Welcome to the College of Engineering Graduate School
Leading the Way
Through Research and Innovation

13 Multi-institutional research centers
28 MS and PhD Programs
170+ Tenured/tenure-track faculty
17 Graduate Engineering Certificates
Combine your degree with a graduate engineering certificate or a graduate certificate in engineering leadership.
Joining Northeastern from 39 countries and 35 U.S. States
Gain Real-World Experience

4, 6, or 8 month co-op placements
$22-$30 average hourly wage

Selected Co-op Partners

Akamai Technologies  Intuit
Alacatel-Lucent    Mathworks
Amazon.com, Inc.  Microsoft
Apple  Oracle Corporation
Bose Corporation  Paydiant
Cisco Systems  PayPal
eClinicalWorks  Raytheon
EMC Corporation  State Street Corporation
Ericsson Inc  Verizon Communications
Google  Wayfair
IBM
Outstanding Research Opportunities
Federally-Supported Research Centers

Health
- Environmental Public Health (NIH)
- Healthcare Systems Management (NSF/Medicare)
- Biomedical Computing (NIH)
- Subsurface Sensing and Imaging (NSF)

Security
- Explosives Detection (DHS)
- Information Assurance (NSA/NSF)
- Resilient Electric Energy (NSF/DOE)
- Subsurface Sensing and Imaging (NSF)

Sustainability
- Environmental Public Health (NIH)
- Civil Infrastructure Assessment (NIST)
- High-rate Nanomanufacturing (NSF)
- Nanoscale Multiferroic Materials (NSF)
- Beyond Traffic Innovation Center (DOT)
Get Involved on Campus

30+ Student Organizations
Graduate Student Government
Center for Student Involvement
Research Fairs
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Stay Connected
News + Events + Community

#NUCOE
Navigating Northeastern

https://www.northeastern.edu/campusmap/

Download NUGO Mobil App:
Graduate School of Engineering

We are located in 130 Snell Engineering

http://www.coe.neu.edu/graduate-school/graduate-student-services
**Your Student Services Contacts:**

<table>
<thead>
<tr>
<th>Allison Jacobs</th>
<th>Stephanie Duhem</th>
<th>Matthew Podgurski</th>
<th>Laura Adrien</th>
<th>Haley Lyons</th>
<th>Natalie Russo</th>
</tr>
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<tr>
<td>Director of Graduate Student Services</td>
<td>Assistant Director of Academic Advising</td>
<td>Assistant Director of Academic Advising</td>
<td>Graduate Academic Advisor</td>
<td>Student Services Specialist</td>
<td>Graduate Academic Advisor</td>
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<td>Data Analytics Engineering</td>
<td>Interdisciplinary</td>
<td>Robotics</td>
<td>Telecomunication Networks</td>
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</tr>
<tr>
<td><a href="mailto:al.jacobs@northeastern.edu">al.jacobs@northeastern.edu</a></td>
<td><a href="mailto:s.duhem@northeastern.edu">s.duhem@northeastern.edu</a></td>
<td><a href="mailto:m.podgurski@northeastern.edu">m.podgurski@northeastern.edu</a></td>
<td><a href="mailto:l.adrien@northeastern.edu">l.adrien@northeastern.edu</a></td>
<td><a href="mailto:h.lyons@northeastern.edu">h.lyons@northeastern.edu</a></td>
<td><a href="mailto:n.russo@northeastern.edu">n.russo@northeastern.edu</a></td>
</tr>
</tbody>
</table>
Graduate Student Services (GSS)
130 Snell Engineering

Academics
- Course Registration
- Graduation Requirements
- Academic Probation

Funded Students
- Stipended Graduate Assistantships (SGAs)
- Fulbright Scholars
- Fellowships

Communication
- Newsletters
- Timely Reminders
- Events and Opportunities

Check your Husky email!

International Students
- We are the SEVIS contact in the Graduate School. We partner with the OGS on academic matters affecting a student’s visa.

