

Post-Graduation Survey Results 2013-2015
College of Engineering
MATERIALS SCIENCE AND ENGINEERING
Bachelor of Science

EMPLOYERS AND JOB TITLES (2013-2015)

Employer	Job Title	City	State/Country
2015			
ATI	Material Science Engineer	Oakdale	PA
Bayer Healthcare	Associate Engineer	Indianola	PA
Beam tech/Venture for America	Fellow	Columbus	OH
Delta Delta Delta	Field Consultant		
Department of Defense	Crypto Analyst	Fort Mead	MD
Epic Systems	Technical Services	Madison	WI
General Dynamics Electric Boat	Engineer 1	Groton	CT
Linde	Marketing and Innovation Development Program	Murray Hill	NJ
Los Alamos National Laboratory	Post-Baccalaureate Researcher	Los Alamos	NM
Northrop Grumman	Process Engineer	Baltimore	MD
Raytheon	Mechanical Engineer	Andover	MA
Stryker	Materials Analysis Engineer	Mahwah	NJ
Treyz Law Group	Scientific Advisor	Scottsdale	AZ
United Technologies Aerospace Systems	Associate Engineer	Windsor Locks	CT
Wyss Institute of Biologically Inspired Engineering	Fellow	Cambridge	MA
2014			
Accenture (2)	Business & Systems Integration Analyst	Pittsburgh	PA
	Consultant	New York	NY
Ambri	Engineering Technician	Cambridge	MA
Carnegie Mellon University	Materials and Mechanical Engineer	Pittsburgh	PA
EriKoenig Management Consulting	Unknown	Shanghai	China
Federal Mogul	Test Engineer	Exton	PA
GE Transportation	Operations Management Leadership Program	Erie	PA
GKN Hoeganaes	Research Engineer	Cinnaminson	NJ
IBM	Business Analytics Consultant	Washington	DC
ICF International	Research Assistant	Washington	DC
Naval Research Laboratory	Research Scientist	Washington	DC
Pittsburgh Glass Works	Process Engineer	Pittsburgh	PA
Pricewaterhouse Coopers	Management Consultant	New York	NY
Schlumberger	Field Engineer	Cheyenne	WY
Timken Steel	Steel Business Associate-Sales Engineer	Canton	OH
Veterans Affairs Pittsburgh Healthcare System	System Engineer / Data Analyst	Pittsburgh	PA
2013			
Accenture	Systems Integration Analyst	Philadelphia	PA
Agilent Technologies	Field Service Engineer	Santa Clara	CA
Boeing	Composites Intern	Seattle	WA
Booz Allen Hamilton	Consultant	Roslyn	VA
Capital One	Business Systems Analyst	McLean	VA
Chip Ganassi Racing	Engineer	Indianapolis	IN
Cook Medical	Product Development Engineer	Bloomington	IN
DSO National Laboratories	Research Engineer		Singapore
Epic (2)	Technical Services	Verona	WI
	Project Manager	Madison	WI
Food and Drug Administration	Researcher	Washington	DC

IBM	Consulting by Degrees Consultant	New York	NY
Intel	Process Engineer	Phoenix	AZ
Rice University	Research Assistant	Houston	TX
University of Pittsburgh Department of Emergency Medicine	Research Specialist	Pittsburgh	PA
W.L. Gore & Associates	Quality Engineer	Elkton	MD

EMPLOYMENT BY GEOGRAPHIC REGION (2013-2015)

Region	Number of Graduates	Percentage
Northeast: CT, MA, ME, NH, NY, RI, VT	7	16%
Mid-Atlantic: DC, DE, MD, NJ, PA, VA, WV	22	49%
Southwest: AZ, NM, OK, TX	4	9%
West: CA, HI, NV	1	2%
Southeast: AL, AR, FL, GA, KY, LA, MS, NC, PR, SC, TN	0	0%
Midwest: IA, IL, IN, KS, MI, MN, MO, ND, NE, OH, SD, WI	7	16%
Northwest : AK, CO, ID, MT, OR, UT, WA, WY	2	4%
International	2	4%

SALARIES FOR 2015

Maximum	Minimum	Mean	Median
\$90,000	\$22,500	\$59,945	\$68,000

GRADUATE AND PROFESSIONAL SCHOOLS SELECTED (2013-2015)

