# YOUR Graduate School of Engineering

#### 130 Snell Engineering Building

- ✓ Admissions
- ✓ Administrative Staff
- ✓ Student Services
- ✓ Co-op Education Program
- ✓ Online Programs

# Be Informed

#### Northeastern University

College of Engineering

CONNECT APPLY GIVE

Search Q

Why COE?

Academics

Co-op & Experiential Learning

Faculty & Research

Community

**News & Events** 

Home > Academics > Graduate School of Engineering

#### Graduate School of Engineering



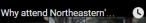
The Northeastern graduate engineering programs are predominantly interdisciplinary and are organized around a core curriculum that equips students with a solid foundation to become leaders in all facets of engineering. By involving students in many levels of research, encouraging collaboration across departments, and partnering with outside institutions and organizations, Northeastern Engineering graduate students gain a rich education in their chosen discipline.

The College of Engineering offers more than 40 degree and certificate opportunities that prepare students for technical and leadership positions. **Flexible program formats** include traditional full-time, part-time, online, and hybrid options tailored to individual student needs.

Research and cooperative education opportunities, professional and social campus organizations, and a strong alumni community enhance the academic experience and enable students to expand their knowledge while building lifelong professional and personal networks.

We invite you to explore this site to learn about our offerings and the student experience.

Graduate Admissions



#### **Events**

No Upcoming Events

VIEW ALL EVENTS ()

#### News

August 19, 2015

#### Check out Chris Lazar's Blog!

Written by Christopher Lazar, an MS student in Telecommunication Systems Management.

August 18, 2015

#### PhD Student Wins Mobile Defense Challenge

MIE PhD student Shadi Emam was on the winning team of Finjan Holdings, Inc.'s Mobile Defense Challenge 2015.

August 12, 2015

#### Check out Rohit Gawli's Blog!

Written by Rohit Gawli, who is pursuing his MS in Engineering Management at Northeastern University, Seattle.

# Be Inspired







# Be Networked





The

# GORDON ENGINEERING LEADERSHIP PROGRAM

at Northeastern University

**Program Overview** 

# What is the Gordon Program?

- Selective engineering leadership program focused on leading teams to successfully implement projects
- Complete as part of a range of MS programs
  - Bioengineering
  - Chemical Engineering
  - Civil Engineering
  - Computer Systems Engineering
  - Electrical and Computer Engineering
  - Energy Systems

- EngineeringManagement
- Industrial Engineering
- Information Systems
- Mechanical Engineering
- Operations Research
- Sustainable Building Systems
- For most programs, participating in GEL does not increase the number of credits required for your degree

# Why become a Gordon Fellow?

- Learn to *inspire and influence* teams to deliver superior results
- Expand your understanding of advanced technical concepts
- Lead an industry-focused Challenge Project based on an organization's strategic needs
- Advance your career with support from a personalized team of academic and industry mentors

## **How it Works**

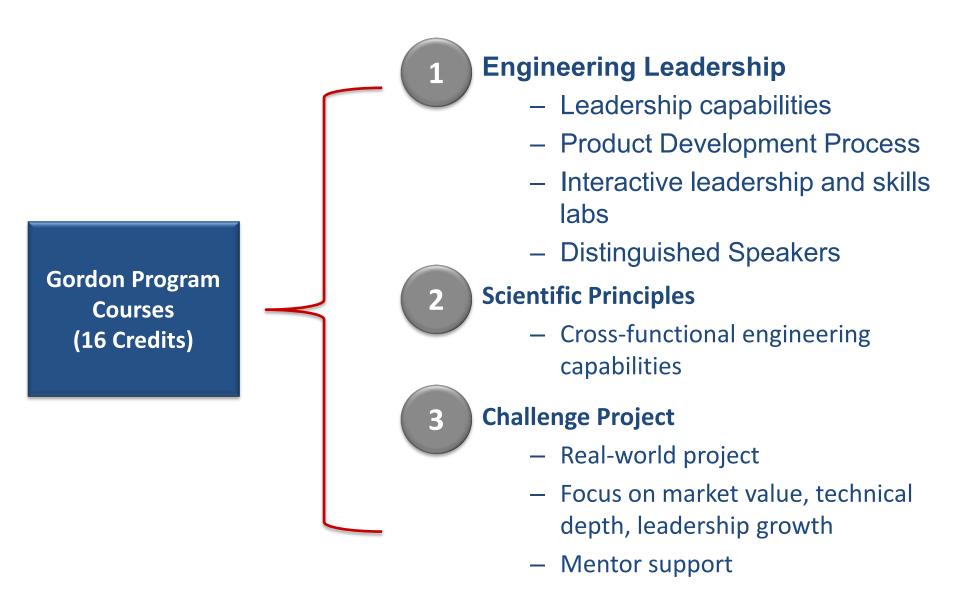
Master of Science
Courses
(typically 16
Credits)

