

*2008-2009 Annual Report
Career Development Center*



Rensselaer

Introduction

The market for 2009 graduates has been one of the most challenging in recent times. Predictions at the beginning of the year that recruiting would decrease held up as employers, impacted by a slowing economy, reduced the number of schools and the number of schedules for on-campus interviews. This follows a downward trend that began in the fall of 2006 and is forecast to continue to decline for 2010. At Rensselaer, the number of employers recruiting on campus declined from 182 in 2008 to 145 in 2009.

As a result of the challenging market, 27% of graduates in 2009 reported they were opting to attend graduate school, compared to 22% in 2008. Students reporting that they were employed in 2009 was 42%, as opposed to 63% for the class of 2008. The total percent of graduates reporting future plans in 2009 is 72%, compared to 87% in 2008. Another reflection of the market is that the average BS starting salary decreased 2.1% from \$58,160 to \$56,922. All of these data points appear to be consistent with national trends reported by the National Association of Colleges and Employers (NACE) [http://www.naceweb.org/Publications/Spotlight Online/2009/0930/Top Employers for the Class of 2009.aspx](http://www.naceweb.org/Publications/Spotlight Online/2009/0930/Top_Employers_for_the_Class_of_2009.aspx).

The CDC spring career fair continued to draw strong numbers in terms of employers that attended. The Spring 2009 Career Fair attracted 155 employers who met over 2,000 students. The career fair is a major means for students to network with employers and to identify experiential opportunities.

Employers continue to emphasize the importance of experience through co-op, internships and summer jobs. Many of the full time offers made this year were to graduates who had experience. Additionally, employers reported the need for students to develop strong professional networks. Alumni and employer connections are listed among the top groups that graduates are encouraged to network with. Both groups are important in the best markets and are considered crucial in the current job market.

Along with experience and networking, advice has been growing for students to develop strong presentation skills. Presentation skills manifest themselves in terms of first impressions garnered from a well-written resume and attention to professional demeanor. Being positive, a good hand shake, eye contact, and dressing professionally for interviews are among the factors that take on added significance in a tight job market.

While employment opportunities generally remained very tight during 2008-2009, the Cooperative Education Program held its own in terms of student participation. There were 210 undergraduate students on co-op assignments, compared to 211 in 2007-2008. The departments that had the most co-ops were mechanical engineering (71), electrical engineering (26), and aeronautical engineering (23). At the graduate level, 65 students accepted co-op positions in contrast to 51 during the previous year. The areas with the greatest involvement were MBA (19), information technology (11), and electrical engineering (8). Students' pay rates were down last year, a reflection of fiscally tight times everywhere. Graduate students earned the highest pay, with some students pulling in as much as \$40/hour (down from \$50 the year before). Undergraduate students typically earned between \$18-\$20/hour, which again was a drop from 2007-2008, where some students earned \$25-\$30/hour.

We anticipate that the market will remain competitive and challenging in the upcoming year. We have already seen evidence of this during fall recruiting. However, there is room for optimism as employers continue to inquire about Rensselaer students, post opportunities, schedule on-campus interviews, and attend our annual spring career fair.

Summary of Recruitment Activity

<u><i>Employer Activity</i></u>	<i>2008-2009</i>	<i>2007-2008</i>
Organizations Interviewing on Campus	145	182
Number of Interview Schedules	343	456
Number of Interviews Conducted	2503	3188
Full Time	1705	2225
Co-op	483	415
Summer	315	548
Number of Recruiters Visiting Campus	421	527
Number of Employer Events	127	154
Information Sessions	124	150
Corporate Career Days	3	4

Student Activity

Number of Students Registered		
Graduating Student Services	1019	1002
Co-op & Summer Employment	1032	1017
Total	2051	2019