Institution	Program	Degree
2015		
Carnegie Mellon University (8)	Biomedical Engineering (2)	MS
	Materials Science and Engineering (6)	MS
Pennsylvania State University	Material Science	MS
Rice University	Bioengineering	PhD
University of California Davis	Materials Science and Engineering	PhD
University of Chicago	Mathematics	PhD
2014		
Carnegie Mellon University (6)	Biomedical Engineering (5)	MS
	Material Science and Engineering	MS
Duke University	Biomedical Engineering	PhD
Sheffield Hallam University	Sports Engineering	MS
University of California Irvine	Mechanical Engineering	MS
University of California San Diego	Material Science	PhD
University of Chicago	Material Science and Engineering	MS
University of New Mexico	Mechanical Engineering	
University of Virginia	Biomedical Engineering	PhD
2013		
Carnegie Mellon University (15)	Biomedical Engineering	MS
	Healthcare Policy and Management	MS
	Material Science and Engineering (12)	MS
	Material Science and Engineering	PhD
Cornell University	Bioengineering and Biomedical Engineering	PhD
Duke University	Neurobiology	PhD
University of California-Berkley	Material Science and Engineering	PhD

2015 SUMMARY OF BS MATERIALS SCIENCE AND ENGINEERING POST GRADUATION PLANS

Total Graduates	Employed	Continuing Education	Other	Seeking	No Information Available
34	15	13	3	3	0

*Salaries do not include internships, military, volunteer or those outside of the U.S.

***This report was finalized on December 23, 2015

Note 1: Other = volunteer, military, return to home country, seeking graduate school, or delay in post graduate search

Note 2: This data includes 1 student who received their BS and MS in May 2015

Note 3: Some recent graduates chose not to provide an employer, job title and/or graduate school with their response.

Source: Post-graduation data compiled with information from 99% of College of Engineering BS graduates.

EMPLOYERS AND JOB TITLES (2013-2015)

Employer	Job Title	City	State/Country
2014 & 2015 (Combined)			
AGC (Asahi Glass Company)	R&D Project Leader	Ypsilanti	MI
Alcoa	MCS Analyst		PA
Boeing	Level 2 Engineer	Charleston	SC
Carnegie Mellon University- SV	Intern	Moffett Field	CA
Cree	Process Development Engineer	Durham	NC
Deloitte	Analyst		Outside of the United States
Driven Innovation LRV	Mechanical Engineer	Freemont	CA
H2Scan Corporation	Sensor Engineer	Valencia	CA
Hitachi and SAN Solutions	Business Development Engineer		
Intel	Process Engineer	Chandler	AZ
LifeShel	Co-Founder	Pittsburgh	PA
Lockheed Martin	Aeronautical Engineer	Fort Worth	TX
L'Oréal Research and Innovation (2)	Chemist	Clark	NJ
	Scientist	Clark	NJ
Nucor Steel	Melt Cast Metallurgist	Crawfordsville	IN
Oxylane Group	Quality Production Leader	Shenzhen	China
Raytheon	Multi-Disciplined Engineer II	El Segundo	CA
Swagelok	Engineer	Cleveland	OH
Timken	Sales Engineer	Canton	OH
Webi International English School	Consultant	Urumqi	China
2013			
Boeing	Metallurgical Engineer	Seattle	WA
DSO National Laboratories	Research Scientist	Singapore	
GE Aviation	Materials Application Engineer	Lynn	MA
Intel Corporation	Process Engineer	Chandler	AZ
Northrop Grumman	Engineer Systems 2	El Segundo	CA
Schlumberger	Materials Intern	Boston	MA
SKIM	Associate Project Manager	Hoboken	NJ

SALARIES FOR 2014 & 2015 (Combined) - MS MATERIALS SCIENCE AND ENGINEERING/MATERIALS SCIENCE*

Maximum	Minimum	Mean	Median
\$95,000	\$60,000	\$72,026	\$71,279

EMPLOYMENT BY GEOGRAPHIC REGION (2013-2015)

Region	Number of Graduates	Percentage
Northeast: CT, MA, ME, NH, NY, RI, VT	2	8%
Mid-Atlantic: DC, DE, MD, NJ, PA, VA, WV	5	19%
Southwest: AZ, NM, OK, TX	3	12%
West: CA, HI, NV	5	19%
Southeast: AL, AR, FL, GA, KY, LA, MS, NC, PR, SC, TN	2	8%
Midwest: IA, IL, IN, KS, MI, MN, MO, ND, NE, OH, SD, WI	4	15%
Northwest : AK, CO, ID, MT, OR, UT, WA, WY	1	4%
International	4	15%

GRADUATE AND PROFESSIONAL SCHOOLS SELECTED FOR 2014 & 2015**

Institution	Program	Degree
Carnegie Mellon University	Chemistry	PhD
	Material Science and Engineering	PhD
Northwestern University	Materials Science & Engineering	PhD
SUNY Albany College of Nanoscience and Nanoscale Engineering	Nanoengineering	PhD
University of California Davis	Materials Science & Engineering	PhD
University of Delaware	Materials Engineering	PhD
University of Washington-Seattle Campus	Materials Science and Engineering	PhD
West Virginia University	Unknown	PhD

2015 SUMMARY-MS MATERIALS SCIENCE AND ENGINEERING/MATERIALS SCIENCE POST GRADUATION PLANS**

Total Graduates	Employed	Continuing Education	Seeking	Other	No Information Available
32	4	18	4	3	3

*Salaries do not include military, volunteer or those outside of the U.S.