+ Courses (16 Credits)

Master of Science Degree

and

Graduate Certificate in
Engineering Leadership
and
"Gordon Fellow"
designation



# **Admissions Requirements**

- Strong motivation and potential to develop as an engineering leader
- Solid record of academic performance
- Experience in the field of engineering (co-ops and internships will be considered)
- An *industry sponsor* to support your Challenge Project (typically a full-time or internship employer)

# **Next Step: Contact Us**

The Gordon Engineering Leadership Program Stearns Center, Suite 415
<a href="mailto:gordonleadership@neu.edu">gordonleadership@neu.edu</a>
(617) 373-6052

www.northeastern.edu/gordonleadership

# Graduate Cooperative Education (Co-op) Program Overview







# Graduate Co-op

Graduate Cooperative Education is a plan of education that combines periods of academic study with a period of employment that is career <u>and</u> academic discipline related.





Remember that co-op is just one of many opportunities you have available at Northeastern and it is not for everyone.

# If you are interested in Graduate Co-op:

- Need to be a full-time student; completed at least 16 credits
- Need to complete:
  - ENCP 6000 Career Management for Engineers (Professional Master's Students—Comp Sys Engr, Energy Sys, Engr Mngmt, Info Sys, Telcom Sys Mngmt, Sus Bldg Sys) – You will receive an email Wednesday with instructions for signing up for this course.
  - ENCP 6100 Introduction to Co-op (BioE, ChemE, CE, IE, ME, OR students)
  - EECE 6000 Introduction to Co-op (EECE students)
- Meet all COE policy standards (GPA, terms completed/remaining, min/max length of co-op, academic approval, etc.) <a href="http://www.coe.neu.edu/graduate-co-op/graduate-co-op-eligibility-and-requirements">http://www.coe.neu.edu/graduate-co-op/graduate-co-op-eligibility-and-requirements</a>
- For questions contact your appropriate co-op advisor (found at <u>Graduate</u> <u>Co-op Support Center</u>)

# Sample of Current Employers



ORACLE"



















# Lisa O'Neill, Director Graduate Student Services



# Resources Responsibilities Assistance

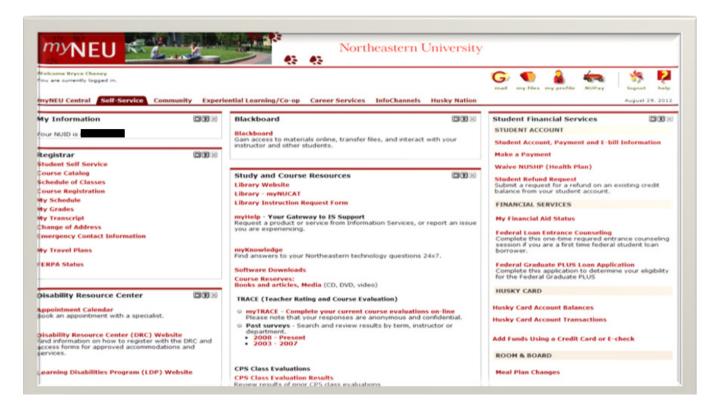
# **RESOURCES**

# myNEU

## http://myneu.edu

#### Your myNEU account will allow you to manage:

- Course registration
- Email
- Billing
- Blackboard
- Husky card
- · Co-op
- and more....





# Manage Your Email ~ myNEU

xxxx@husky.neu.edu

NEU & the GSE will use your official husky email address to communicate with you.

Always use your husky email to communicate with us – and <u>always</u> include your NUID

Make sure your husky email address is either your primary email, or you forward it to a primary email, and that you check it often.

# Graduate School of Engineering Website

www.coe.neu.edu/academics/graduate-school-engineering

#### **Graduate Student Services**



The graduate school of engineering offers a variety of services to students to help ensure they receive the most c experience and are encouraged to contact us with any questions. Some of our services include the facilitation of graduation clearance, administration of stipended graduate assistantships, and review of ISSI forms for internation

Most information for current students can be found by reviewing the links below.