Career Development Center Activity

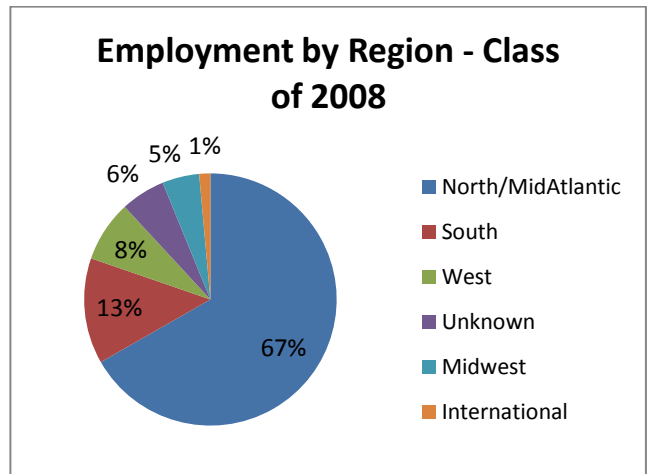
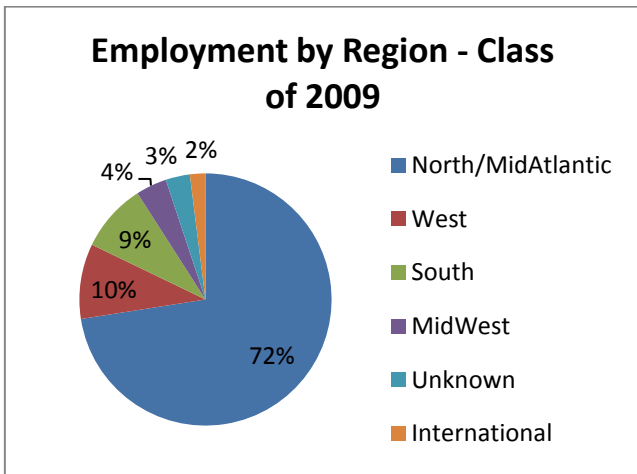
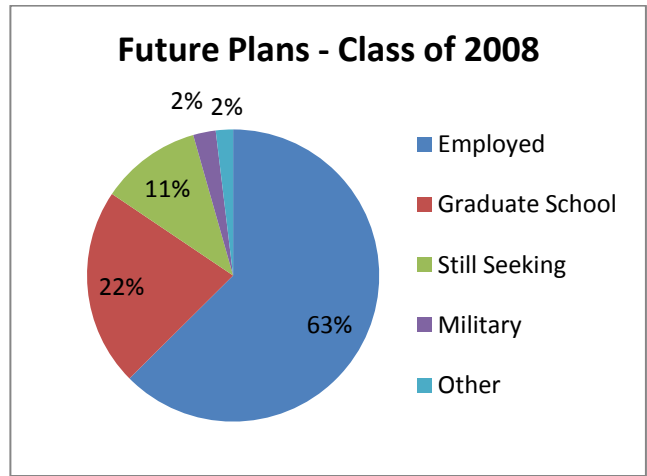
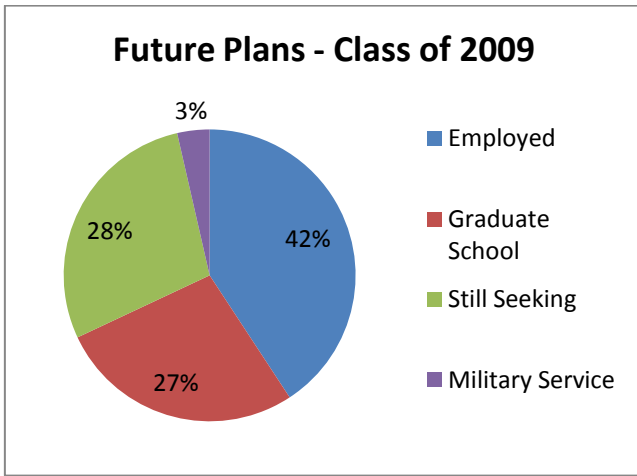
Number of Workshops & Seminars Presented	92	115
Attendance at Workshops & Seminars	1176	1471
Number of Counselor Appointments	986	1136
Number of Walk-In Appointments	997	1183

Full-Time Recruitment Activity

2008-2009

2007-2008

Number Registered	1019	1002
Number Responding	874	681
Employed	365	426
Graduate School	236	149
Still Seeking	242	76
Military Service	31	17
Other (Not Seeking/Traveling)	0	13



Top Reported Full-Time Employers for 2009

Lockheed Martin
General Electric
United Technologies Corporation
Cisco Systems
Deloitte
Westinghouse
BAE Systems
Portsmouth Naval Shipyard
General Dynamics
Raytheon
FactSet Research Systems

Top Co-op Employers for 2009

General Electric
Pitney Bowes
IBM
Apieron Biosystems
Cisco Systems
Schick Wilkinson Sword
United Technologies Corporation
FM Global
Ametek
Stryker Orthopaedics

Sample of Summer Internship Employers

Analog Devices
Bank of America
Central Hudson Gas & Electric
Ernst & Young
HBO
Johns Hopkins University/Applied Physics Laboratory
Maguire Group
Mainstream Engineering
Malcolm Pirnie, Inc.
Microsoft
MIT Lincoln Laboratory
Renfro Design Group
Rogers Corporation
Sandia National Laboratories
Trane
US Department of Transportation
US Environmental Protection Agency
Vanguard
Wyman-Gordon
Xerox

