College of Engineering New Graduate Student Orientation Fall 2025



Welcome from



Ji-Cheng 'JC' Zhao, Ph.D.Dean of College of Engineering



Julia Valla, Ph.D.

Director of Graduate Studies



COE Graduate Council Introduction

Julia Valla, Ph.D.

Director of Graduate Studies,
Associate Professor, Chemical &
Biomolecular Engineering

https://kaltura.uconn.edu/media/First+Orientationv+video. mov/1 581lm3cr





Meet the Graduate Programs Team



Aida Ghiaei
Director of Graduate Recruitment,
Support & Engagement



Fayekah Assanah
Director of Engineering
Education Initiative



Jodie LaRosa Program Assistant



FIND US IN THE CASTLEMAN BUILDING





Agenda

STUDENT RESOURCES

STUDENT HEALTH AND WELLNESS

GRAD SCHOOL GAME PLAN

GRADUATE STUDENT UNION PRESENTATION

QNA Session



Student Resources

ENGINEERING TECHNICAL SERVICES: PETE MENARD

COE GRADUATE COUNCIL INTRODUCTION: AIDA

Graduate Student Resource and Support: AIDA

CAREER SERVICES: AIDA

PROFESSIONAL DEVELOPMENT COURSES: FAYE ASSANAH



Engineering Technical Services

Grad Student support offerings



How do i?

Get lab experiment help?

https://ets.engr.uconn.edu/innovation-shop/

- Support designing and building fixtures
- Electronics support
- Learn to use the shop equipment
- Get computer tech support?
 - Email to engr-help@uconn.edu
 - Support with lab network setup
 - Solving software issues install and running
 - Computer hardware support
 - Server support



Experiment or EHS support

- Start a new experiment
 - UConn EHS
 - Chemical waste handling
 - New gas lines
 - Furnace setups
- Facility modifications for lab challenges
 - Get Pete Menard involved <u>pete@uconn.edu</u>
 - Toxic gases
 - Exhaust issues
 - Facility problems (i.e. broken ventilation)
 - Don't know how to manage a problem? Contact Pete.





Graduate Student Resource and Support

Aida Ghiaei
Director of Graduate Recruitment,
Support & Engagement





Graduate Directors



Monty Escabi, Ph.D.Biomedical Engineering



Jeongho Kim, Ph.D.Civil Engineering



Julian Norato, Ph.D.
School of Mechanical,
Aerospace, and
Manufacturing
Engineering



Helena Silva, Ph.D.
Electrical & Computer
Engineering



Graduate Directors



Tim Vadas, Ph.D.Environmental
Engineering



Xueju (Sophie) Wang, Ph.D.
Materials Science & Engineering



Alexander Russell, Ph.D. School of Computing



Matthew Stuber, Ph.D.
Chemical & Biomolecular
Engineering













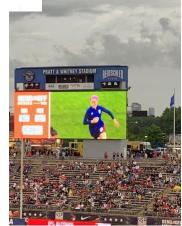


















Advocator Mentor Connector

My Door is Always Open (Castleman bldg. 222)



Recruit for Engineering Graduate programs

- National Engineering Conferences
- Colleges in CT, MA, RI, NH
- Hold Open houses
- Presentation to UConn STEM undergrads



Professional Skills Development

- Courses
- Workshops
- Seminars
- Webinars
- Competitions
- Net working events



Everything Else that would help our Graduate Students



ENGR 5450: First Year Experience











Just Ask Us: aida@uconn.edu



Engineering Career Services

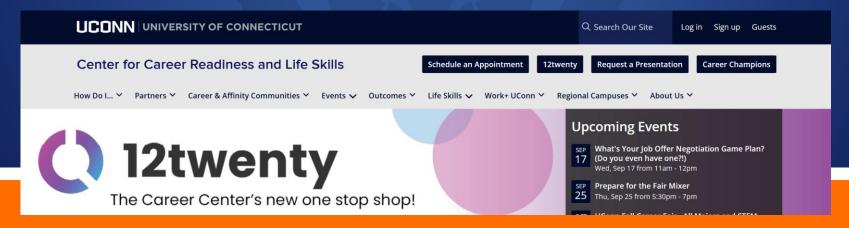


Center for Career Readiness and Life Skills



Kay Gruder, M.Ed., Certified Career Services Provider™ Associate Director, Graduate Student and Postdoc Career Services and Programs | Career Liaison to ISSS