#### Student Services Information

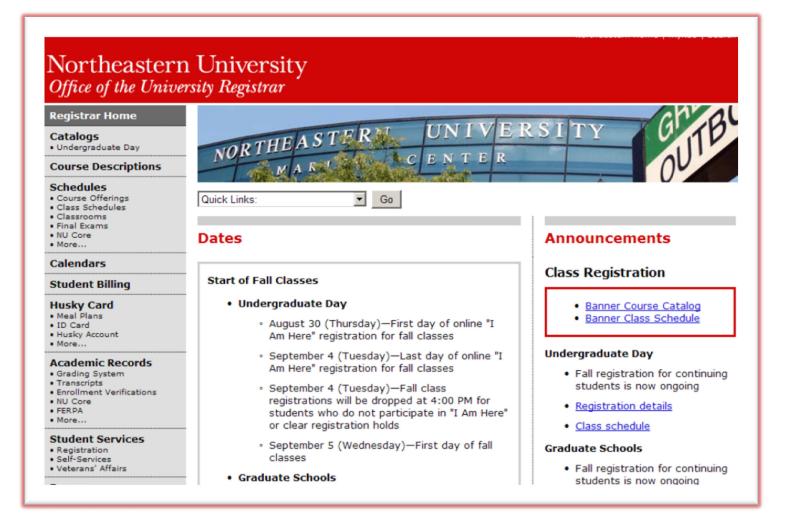
- Academic Policies and Procedures
- Co-op
- Course Registration
  - Registration Override Request Form (with instructions)
  - Waitlist Instructions
- English Language Development Program (ELDP)
- Forms

#### University Quick Links

- Career Development
- Graduate Student Government
- Husky Card office
- International Student & Scholar Institute (ISSI)
- Registrar's office
  - Academic Calendar
  - Course Schedules
  - Incomplete Grade Policy

# Registrar's Office (271 Huntington Ave.)

www.neu.edu/registrar



# Official University Calendar

www.northeastern.edu/registrar/cal1516-gs-exp-s.pdf

#### 2015–2016 Graduate Semester Expanded Academic Calendar

Fall 2015	Oct 26 Monday	Spring 2016	Feb 29 Monday  • First day of second-half spring		
I all 2015	First day of second-half fall	Opining 2010			
Registration begins April 10, 2015	classes	Registration begins	classes		
for continuing students;	Oct 27 Tuesday	November 13, 2015	Mar 1 Tuesday		
May 13, 2015 for new students  Sep 7 Monday	Faculty grade deadline at 2:00 p.m. for first-half fall	Jan 11 Monday	Faculty grade deadline at 2:00 p.m. for first-half spring classes		
Labor Day	classes	First day of full-semester and			
	Oct 28 Wednesday	first-half spring classes	Mar 2 Wednesday		
Sep 9 Wednesday	<ul> <li>Grades for first-half fall classes</li> </ul>	Jan 18 Monday	<ul> <li>Grades for first-half spring</li> </ul>		
First day of full-semester and	on myNEU (myneu.neu.edu)	Martin Luther King Jr.'s Birthday	classes on myNEU		
first-half fall classes	Nov 8 Sunday	observed, no classes	(myneu.neu.edu)		
Sep 22 Tuesday	· Last day of online class add for	Jan 22 Friday	Mar 6 Sunday		
<ul> <li>Last day of online class add for</li> </ul>	second-half fall classes	Optional makeup day	First day of spring break     Mar 14 Monday     Classes resume     Mar 20 Sunday     Last day of online class add for second-half spring classes     Last day to drop a second-half		
full-semester and first-half fall	. Last day to drop a second-half	Jan 25 Monday			
classes	fall class without a W grade	Last day of online class add for full-semester and first-half spring classes     Last day to drop a first-half			
Last day to drop a first-half fall	Nov 11 Wednesday				
class without a W grade	<ul> <li>Veterans' Day, no classes</li> </ul>				
Sep 29 Tuesday	Nov 13 Friday				
<ul> <li>Last day to drop a full-semester</li> </ul>	Spring registration begins	spring class without a W grade			
fall class without a W grade	Nov 25 Wednesday	Feb 1 Monday	spring class without a W grade		
Oct 12 Monday	First day of Thanksgiving recess,	<ul> <li>Last day to drop a full-semester</li> </ul>	Apr 8 Friday		
<ul> <li>Columbus Day observed, no</li> </ul>	no classes	spring class without a W grade	Fall registration for continuing		
classes	Nov 30 Monday	Feb 15 Monday	students begins		
Oct 18 Sunday	Classes resume	· Presidents' Day, no classes	Apr 18 Monday		
<ul> <li>Last day to drop a first-half fall</li> </ul>	0.00000.0000	Feb 19 Friday	Patriots' Day, no classes		
class with a W grade	Dec 12 Saturday	Summer registration begins			
Oct 19 Monday	<ul> <li>Last day of fall classes</li> </ul>	Ontineed restrained designs	Apr 23 Saturday		