***Average Reported Acceptance Salaries
for Rensselaer's Class of 2009***

Average Starting Salary, BS \$56,922 (-2.18% from 2008)
Average Starting Salary, MS \$72,000 (+1.0% from 2008)

		<i>Average Salary for 2009</i>	<i>Average Salary for 2008</i>
<i>School of Architecture</i>			
Architecture	BA	41,417	44,300
 <i>School of Engineering</i>			
Aeronautical	BS	59,657	57,745
Biomedical	BS	58,273	55,728
Chemical	BS	61,583	66,171
Civil	BS	51,623	50,599
Computer & Systems	BS	66,659	62,778
Electrical	BS	60,247	63,832
Environmental	BS	51,993	---
Industrial & Management	BS	58,600	60,013
Materials	BS	59,040	51,425
Mechanical	BS	57,916	57,484
Nuclear	BS	62,917	61,689
 <i>School of Humanities, Arts & Social Sciences</i>			
Design, Innovation & Society	BS	41,250	---
Electronic Media Arts & Comm	BS	44,750	45,500
 <i>Information Technology</i>			
Information Technology	BS	59,429	61,231
	MS	80,000	71,167
 <i>School of Management</i>			
Management	BS	54,553	52,288
 <i>School of Science</i>			
Computer Science	BS	65,526	62,088
Mathematics	BS	54,171	---
Physics	BS	56,417	---

If no data appears, salary information was not available. National salary averages can be obtained from the CDC for most majors. Data gathered as of December 2009.

List of Reported Graduate Schools

Albany College of Pharmacy @ Vermont
Albany Law School
Albany Medical College
Albert Einstein College of Medicine
Arizona State University
Boston University
Boston University School of Law
Brown University
Carnegie Mellon University
College of William and Mary
Columbia College of Chicago
Columbia University
Columbia University Teachers College
Cornell University
Georgetown University
Georgia Institute of Technology
Georgian Court University
Harvard University
Johns Hopkins University
Lake Erie College of Osteopathic Medicine
Massachusetts Institute of Technology
New York University School of Law
New York University School of Medicine
Northeastern University
Ohio State University College of
 Veterinary Medicine
Oxford University
Pace Law School
Pratt Institute
Queen's University
Rensselaer Polytechnic Institute
Rensselaer Polytechnic Institute @ Hartford
Rice University
Rochester Institute of Technology
Russell Sage College
Rutgers University
St. Johns University School of Law
Stanford University
State University of New York @ Albany
State University of New York @ Stony Brook
Suffolk University Law School
Swiss Federal Institute of Technology
Syracuse University
Syracuse University Maxwell School
Temple University
Tufts University
Uniformed Services University of Health Sciences
Union Graduate College
Universite Laval @ Quebec
University of California @ Berkeley
University of California @ Davis
University of California @ Los Angeles
University of California @ San Diego
University of California @ Santa Barbara
University of California/Scripps Institution of
 Oceanography
University of Central Florida
University of Chicago
University of Colorado @ Boulder
University of Connecticut
University of Florida
University of Illinois @ Urbana/Champaign
University of Maryland
University of Maryland @ College Park
University of Massachusetts @ Amherst
University of Massachusetts Medical School
University of Michigan @ Ann Arbor
University of New Haven
University of Pennsylvania
University of Pennsylvania School of Design
University of Puerto Rico
University of South Carolina
University of Southern California
University of Texas @ Austin
University of Toronto
University of Vermont
University of Virginia
University of Washington
University of Wisconsin @ Madison
Vancouver Film School
Western Michigan University
Western New England School of Law