**Information for Master's degree candidates includes PhD students/candidates who earned a Master's degree as part of the PhD program to which they were already enrolled.

Source: Post-graduation data compiled with information from 89% CIT MS graduates.
This report was finalized on August 7, 2015.

Note: All professional experiences reported are listed. Some recent graduates chose not to provide an employer, job title, location, salary and/or graduate school with their response. Other = volunteer, military, return to home country, seeking graduate school, or delay in post graduate search.

Post-Graduation Survey Results 2013-2015
College of Engineering
MATERIALS SCIENCE AND ENGINEERING
PHD

EMPLOYERS AND JOB TITLES (2013-2015)

Employer	Job Title	City	State/Country
2015			
Aquion Energy	Consultant		PA
Carnegie Mellon University (2)	Postdoctoral Researcher	Pittsburgh	PA
	Postdoctoral Fellow	Pittsburgh	PA
Fischione Instruments	Unknown	Export	PA
Mylan	Formulation Scientist	Morgantown	WV
Naval Research Laboratory	Postdoctoral Associate	Washington, DC	DC
PPG	R&D Engineer I	Pittsburgh	PA
Vallourec Star	Senior Process Engineer	Youngstown	OH
2014			
BlueQuartz Software	Research Scientist	Dayton	OH
CASE Forensics	Materials Engineer	Seattle	WA
Custom Microwave	Materials Engineer	Longmont	CO
GE Global Research	Research Engineer in High Temperature Alloys	Niskayuna	NY
Intel	PTD Mod & Integr Yield Eng - CR BEOL Integration Engineer	Hillsboro	OR
King Mongkut's University of Technology Thonburi	Faculty	Bangkok	Thailand
Oak Ridge National Laboratory	Post-Doctoral Researcher	Oak Ridge	TN
SenSevere	Engineer	Pittsburgh	PA
Western Digital Corporation (2)	Staff Engineer	San Jose	CA
	Staff Engineer	San Jose	CA
2013			
Bettis Marine Propulsion Corporation	Senior Engineer	West Mifflin	PA
Carnegie Mellon University	Postdoctoral Research Fellow	Pittsburgh	PA
Carpenter Technology	Research Metallurgist	Reading	PA
Cornell University	Postdoctoral Research Fellow	Ithaca	NY
George Washington University	Postdoctoral Research Fellow	Washington	DC
Intel (3)	Process Engineer	Portland	OR
	Engineer	Portland	OR
	Module & Integration Yield engineer	Hillsboro	OR
Seagate	Senior Product Design Engineer	Bloomington	MN
Saint-Gobain Abrasives	Senior Research Engineer	Worcester	MA
US Army Research Laboratory	Postdoctoral Research Fellow	Aberdeen Proving Ground	MD

SALARIES FOR 2015 - PhD MATERIALS SCIENCE AND ENGINEERING**

Maximum	Minimum	Mean	Median
\$95,000	\$40,000	\$70,724	\$ 75,621

EMPLOYMENT BY GEOGRAPHIC REGION (2013-15)

Region	Number of Graduates	Percentage
Northeast: CT, MA, ME, NH, NY, RI, VT	3	10%
Mid-Atlantic: DC, DE, MD, NJ, PA, VA, WV	13	45%
Southwest: AZ, NM, OK, TX		
West: CA, HI, NV	2	7%
Southeast: AL, AR, FL, GA, KY, LA, MS, NC, PR, SC, TN	1	3%
Midwest: IA, IL, IN, KS, MI, MN, MO, ND, NE, OH, SD, WI	3	10%
Northwest : AK, CO, ID, MT, OR, UT, WA, WY	6	21%
International	1	3%

2015 SUMMARY – PHD MATERIALS SCIENCE AND ENGINEERING POST GRADUATION PLANS

Total Graduates	Employed	Continuing Education	Seeking	Other	No Information Available
10	8	0	0	1	1

*Salaries do not include military, volunteer or those outside of the U.S.

PHD salary information **includes post-doctoral positions.

Source: Post-graduation data compiled with information from 93.6% CIT PHD graduates.

This report was finalized on August 7, 2015.

Note: All professional experiences reported are listed. Some recent graduates chose not to provide an employer, job title, location, salary and/or graduate school with their response. Other = volunteer, military, return to home country, seeking graduate school, or delay in post graduate search.