September 9 - first day of classes

September 22 - last day of online class add

September 29 - last day to drop a class with a full refund

October 12 – Holiday (no classes)

# **University Graduate Catalog**

www.northeastern.edu/registrar/catsugd.html#gr

Look here to find:



- Official curriculum requirements and elective course options for each degree program
- Northeastern University and Graduate School of Engineering Academic Policies & Procedures
- Code of Student Conduct
- Students' Bill of Academic Rights and Responsibilities

# International Student & Scholar Institute (ISSI)

#### Be mindful of Academics & Visa Status

- Provides information on: student immigration status, SEVIS, Co-op Employment, Employment & Tax Information, OPT/CPT.
- Get involved and participate in the ISSI community. ISSI coordinates many different activities and events.



**CHECK WITH ISSI!** 



# **RESPONSIBILITIES**

## **GSE Academic Requirements**



- ✓ Complete your degree program by meeting all academic requirements specified in the 2015-2016 Graduate Catalog.
- ✓ Cumulative Grade Point Average (GPA) must be greater than or equal to
   3.000 (B average) to remain in good academic standing
- ✓ Grade of "C" or better in all required core courses (some programs have additional requirements)
- ✓ To qualify to graduate, a student must attain a cumulative Grade Point Average (GPA) of 3.000 or higher with no more than eight semester hours below the grade of 'B-' in all courses applied toward the degree

# **Academic Probation Policy**

www.coe.neu.edu/academic-advising/academic-policies-procedures

- Cumulative GPA below 3.000 (B average) = student considered in "academic probation" status.
- Cumulative GPA <3.000 for two terms = subject to academic dismissal.
- Last year, ~100 students on probation each term. 7 students dismissed.
- Policy and procedure are found on the Graduate School of Engineering website.
- ✓ If you haven't already done so, read and verify having read the complete policy online

# **Academic Integrity Policy**

www.northeastern.edu/osccr/academic-integrity-policy

- When completing any academic assignment, a student shall rely on his or her own mastery of the subject.
- When completing any academic assignment, a student shall provide a proper citation or attribution when using another's words, ideas, data, code, or other original academic material.

Incidents of cheating and plagiarism are reported to the Office of Student Conduct and Conflict Resolution (OSCCR), investigated, and appropriate consequences ensue.

# Office of Student Conduct and Conflict Resolution (OSCCR)

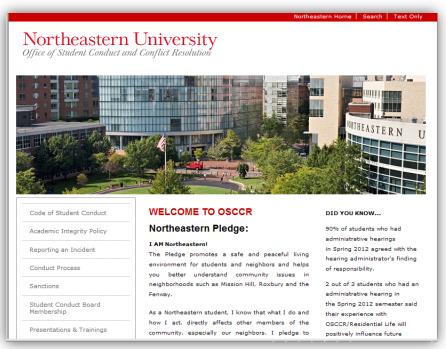
"...policies and procedures to protect the rights of members of the University community..."

#### **Code of Student Conduct**

www.northeastern.edu/osccr/codeofconduct/index.html

### **Academic Integrity Policy**

www.northeastern.edu/osccr/academicintegrity/index.html



# **ASSISTANCE**

# Graduate Student Services (GSS) 130 Snell Engineering

- ✓ Academics -- partner with your faculty advisor
  - Guidance on course selection = faculty advisor
  - Technical course registration assistance = student services
- ✓ Academic Probation
- ✓ Graduation Requirements



- ✓ Stipended Graduate
  Assistantships, Fulbright
  Scholars, Fellowships –
  GSS administers
- International students partner with the ISSI
   Office on academic
   matters affecting your
   visa (SEVIS contact)
- Newsletters -- timely reminders, events, opportunities - check your husky email!