Companies Interviewing On Campus 2008-2009

Accenture	General Cable Corporation	Praxair
Allegrone Construction Company	General Electric	Procter & Gamble
AllianceBernstein	Goldman, Sachs & Company	Raytheon Company
Analog Devices	Golub Corporation	RBC Bearings
Anderson Instrument Company	Hamilton Sundstrand	Rogers Corporation
Apple Computer	Hasbro	SABIC Innovative Plastics
Areva NP	Hensel Phelps Construction Co.	Sandia National Laboratories
Arup	Hero/Beech-Nut Corporation	Schick/Wilkinson Sword
ASIC North	Husky Injection Molding	Schlumberger
Auto/Mate Dealership Systems	IBM	Schneider Electric (Square D)
BAE Systems	Infosys Technologies, Ltd.	Skanska USA Building
Bank of America	Intel	SoftArtisans
BD Diagnostics	James McGuinness & Associates	Spectra
Bechtel Bettis	Jet Propulsion Lab/NASA	SRA International
Becton Dickinson (BD)	Johnson & Johnson	St. Jude Medical
BlackRock	Johnson Controls	St. Paul Travelers
Bloomberg	Judlau Contracting	Standard and Poors/Capital IQ
Booz, Allen & Hamilton	Kimberly-Clark Corporation	Stryker Orthopaedics
Bose Corporation	Kodak	Sturm, Ruger & Company
Broadridge Financial Solutions	Lenel Systems International	Sunoco
Carma Systems	LinkShare Corporation	Syracuse Research Corporation
Carrier Corporation	Lockheed Martin	Target
CDM	L'Oreal USA	Tetra Engineering
Central Hudson Gas & Electric	Lummus Technology	The Dennis Group
Central Intelligence Agency	Lutron Electronics	The Hartford Financial Services Group
CGI	Malcolm Pirnie	The Linde Group
Cisco Systems	Medtronic	Trane
Clever Devices	Merck	TriTek Solutions
Consolidated Edison	MetLife	Turner Construction Company
Cooper Industries	Micron Technology	UBS
Covidien	Microsoft Corporation	United Technologies Fire & Security
Deloitte	MicroStrategy	United Technologies Corporation
Deutsche Bank	MIT Lincoln Laboratory	US Patent and Trademark Office
DreamWorks Animation SKG	MPR Associates	Vanguard
Dynegy	MSE Power	Varian Semiconductor
Edwards Lifesciences	National Fuel Gas Company	Equipment Associates
E-J Electric Installation Company	National Grid USA	ViaSat
Engineering Consulting Services	National Instruments	VistaPrint
Engenuity PLM, LLC	NewPage Corporation	W L Gore & Associates
Entergy Corporation	Northrop Grumman	Weidmann Diagnostic Solutions
Epic Systems Corporation	Novellus Systems	Westinghouse
Ernst & Young	Nuance Communications	Wolf, Greenfield & Sacks, PC
Exeter Group	NuVasive	Woodard & Curran
ExxonMobil Corporation	NYSERDA	WorkingBuildings, LLC
FactSet Research Systems	Optaros	[x+1] X Plus One
First Investors Corporation	PA Consulting Group	ZS Associates
Flowserve Corporation	Pepsi	
FM Global	Pitney Bowes	
FRA Engineering, PC	Playtex Products	
	Portsmouth Naval Shipyard	

HOURLY PAY RATE & CREDIT HOUR BREAKDOWN
by Academic Major for Academic Year 2008-2009
Cooperative Education Program
Rensselaer Polytechnic Institute, Troy, NY

	2008-2009 Per Hour Range	2008-2009 Per Hour Mean	2007-2008 Per Hour Mean
School of Architecture			
Graduate	27.41	27.41	n/a
School of Engineering			
Aeronautical			
Senior	13.85-22.25	19.00	n/a
Junior	10.50-21.00	17.19	17.34
Sophomore	19.58	19.58	18.33
Biomedical			
Senior	14.50-22.00	17.17	17.28
Junior	13.50-23.45	18.35	17.10
Chemical			
Graduate	22.00	22.00	29.50
Senior	15.00-33.31	21.24	n/a
Junior	17.00-22.50	19.38	20.50
Sophomore	n/a	n/a	20.41
Civil			
Senior	13.00-20.75	17.05	n/a
Junior	13.00-20.00	17.00	15.75
Computer & Systems			
Graduate	28.64	28.64	30.88
Senior	16.70-23.97	19.22	19.00
Junior	14.50-23.50	19.33	19.40
Sophomore	n/a	n/a	18.50
Electric Power			
Graduate	15.00	15.00	n/a
Junior	13.75	13.75	13.75
Electrical			
Graduate	24.00-37.00	30.57	30.63
Senior	18.00-24.46	20.15	22.25
Junior	13.00-24.00	19.35	19.80
Sophomore	10.75-16.00	13.38	13.38
Industrial & Management			
Graduate (DSES)	22.00-33.65	26.22	27.83
Senior	16.00-23.30	18.67	19.00
Junior	17.85-20.55	19.73	17.57
Sophomore	n/a	n/a	21.14

