and co-rec participants.

Basketball
Bowling
Innertube Water Polo
Dodgeball
Ping Pong
Handball
Wallyball

Wiffle Ball
Soccer
Volleyball
Racquetball
Flag Football
Street Hockey

Sports Clubs



Archery
Baseball
Bass Fishing
Dance
Fencing
Fitness and Body Building
Ice Hockey
Lacrosse
Outdoor Adventure
Parkour
Rugby
Soccer
Swimming
Ultimate Frisbee
Volleyball
Wrestling

Ballroom Dance
Basketball
Cheerleading
Equestrian
Field Hockey
Golf
Karate and Self Defense
Mixed Martial Arts
Paintball
Racquetball
Ski and Snowboard
Softball
Table Tennis
Unified Sports
Women's Physique

Athletic Facilities



A \$4.2 million renovation and expansion of the John Green Team House and Esbjornson Gymnasium offers student-athletes first class facilities. Profs cheer for the home team at Richard Wackar Stadium.

Rowan Rec Center



Located on the Glassboro campus, the Rec is a 92,000-sq.-ft. health club open year-round that offers recreational activities, fitness programs, intramural sports and instructional classes.

Student Government

The Rowan SGA takes pride in creating a state of actively engaged students that participate not only within their university, but also in the surrounding community. The SGA is not only the students' voice on campus, but we are also the student voice to the administration.

Rowan University Student Government Association makes certain that all students' needs are met by acting as a student voice for the campus community, serving as an outlet for student concerns, promoting student participation in campus life, and investigating solutions to various issues that affect the campus as a whole.

The SGA supports unity, teamwork, diversification, acknowledgment of excellence, mutual respect and a dedication to the positive development of each and every individual. The SGA acts with vision not only to meet the needs of Rowan's current students, but to also meet the needs of Rowan students to come.

The work of the SGA is performed in the spirit of change; however, it recognizes the contributions of its predecessors. The SGA takes pride in Rowan's past, present, and future.

Student Life



The Division of Student Life helps facilitates students' transition into Rowan University. Student Life supports student growth in and out of the classroom, and prepares them for personal and professional life after Rowan.

As students live, learn and grow at Rowan University, Student Life encourages them to embrace opportunities that enrich the academic experience, offers support when students face difficult decisions, challenges students to develop healthy choices regarding behavior and wellness, offers experiences that foster civic responsibility and cultural engagement, celebrates individuality, and helps them grow as leaders.

Student Life is committed to making sure that, day in and day out, students get the most out of their Rowan experience.

Healthcare



Rowan co-founded Cooper Medical School of Rowan University with Cooper University Health Care, welcoming the medical school's inaugural class in summer 2012. On July 1, 2013, Rowan became one of only two universities in the nation to offer both M.D. and D.O. degree-granting programs with the addition of the Rowan School of Osteopathic Medicine in Stratford, NJ (formerly the University of Medicine & Dentistry of New Jersey) and its clinical offices across NJ. Rowan University also comprises the Graduate School of Biomedical Sciences in Stratford, which grants the Ph.D. and offers a number of master's and dual-degree programs, is now also part of Rowan.

Rowan Medicine is more than our name. It is who we are. Rowan Medicine is our community – our physicians, nurses, physician assistants, nurse practitioners, social workers, therapists and staff members – uniting to bring the best and most convenient health care available to you and your family. For more than three decades, our deep commitment to South Jersey has continued to grow, with more than 160 physicians and health care professionals combining compassion with expertise at 64 locations in 27 Southern New Jersey towns. As well, the clinical faculty of Cooper Medical School at Rowan University are part of the Cooper University Health Care system, with nearly 800 physicians in over 75 specialties.

Because we also teach the next generation of physicians at Rowan University's acclaimed School of Osteopathic Medicine, we provide the leading edge of medical innovation that focuses on promoting wellness for the whole person.