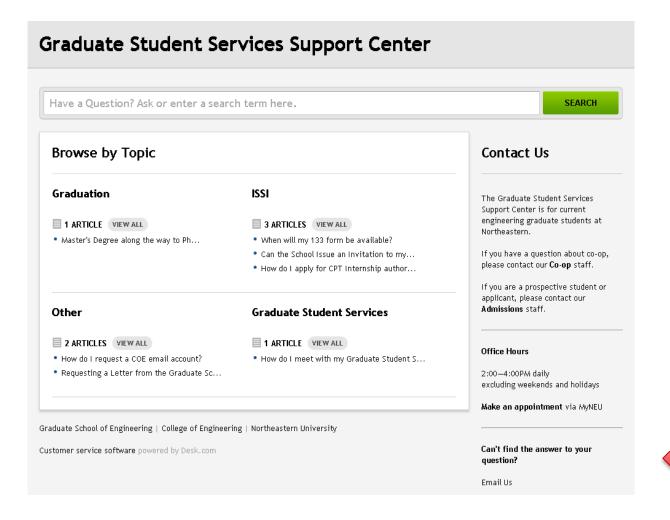
### **Your Student Services Contact:**

sa O'Neill D Students	<b>Secile Braun-Jones</b> Students		i <b>cia Dowd</b> S & PhD	<b>iyanka Bishnoi</b> S Students
Information Assurance	Chemical Engineering Civil Engineering Energy Systems Industrial Engineering Mechanical Engineering Operations Descared		Computer Systems Engineering Information Systems Telecommunication Systems Mgmt	Electrical and Computer Engineering Engineering Management
Interdisciplinary PhD Mechanical Engineering Network Science	Operations Research Sustainable Building Systems	_	Bioengineering	

## **Student Services Support Center**



#### www.neu.edu/gradstudentservices



## **COURSE REGISTRATION**

## **Online Courses**

#### **V35 (Video Streaming) Course**

- Video Streaming Instructional Method—videos from on ground course (V30)
- Available to PT students (FT students with approved petition)

#### **VTL (Virtual) Course**

- Online Instructional Method—online instructional activities and periodic online meetings
- Available to FT and PT students
- ✓ On Blackboard via myNEU, see course "GSE New Student Orientation" to learn platforms/tools used by your program
- ✓ Access via <u>blackboard.neu.edu</u>
- ✓ International students must take **min. 4 on ground credits** per term (except during summer)
- ✓ In cases where a student is unable to travel to campus for exams, the student must make arrangements for an exam proctor

## Online Registration

**Problem:** Registration Add Error

#### Add or Drop Classes

Use this page to add or drop classes for the selected term. Classes for which the student has in the Add Classes Worksheet. Classes may be dropped using the options available in the Actic

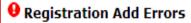
You may choose Class Search to review the class schedule.

Co requisite registration requires all CRNs to be registered at the same time so please use the

Withdraw Drop- W Grade: It is recommended that you meet with your Instructor and Adviso

Name:

Program: MSIE Industrial Engineering



Status CRN Subj Crse Sec Level Cred Grade Mode Title

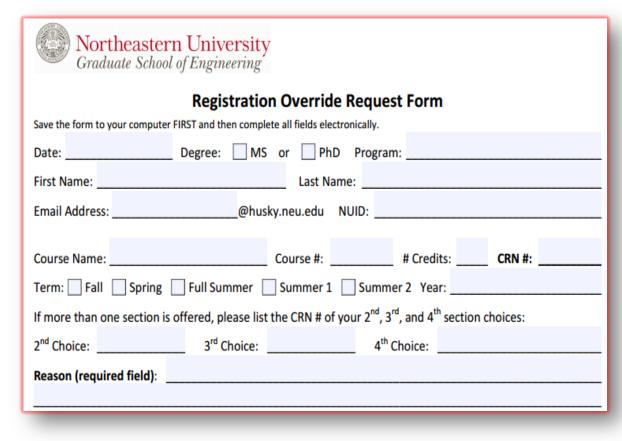
Program Restriction 11514 CHME 9990 01 Graduate 0.000 Pass/Fail Dissertation





## Online Registration

#### **Solution:** Registration Override Request Form



Where do I find it?

Online: <a href="http://www.coe.neu.edu/student-services/graduate-forms">http://www.coe.neu.edu/student-services/graduate-forms</a>

Paper copies: 130 Snell

#### **YOUR FIRST QUIZ**

If you have a "registration add error" you should...?:

- 1) Call office
- 2) Emale E office
- 3) Walk to GSE office
- 4) Ema yur advisor



5) Complete & submit Override Form to GSE office



#### For Other Assistance

#### 130 Snell Engineering



Walk-In Hours (Sept. 2<sup>nd</sup> to Sept. 11): M-F, 10:00 am to

12:00 noon, and 2:00 pm to 4:00 pm

Regular Walk-In Hours (beg. Sept. 14): M-F, 2:00 pm to 4:00 pm

When you visit the GSE Office, bring with you:

- Your NUID (myNEU; not on your Husky Card)
- Course information
- CRN (5-digit # identifying course section)

## **University Health and Counseling Services**

www.northeastern.edu/uhcs

Located in Forsyth Building, 1st Floor



Students are automatically enrolled in NUSHP.