Weekly Walk-in Office Hours –
Monday, Wednesday, and Thursday 2-4pm
The Gordon Engineering Leadership Program (GEL)

“Our purpose is to develop leaders who will make a significant contribution to society.”
- Bernard M. Gordon
Leadership Capabilities

- Initiative
- Decision Making
- Responsibility and Urgency to Deliver
- Resourcefulness - Get It Done
- Ethical Actions and Integrity
- Trust and Loyalty
- Courage
- Vision
- Realizing the Vision
- Inquiry
- Interpersonal Skills
- Communicating and Advocacy
- Connect - Across Disciplines, Skills and Cultures
- Negotiating and Compromise
Framework

Market, Customer, and Stakeholder Focus

- Leadership Capabilities
- Leadership Labs
- Product Development
- Scientific Foundations
- Challenge Project

Engineering Leadership Seminars, 3-Way Mentoring and Cross Cohort Sharing

Experiential Learning to Enhance Knowledge, Skills, and Attitudes
Follow up

Attend our next Info Session:
September 26th at 5:30pm
GEL Facility Location: 4th floor Stearns Building

Amy Manley- a.manley@neu.edu  phone 617-373-6052
Col Mac -  s.mcgonagle@neu.edu  phone 617-373-2184
Steve Klosterman -s.klosterman@neu.edu  ph. 617-373-8255
In case of Emergency

Please Notify
Northeastern University Police Department

We are located at
716 Columbus Ave. / 100 Columbus Place
Boston, MA  02115
617.373.2121

Non-Emergency Situations, Information, & Safety Escorts
617.373.3333

Police or Medical Emergency on, or very near to, campus

northeastern.edu/nupd/
Stay connected:

We will post advisories on our social media!

@northeasternpd (Facebook)
@northeasternpd (Twitter)
@northeasternpd (Instagram)

SafeZone
northeastern.edu/nupd/safezone/

Emergency Messaging
Delivered Via Email & Text Messaging

NU Alerts
Timely Warnings
Advisories
Common Crimes

Theft of Personal Property Left **Unattended** at Northeastern:

**Most Common Areas:**
- Library
- Student Center
- Residence Halls
- Anywhere really!

**Most Common Items:**
- Bicycles
- Phones/Laptops
- Wallets
- Backpacks

**Crimes Involving Violence**

Any action or behavior that may threaten the safety of the members of the community or impact a person’s physical and/or psychological well-being.
Thank You!

Northeastern University Police Department
716 Columbus Avenue / 100 CP - Boston, MA 02115

Website: northeastern.edu/nupd   Survey: bit.ly/nupdsurvey

Off. Anika Crutchfield   (617) 373-3940
a.crutchfield@northeastern.edu

Staff Sgt. John Farrell   (617) 373-5402
j.farrell@northeastern.edu   (617) 594-8591 cell
Office of Student Conduct & Conflict Resolution

OSCCR’s mission is to engage the Northeastern University community in supporting, understanding, and appreciating the standards for community behavior by promoting accountability for actions, encouraging responsible decision-making, providing a space for self reflection, and instilling the values of integrity and civility.

Contact OSCCR:
Office: 204 Ell Hall       Telephone: 617.373.4390
Email: osccr@northeastern.edu
Twitter/Instagram: @OSCCR_NU
Academic Integrity

What is Academic Integrity?

• Honesty in your work

• Doing the work you said you did

• Providing a citation when you refer to someone else's work (paraphrasing)

• Providing a citation when you include someone else's words in your assignment (direct quotation)

• Presenting fair and true research material

• Taking a test with the knowledge in your brain, not that which you have written on a piece of paper, on your hand, in your phone, etc.
Academic Integrity

• *Cheating*: Using or attempting to use unauthorized materials, information, or study aids in any academic exercise (tests, papers, assignments, etc.).

• *Plagiarism*: Using as one's own the words, ideas, data, code, or other original academic material of another without providing proper citations or attribution.

• *Unauthorized Collaboration*: Instances when students submit individual academic works that are substantially similar to one another.

• *Participating in or Facilitating Dishonest Acts*: Any action taken by a student with the intention of gaining or helping another gain an unfair advantage.
What would happen if there was an alleged violation?