Materials			
Senior	19.00-20.75	19.88	n/a
Junior	18.00-21.92	20.14	n/a
Sophomore	n/a	n/a	18.50
Mechanical			
Graduate	16.00-25.96	21.32	26.75
Senior	12.00-23.07	18.642	18.28
Junior	14.25-22.50	18.04	18.26
Sophomore	16.70-20.00	18.23	18.23
School of Humanities, Arts & Social Sciences			
Design, Innovation & Society			
Senior	16.00-18.00	17.33	30.00
Junior	n/a	n/a	18.00
Electronic, Media Arts & Communication			
Senior	11.54-20.00	15.09	n/a
Junior	n/a	n/a	14.30
Gaming			
Senior	11.00	11.00	n/a
School of Management			
Graduate	10.00-33.50	20.17	33.50
Senior	15.00-21.00	19.00	n/a
Junior	15.38-19.00	17.19	18.27
School of Science			
Computer Science			
Graduate	15.00-40.50	33.74	34.58
Senior	14.42-20.13	19.27	22.63
Junior	13.00-21.00	17.60	17.81
Sophomore	21.00	21.00	12.00
Information Technology			
Graduate	29.00-72.12	41.20	33.00
Senior	20.00	20.00	n/a
Junior	20.00	20.00	20.67
Mathematics			
Senior	19.00	19.00	n/a
Physics			
Graduate	28.04-38.50	33.27	33.57
Junior	n/a	n/a	15.96

CO-OP ENROLLMENT ANALYSIS - UNDERGRADUATES 2008 - 2009

	Co-op Students Who Were On Assignment by class year				Co-op Students Who Were Not on Assignment	Total	Students Eligible for Co-op (Exclud- ing Freshmen)	Total Co-ops As Percentage Of Eligible Enrollment
	So	Jr	Sr	Total				
ENGINEERING								
Aeronautical	0	4	19	23	32	55	274	20.0%
Biomedical	0	5	12	17	19	36	263	7.3%
Chemical	0	5	11	16	7	23	213	10.8%
Civil	0	2	3	5	9	14	222	6.3%
Computer & Systems	0	1	5	6	18	24	198	12.1%
Electric Power	0	0	0	0	2	2	20	10.0%
Electrical	1	6	19	26	28	54	259	20.8%
Industrial & Management	0	3	4	7	10	17	110	15.5%
Materials	0	2	3	5	6	11	76	14.5%
Mechanical (includes dual DIS)	1	27	43	71	86	157	574	27.4%
Nuclear	0	1	0	1	1	2	101	0.0%
Subtotal	2	56	119	177	218	395	2310	17.1%
HUMANITIES ARTS & SOCIAL SCIENCES								
Electronic Media, Arts & Communication	0	0	2	2	5	7	107	6.5%
Games & Simulation Arts & Sciences	0	0	1	1	2	3	21	14.2%
Subtotal	0	0	3	3	7	10	128	7.8%
INFORMATION TECHNOLOGY								
Information Technology	0	4	2	6	8	14	86	16.3%
Subtotal	0	4	2	6	8	14	86	16.3%
MANAGEMENT								
Management (includes dual DIS)	1	1	4	6	11	17	253	6.7%
Subtotal	1	1	4	6	11	17	253	6.7%
SCIENCE								
Chemistry	0	0	0	0	1	1	58	0.0%
Computer Science	0	4	10	14	15	29	277	10.5%
Mathematics	0	0	4	4	2	6	97	6.2%
Subtotal	0	4	14	18	18	36	432	8.3%
TOTAL	3	65	142	210	260	470	3209	14.6%

Note: Freshmen are excluded from calculation as they are not eligible to participate in Co-op.

CO-OP ENROLLMENT ANALYSIS - GRADUATE STUDENTS 2008 - 2009

MAJOR	Co-op Students Who Were on Assignment	Co-op Students Who Were Not on Assignment (On Campus)	TOTAL
SCHOOL OF ARCHITECTURE			
Architecture	1	1	2
Lighting	1	0	1
Subtotal	2	1	3
SCHOOL OF ENGINEERING			
Chemical	3	3	6
Computer & Systems	1	1	2
Decision Sciences & Engineering Systems	4	3	7
Electric Power	3	1	4
Electrical	8	17	25
Mechanical	4	2	6
Subtotal	23	27	50
INFORMATION TECHNOLOGY			
Information Technology	11	9	20
Subtotal	11	9	20
SCHOOL OF MANAGEMENT			
MBA	19	3	22
Subtotal	19	3	22
SCHOOL OF SCIENCE			
Chemistry	1	2	3
Computer Science	7	15	22
Mathematics	1	1	2
Physics	2	6	8
Subtotal	11	24	35
TOTAL	66	64	130