Wilbur Cross Building - Storrs Campus Career.uconn.edu | Kay.gruder@UConn.edu



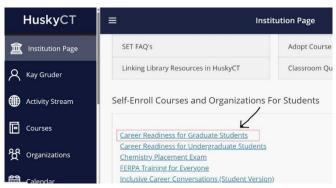


Your Career by Design – Don't Leave it to Chance!

Your degree should be just one of your many qualifications.

Five First Year Action Items:

- Become familiar with the resources at <u>career.uconn.edu</u>
- Regularly update your CV or résumé using the resources provided at: https://career.uconn.edu/resources/graduate-student-resume-cover-letter-guide/ and https://career.uconn.edu/resources/writing-your-curriculum-vitae-cv/



- Enroll in the self-paced Graduate Student Career Readiness Modules on Husky CT via UConn's HuskyCT landing page [Topics include: Becoming Career Ready, Résumé Writing, Informational Interviewing, Job/Internship Search, LinkedIn, Interviewing, Academic Job Search and Application (includes CV), Finding a Workplace that Aligns with Your Values]
- Schedule an appointment with a career coach at the Center for Career Readiness and Life Skills to explore and chat about all things of interest! https://career.uconn.edu/meet-with-a-career-coach/
- Seek to engage in growth opportunities inside and beyond your department (professional society, student org., leadership, internship, career-related courses, employer visits, informational interviews, etc.)

Data point: 85% of jobs are filled through networking with personal and professional connections.



Professional Development Courses

Dr. Fayekah Assanah
Assistant Professor in Residence, BME
Director of Engineering Education Initiatives, CoE



Professional Development Course Series

- Series of 1-credit courses for all CoE graduate students
- Develop interpersonal and professional skills
- Offered on a rotating basis during Fall and Spring
- No pre-requisites
 - ENGR 5410: Scientific Communication
 - ENGR 5420: Engineering Internships and Career in Industry
- Fall:
- ENGR 5450: First-Year Experience
- ENGR 5300-012: Scientific Writing
- ENGR 5300-011: *Engineering Practicum*

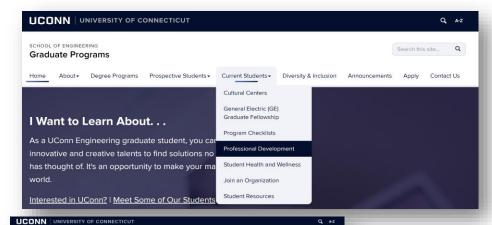
Spring:

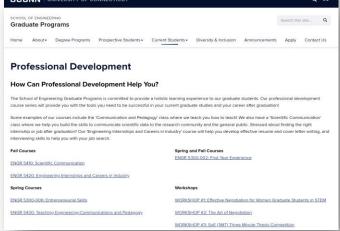
- **ENGR 5300-002**: First-Year Experience
- ENGR 5430: Teaching Engineering- Communication and Pedagogy
- ENGR 5300-011: *Engineering Practicum*

Workshops:

- The Art of Negotiation
- 3MT Preparation

Where to find more information?