- Your instructor will ask you about your paper, assignment, test, etc.
- Your instructor will then contact OSCCR
- Staff in OSCCR will either send you a letter reminding you about the Academic Integrity policy, -OR- a meeting request to discuss the incident and review the policy
- 95% of the time, students take Responsibility for violating the policy
- In cases where a student does not take Responsibility, the case will be heard by the OSCCR staff member or a Student Conduct Board
- Sanctions can range from a written warning to Suspension or Expulsion depending on the severity of the incident, your status as a Graduate student, and disciplinary history
- The OSCCR process is separate from any decisions made about assignments or grades by the course instructor
Academic Integrity Resources

• Your Instructors
• Your Academic Advisor
• Your Teaching Assistants/Fellows
• Your Dean
• Tutors through College of Engineering
• The Library Staff (Snell)
• The International Tutoring Center (ITC)
• The Writing Center - 412 Holmes Hall, 617.373.4549, neuwritingcenter@gmail.com - NU writing instructors, graduate students, and undergraduate students studying composition theory, literature, and technical/professional writing. The center works with undergraduate and graduate students from all academic disciplines, speakers of other languages as well as native speakers of English, and weak, average, and strong writers. They also offer online consulting.
Drugs & Alcohol

*Drugs*

- As your Visa is issued by the Federal government, please abide by Federal law, which says that Marijuana is illegal
- Prescription drugs should only be used by the owner

*Alcohol*

- The legal drinking age in the U.S. is 21
- It is illegal to give alcohol to people under 21 (minors), including asking them to carry it
- Allowing minors to consume alcohol in your apartment is against the law and University policy
Know Your IX

Mark Jannoni
Assistant Vice President & Title IX Coordinator
Office for University Equity and Compliance
What is Title IX?

Title IX of the Education Amendments of 1972:

• protects individuals from sex or gender-based discrimination in education programs and activities that receive federal financial assistance

• prohibits discrimination against pregnant or parenting students

• protects all students regardless of sex, gender or gender identity

• offers worldwide protection (not geographically bound)
What is Consent?

Consent is a **voluntary, affirmative agreement** to sexual activity and requires **mutually understandable and communicated words and/or actions**.
Incapacitation

A state where one cannot make a rational decision because they lack the ability to understand the **who, what, when, where, why** or **how** of their sexual activities.
If you, or anyone you know, experience any form of sexual misconduct, contact any of the following:

1. Title IX Coordinator: Mark Jannoti, m.jannoti@northeastern.edu or titleix@northeastern.edu

2. NUPD: Emergency 617.373.3333; Non-Emergency 617.373.2121 (Reporting a sexual misconduct to NUPD does NOT commit the survivor to future legal action.)

3. Any Responsible Employee

4. UHCS, VRC or CSDS Spiritual Advisors for confidential support
Student Rights

- Report the incident to the University and/or police
- Receive a University No Contact Order
- Assistance obtaining a judicial restraining/protective order
- Referrals to confidential medical, counseling, and related services on/off campus
- Alternative housing arrangements
- Change in academic/social schedules and obligations
- Option to seek disciplinary action through the University
- Discuss options of pursuing criminal charges
Office for University Equity and Compliance

Mark Jannoni
Assistant Vice President / Title IX Coordinator
m.jannoni@northeastern.edu

Brigid Molloy
Investigator
b.molloy@northeastern.edu
d.fitzgerald@northeastern.edu

Sarah Onori
Investigator
s.onori@northeastern.edu

Diana Fitzgerald
Investigator

www.northeastern.edu/OUEC
ouec@northeastern.edu
617.373.4644

Richards Hall #125
Medical Care

No charge for visits at UHCS

Services:

• Walk-in assessment for routine concerns
• Urgent care
• Women’s health
• Sports medicine
• Nutrition

Care provided by Board Certified Physicians and Licensed Nurse Practitioners, Physician Assistants and Nurses
Medical Care – Additional Services

- Immunizations
- Laboratory drawing station
- Referral to local specialists and primary care
- Prescriptions written and sent to local pharmacies
Behavioral Health Care

No charge for visits at UHCS

Services:
- Walk-in assessment
- Medication assessment
- Student support groups
- Sexual assault response and treatment

Clinicians: Board Certified Psychiatrists, Licensed Clinical Nurse Specialists, Nurse Practitioners, Mental Health Counselors, Psychologists, and Clinical Social Workers

Referral to community providers
The UHCS Student Care Model


2. Receive treatment, care recommendations and review immediate plan.

3. Personalized referral service for ongoing care that incorporates:
   • Student’s diagnosis and care recommendations
   • Student’s health plan
   • Most accessible and convenient location
   • Clinician’s availability
   • Student’s preferences
   • UHCS Follow-up Call
   • Student feedback
Ongoing Care

Referral to...