For information:

www.northeastern.edu/nushp



# What is Title IX?

- O Title IX of the Education Amendments of 1972 prohibits discrimination on the basis of sex or gender in educational programs that are eligible for Title IV funding (e.g. federal financial aid).
- O Sexual assault, sexual misconduct, stalking, domestic/dating violence and other forms of sexual harassment are considered discrimination on the basis of sex or gender and are prohibited by Title IX.
- O The University is obligated to investigate reports of prohibited offenses under Title IX, remedy the effects of such offenses and take steps to prevent their recurrence.
- O The University's obligation to investigate is triggered when it knows or should reasonably know of a report of a prohibited offense.

## Basic Information & Resources

 Policy on Rights and Responsibilities under Title IX and Code of Student Conduct

Can be found on the University's website

O Title IX Coordinator in the Office of Institutional Diversity and Inclusion ("OIDI")

**Located in 125 Richards Hall** 

- Northeastern University Police Department ("NUPD")
   Located in Columbus Place or at x2121
- University Health and Counseling Services ("UHCS")
   Located in the Forsyth Building or at x2772
- ViSION (Violence Support, Intervention & Outreach Network)

www.northeastern.edu/vision vision@neu.edu

# Students' Rights under Title IX

O <u>Investigation</u>: NU will investigate allegations of prohibited offenses consistent with a student's request for confidentiality.

O <u>Interim Remedies</u>: NU provides many resources to students involved in allegations of sexual assault.

O <u>Criminal Process</u>: NU will work with a student seeking to pursue criminal charges for a prohibited offense; this is an external process.

O <u>Disciplinary Action</u>: NU may take disciplinary action against any student alleged to have committed a prohibited offense.



# Student Rights: interim remedies

- O Interim Remedies are options offered or steps taken by the University to remedy a claim of a prohibited offense. They include options for:
  - O On- and/or off-campus **medica**l, **counseling** and other related services;
  - O Alternate housing arrangements;
  - O Altered academic class schedules and/or obligations;
  - O Altered **student organization schedules** and/or obligations;
  - O Alternate transportation;
  - O Assistance from **local law enforcement**;
  - O A University-issued no-contact order; and
  - O Assistance in seeking a judicial no-contact, restraining and/or protective order.
- O Student witnesses, respondents and victims/survivors all have options for interim remedies.

# Where to report?



- O Students are strongly encouraged to report allegations of prohibited offenses.
- O Students may report allegations of prohibited offenses to NUPD and/or OIDI.
- O Discussions with a counselor at UHCS are **privileged** and may not be disclosed without the student's consent.
- O Reports to counselors at UHCS may not trigger the University's obligation to investigate a prohibited offense.

NUPD 617.373.2121 OIDI 617.373.2133

Boston Area Rape Crisis Center Hotline: 800.841.8371

# **NU Police Department**

- > Responsible for the protection of students, faculty, and staff
- > Available 24 Hours a Day / 7 Days a Week / 365 Days a Year
- Many are trained Emergency Medical Technicians (EMTs), who respond to medical incidents
- Working together with other departments and agencies to provide a high level of safety and security for our community

#### **Police Officers**

Professional Police Officers with Full Law Enforcement Authority (Armed)

#### Security Personnel

Professional Community Service Officers (Unarmed)

#### Fire Safety Unit

Professional Licensed Technicians and Students (Plainclothes)

#### **Contract Security**

Allied / Vanguard (Fixed Posts, Parking)



## IN AN EMERGENCY

- On Campus, NUPD Contact Numbers:
  - (617) 373-3333 (Police or Medical Emergency)
  - (617) 373-2121 (Non-Emergency)



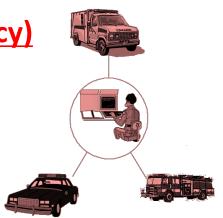
– From a Cell Phone:



Boston Police or Mass. State Police will answer and ask

- your Location
- your Emergency
- They will ask you to stay on the line, while they transfer your call to the appropriate agency
- From a Non-University Telephone or Payphone:
  - Local Municipal Police Department will Answer and Ask Questions as Above





## Staying Safe On and Off Campus

#### NU is an urban campus and is not a gated community.

- ✓ Be aware of your surroundings (especially when on the phone)
  - Trust your instincts and think about "What if..." scenarios.
- ✓ Try and avoid unknown shortcuts.
  - Stay in populated, well lit areas.
- ✓ Know the level of criminal activity in your area.
  - Research by asking your local police.
- ✓ Avoid walking alone, if possible.
- ✓ Don't advertise your wealth.
- ✓ Let someone know where you are going.
- ✓ Use NUPD's Personal Safety Escort.
- ✓ Learn MBTA routes and schedules.