- Local world-class multi-specialty medical centers
- Locally accessible pharmacies, infusion centers and laboratories
- Community primary care practices
- Numerous nearby urgent care and emergency centers
- Specialty clinicians and clinics
- Boston’s wealth of behavioral health clinicians and practices
UHCS Hours

8AM to 5PM
Monday, Wednesday, Friday

8AM to 8PM
Tuesday, Thursday

12PM to 4PM
Saturday (Sept-June)

Most Holidays
10AM to 3PM

For emergencies on campus:
Call  617-373-3333

Northeastern University
• MA state law requires that every full-time and part-time student enrolled in a certificate, diploma or degree-granting program of higher education must participate in his or her school’s student plan or in a health benefit plan with comparable coverage.

• Students automatically enrolled/billed every year

• May waive by **September 26, 2018** deadline (if comparable coverage)
Choosing the right health plan for you.

Northeastern University
Proof of immunity is **required** by Massachusetts state law.
Proof of Immunity to:

• Measles
• Mumps
• Rubella
• Tetanus/Diphtheria/Pertussis
• Varicella/Chicken Pox
• Meningitis
• Hepatitis B
Stay Connected

Forsyth Building, Suite 135
617-373-2772
northeastern.edu/uhcs
uhcs@northeastern.edu
@NU_UHCS

Northeastern University
Employer Engagement and Career Design

Can help you with:
- Exploring career options
- Making career decisions that will allow you to engage in productive and fulfilling work
- Preparing for and conducting successful job and internship searches

Attend Workshops and Events covering:
- Industry Trends
- Networking
- LinkedIn
- Career Fairs
Online Resources: www.northeastern.edu/careers

• Services
  – Graduate Students
  – International Students

• Jobs and Internships
  – Searching & applying for opportunities
  – Resumes
  – Cover letters
  – LinkedIn
  – Salary Negotiation
Where are we?

• First Floor of Stearns Center
• Career Studio: No appointment needed support
  – Open Monday – Thursday 8:30 am to 7:00 pm
    and Friday 8:30 am to 5:00 pm

Watch for emails from me highlighting jobs, internships, events, career tips, and more!

Questions? Stop by or email Carrie at c.klaphake@northeastern.edu
GRADUATE STUDENT INVOLVEMENT
AT NORTHEASTERN

OPPORTUNITIES AVAILABLE THROUGH THE CENTER FOR STUDENT INVOLVEMENT (CSI)

northeastern.edu/csi
nucsi@northeastern.edu
STUDENT ORGANIZATION INVOLVEMENT

- 50+ graduate groups recognized by CSI
  - Variety includes: academic, social, cultural, religious/spiritual, etc.
  - For the full list, visit northeastern.edu/csi

- Graduate Student Government (GSG)
  - Always recruiting senators
  - Meets bi-weekly (& lunch is typically served!)
  - Contact: northeastern.edu/gsg or gsg@northeastern.edu
EVENTS FOR GRADUATE STUDENTS

- GSG-sponsored
  - Movie & game nights
  - Semesterly brunch events
  - BBQs

- University-wide opportunities
  - Homecoming
  - Relay for Life
  - SpringFest
  - Summester
LEADERSHIP PROGRAMS FOR GRADUATE STUDENTS

- Graduate Leadership Institute (GLI)
  - Free workshop series offered each semester
  - Tuesdays from noon-1:30pm
  - Registration required at northeastern.edu/lead360
GRADUATE
STUDENT
GOVERNMENT
The GRADUATE STUDENT GOVERNMENT (GSG) is the official representative body for all graduate students at Northeastern University and serves as the primary liaison between graduate students and the University administration.

As a graduate student you pay a Graduate Student Activity Fee to finance the support services we provide.
GSG Budget Division

- Funding Group Events
- Community Building
- Individual Travel Funding
Get Involved

- We work with the university administration throughout the year to help make the graduate student experience better.
- In order to represent your interests appropriately and spend your student activity fee responsibly we need to have your involvement in Senate.

- **Become a Senator!**

- First Senate Meeting
  12th September, 2018 CSC 333 1 PM
Collaborative Efforts

Shuttle Service (RedEye)
Collaborative Efforts

Study Space (Rebecca’s)

- Library Service
- PhD Taskforce
Past Events

Fall & Spring Welcome Brunch
Past Events

Color me Happy!! Color Music & Fun......
Past Events

Movie Nights

Fall Welcome Brunch
On October 1st

And Many more......
Find Us!!

- On Facebook – NortheasternGSG
- On Twitter – @NortheasternGSG
- Online – www.northeastern.edu/gsg/
- Email – GSG@northeastern.edu
- Call – 617-373-4502
- Knock – CSC 236
NUSBO
Northeastern University Sustainable Building Organization

Wednesdays @ 6pm in 335 Shillman Hall

"NUSBO seeks to engage and connect members interested in the field of sustainable building and foster multi-disciplinary relationships between students, educators and professionals in the industry."
WHAT WE DO

- Open to students in ANY Program/Department
  - Interdisciplinary by Nature – Creates Community

“Computational Fluid Dynamics (CFD) Modeling for Indoor Air Quality”
Romio Mikhael  Energy Engineer
Wednesday, September 19th @ 6pm in 335 Shillman
ACTIVITIES

- Professional Affiliation Events
  - USGBC-MA
    - Emerging Professionals  (Community Service, Bike Tours, Mentorship)
    - Certification Preps & Education  (WELL, LEED, Living Building Challenge)
  - ASHRAE Boston Chapter
    - Monthly Meetings
    - Young Engineers in ASHRAE (YEA)

Specials & Exclusives:

OLD OAK DOJO
Living Building Challenge Tour

Boston Children’s Hospital
Building Tour with BR+A

Energy System Society’s Energy Conference
“Future of the Built Environment”
Friday, September 28th
OUR MISSION

- Assist in the professional and personal advancement of women in STEM at Northeastern University.
- Provide women with the support and resources necessary to be successful, as well as to create a sense of community.

Upcoming Events: All Graduate Students are Welcome

"What would you do? Workplace Conflict and Title IX Session" – how does it affect you as a graduate student?
October 3rd 12 – 1:30PM, Curry 346
Free pizza!

3-Minute Thesis – watch graduate students present their theses in just 3 minutes!
October 16th 11AM-1PM, Snell Library 090
Free food!

Monthly Community Time – talk with senior grad students, ask questions and share concerns
Stay tuned to our emails to see when the next one will be
Free snacks and tea!

Panel with Women Leaders
November - Stay tuned to our emails to see when the final date is

gwise.neu@gmail.com
@neugwise
Graduate Women Coders(GWC-NU)

Graduate Women Coders of
Northeastern University
About us

• Our mission is to encourage women in technology and engineering at Northeastern University, Boston to take on challenges and leadership roles within the industry.

• To create a conducive environment for females to support and assist each other in achieving goals and ambitions

• To serve as the voice of our members and of females in technology and engineering on campus

• To coordinate events that strengthen our social, academic, and professional ties

• To create and maintain an institutional memory for the benefit future generations of students as well as ourselves
Benefits to Students

• Connections to well renowned companies
• Exposure to technology communities (WomenWhoCode, WIT orgs at various companies)
• Partnerships with renowned companies
• Host various events to expose members to different aspects of technology within various industries (media, retail, IOT)
• Create workshops on team collaboration, personal development, networking and resume building
Activities

• Past Events
  - Women in Technology Empowerment Summit (Collaboration with Harvard Women in Tech)
  - Google Cloud Platform Session
  - Microservices Architecture
  - Intro to Processing Language

• Future events
  - YouTube Data API
  - Codelabs using tensorflow playground
  - IOT Platform Seminar
  - Agile methodology session
    - The Entrepreneurship Dilemma
    - Optimal Algorithm session
Thank you!!

• Please email me at plange.v@husky.neu.edu or nugradwomencoders@gmail.com with any questions you may have.

• FOLLOW US !!-- > GWC_NU (Twitter, Facebook, Instagram)

• https://nugwc.ccs.neu.edu/
Northeastern University Energy Systems Society (NU-ESS)

https://energysystemsneu.wixsite.com/mysite
NORTHEASTERN UNIVERSITY
ENERGY CONFERENCE

SEPTEMBER 28 @ 8:00 AM - 7:30 PM

The Power Of Collaborative Transformation in Clean Energy
Registration will be required to attend the event. We will share more at the first meeting of the semester on September 5th.

https://www.nuenergyconference.com/
New Student Checklist

- Review this presentation
- Confirm having read the Academic Policies and Procedures including Academic Probation
- Review official acceptance letter and new student information page
- Check your husky and personal emails
- Get your Husky Student ID card
Complete Your Official Admissions File

- Submit original, final transcripts (and degree certificate)
- Submit official GRE & TOEFL/IELTS scores
For good luck…

Rub the ears of Northeastern’s Husky mascot!

It’s a tradition…