- ✓ Save taxi company phone numbers.
- ✓ Be security conscious.
- ✓ Use "Street Smarts" (Common Sense).
- ✓ Don't forget that you have a number of "personal weapons"
- ✓ Use COMPLIANCE when property is physically demanded of you.
- Do not post your personal information on websites.
- ✓ Make copies of all important documents (visa, passport, etc.).



## **Protect Your Valuables**

- <u>NEVER</u> Leave your valuables unattended
- Secure all of your valuables at all times
- Document serial numbers and models numbers
- Photograph your valuables
- Keep the records in a safe place where they can be accessed
- Theft of property is one of the most preventable crimes







# PROTECT YOUR LAPTOP

#### **Use Protection That Works**

## **STOP Security Plates:**

- Create obstacles thieves cannot avoid
- Provide best opportunity for recovery
- 24 Hour International Hotline









Available for FREE!

Contact NUPD at 617.373.5402 to learn more

REMEMBER: Never leave laptops or other electronics unattended!

## **Most Common Crimes On-Campus**

- Theft of Unattended Property
- Trespassing
- Disorderly Conduct
- Alcohol and Drug Abuses
  - Alcohol and drugs are the most common reason for campus discipline and medical transports.
  - Drug dealing on campus upsets rival drug dealers and increases the risk of serious crime such as robbery, assault, and theft.







#### Northeastern University

# Off-Campus Housing

- Does the entry have both an OUTER and INNER door?
  - Do they have functioning locks?
  - Are the doors kept locked?
  - Is this area well lit?
  - Is there good visibility?
  - Is there a working intercom/buzzer system?
  - Basement, roof and other doors leading to common areas:
    - -Do they have locking doors? Are they locked?
- Get to know your neighbors! Knowing your neighbor, and something about their schedule means that you can watch out for each other and be more aware of events that may be out of the ordinary.



#### Northeastern University



## **Questions?**



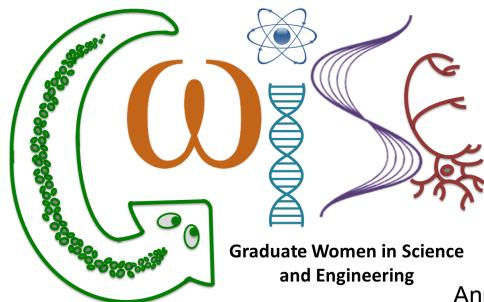
#### Graduate Student Government Northeastern University

## President - Rini Ghosh

236 Curry Student Center

www.northeastern.edu/gsg

gsg@neu.edu



BYOL Summer Ice Cream Social



Annual Resume Lightning Round Workshop







#### **Upcoming Events:**

- First year welcome panel and networking: Sept 15 @ 4pm in Curry Roof Terrace
- Library Skills Workshop: Sept 24 @ 2pm in 422 Snell Library



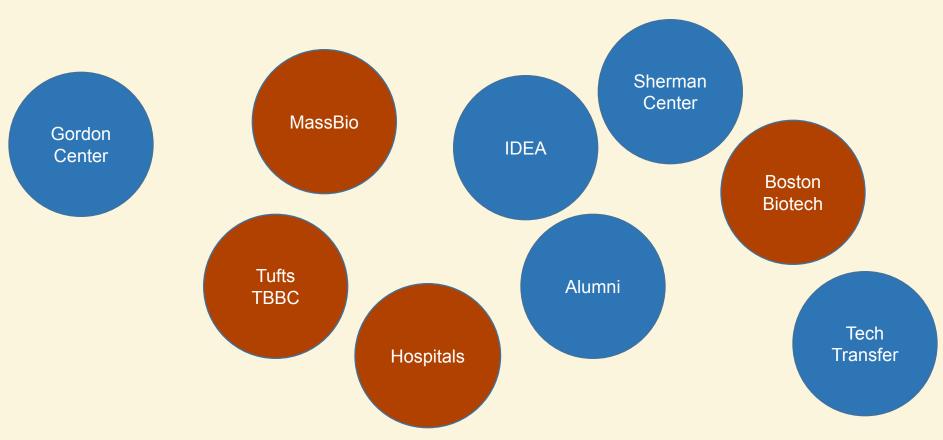
# Northeastern University Entrepreneurs for Biomedical Solutions



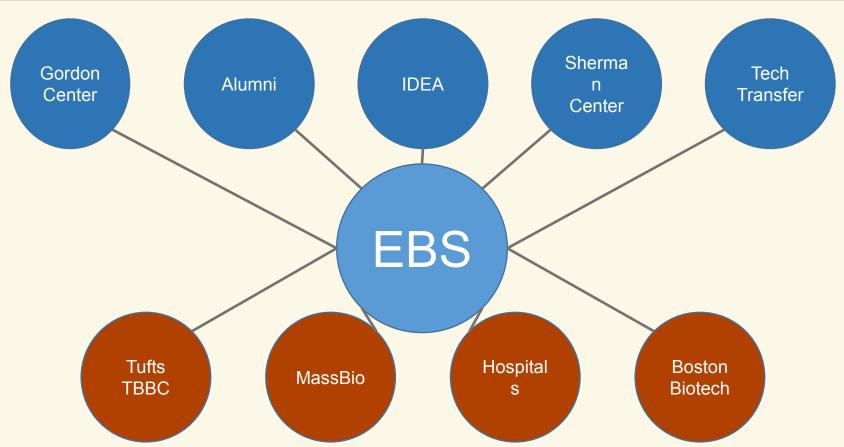
## Mission

Our mission is to create an interdisciplinary organization that brings together ambitious and creative minds to foster critical and innovative solutions for the improvement of human health and general welfare.











## **Events**

NEU Entrepreneur Ecosystem Tabling – September 21, 2015 Kick-off Mixer – September 24, 2015

Ibraheem Badejo, J&J Head of New Ventures – TBD (October)

Jay Bradner, Serial Entrepreneur/DFCI – November 3, 2015

Bob Coughlin, President/CEO MassBio – December 8, 2015

Next Spring Semester: Entrepreneurship Workshops/Modules



## Contact

Website: www.northeastern.edu/EBS

Facebook: <u>www.facebook.com/EBSNortheastern</u>

Twitter: @ebsnortheastern

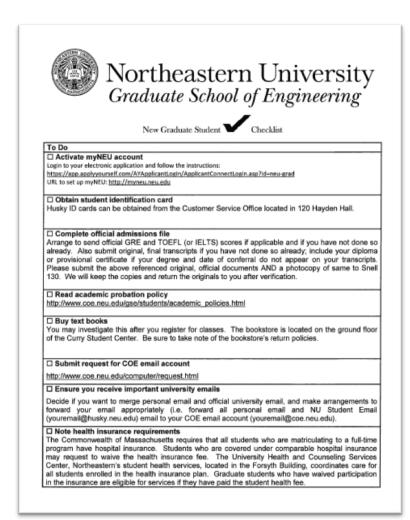
E-mail: <a href="mailto:ebsnortheastern@gmail.com">ebsnortheastern@gmail.com</a>

## What's Next?

- ✓ Register for courses if you received an email to do so
- ✓ Attend your department/program orientation
- ✓ Review this presentation, which will be emailed
- ✓ Review New Student TO DO Check List and take appropriate action
- ✓ Check your husky and personal emails to look for important communications
- ✓ Take a campus tour via the Visitor Center
- ✓ For international students, go to the ISSI orientation

## New Student TO DO Checklist

Submit original, final transcripts degree certificate)
Submit official GRE & TOEFL code 3665
Activate myNEU account
Obtain Husky ID Card
Health Form - Immunizations
Request COE email account
etc



# Department/Program-Specific Orientation Sessions

- ✓ Tuesday, Sept. 1 <u>Everyone</u> except:
- ✓ Friday, Sept. 4 Electrical & Computer Eng. <u>CORRECTION</u>: Session begins at 10:30 am!
- ✓ Saturday, Sept. 5 Info. Sys. and CSYE
- ✓ Monday, Sept. 7 CSYE

#### **Other Orientations**

- ✓ Make-up general orientation session Sept. 8
- ✓ International student orientation Several dates
- ✓ Gordon Engineering Leadership orientation Sept. 8

# For good luck...

Rub the ears of Northeastern's

Husky mascot!

It's a tradition...