Website:





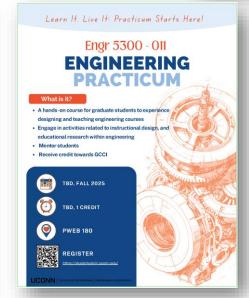
Professional Development Course Series

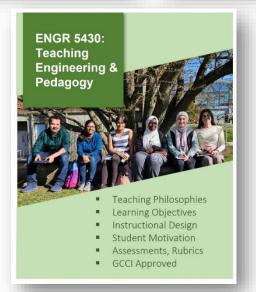












Website:



Contact: Faye Assanah, <u>Fayekah.Assanah@uconn.edu</u>
Aida Ghiaei, <u>aida@uconn.edu</u>



STUDENT RESOURCES

STUDENT HEALTH AND WELLNESS

GRAD SCHOOL GAME PLAN

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Student Health and Wellness

Creating a Culture of Wellness



Student Health and Wellness' Vision

Cultivate optimal health and lifelong well-being for every UConn student





UConn Student Health and Wellness

SHaW Service Lines:



Rx





Medical Care

Pharmacy

Mental Health

Health Promotion

Hilda May Williams Building 234 Glenbrook Road 860-486-4700 Arjona Building 4th Floor 337 Mansfield Road 860-486-4700 Wilson Building South Campus 860-486-4700





Overview of SHaW Services

Medical Care and Pharmacy:

- Primary Care
- Women's Health
- Orthopedics and Sports Medicine
- Nutrition Services
- Sexual Assault Services (SAFE)
- Gender Affirming Care
- 24 Hour Advice Nurse Line
- Allergy and Travel Medicine
- Pharmacy
- Radiology
- Overnight Infirmary

Mental Health:

- Wellness Resources
- Let's Talk
- Consultation
- Group Therapy
- Individual Therapy
- Medication Management
- Crisis Support
- Clinical Case Management

Health Promotion:

- Wellness Coalition
- Collective Impact Approach
- Wellness Framework
- UConn Recovery House





Graduate Student Well-being

- The past ten years have seen mounting evidence that graduate students are facing increasing levels of stress and anxiety.
- According to a recent study involving a survey of 3500 graduate students at twelve public institutions during the COVID-19 pandemic, 67% of survey respondents scored low on well-being factors (CGS JED Grad-Student-

Mental-Health-Report-1.pdf (cgsnet.org))





Impact and opportunities

- Overall, rates of self-reported depression and anxiety are six times higher among graduate students compared to those of the general population and higher than their same-aged, college educated peers.
- Positive factors related to lower levels of depressive symptoms, include social support, climate of the department, and optimism about one's career prospects

Positive factors related to graduate student mental health (2020) Full article: Positive factors related to graduate student mental health (tandfonline.com)





SHaW Mental Health

Who we are: The right supports at the right time.

Student Health and Wellness Mental Health works closely with University partners to offer a comprehensive range of options to meet students' needs.

Offering students access to a personalized approach that promotes wellbeing and meets their mental health needs by offering

- Rapid Success
- A solution focused, student centered approach
- Interventions with proven outcomes that meet the diverse needs of our students









24 Hour Services

These services are available to students on all UConn campuses







Advice Nurse 860-486-4700

Mental Health Support

Within the U.S., Canada and the Caribbean: 833-308-3040

All other international locations:

+1-984-268-2016

Togetherall
Peer to Peer Support





Tools	Overview	Audience	Access	Time to complete
Self-guided Screening				
aiberry smart.mind.care	Online screening program that offers a simple, confidential way for students to check on their behavioral health and get connected to campus resources.	Students		Multiple screenings to choose from. Each takes between 3-5 minutes.
Mental Health Support				
togetherall	Clinically managed, online anonymous peer to peer community designed to improve mental health	Students		Real access to support network
BeWell@UConn	24/7/365 mental health support line 833-308-3040 (U.S., Canada and the Caribbean) Or +1-984-268-2016 for all other international locations	Students		Immediate contact with a licensed practitioner
Mental Health Training				
ask listen refer	Online suicide prevention training program to help recognize and respond to people at risk.	Students, Faculty & Staff		20 minutes





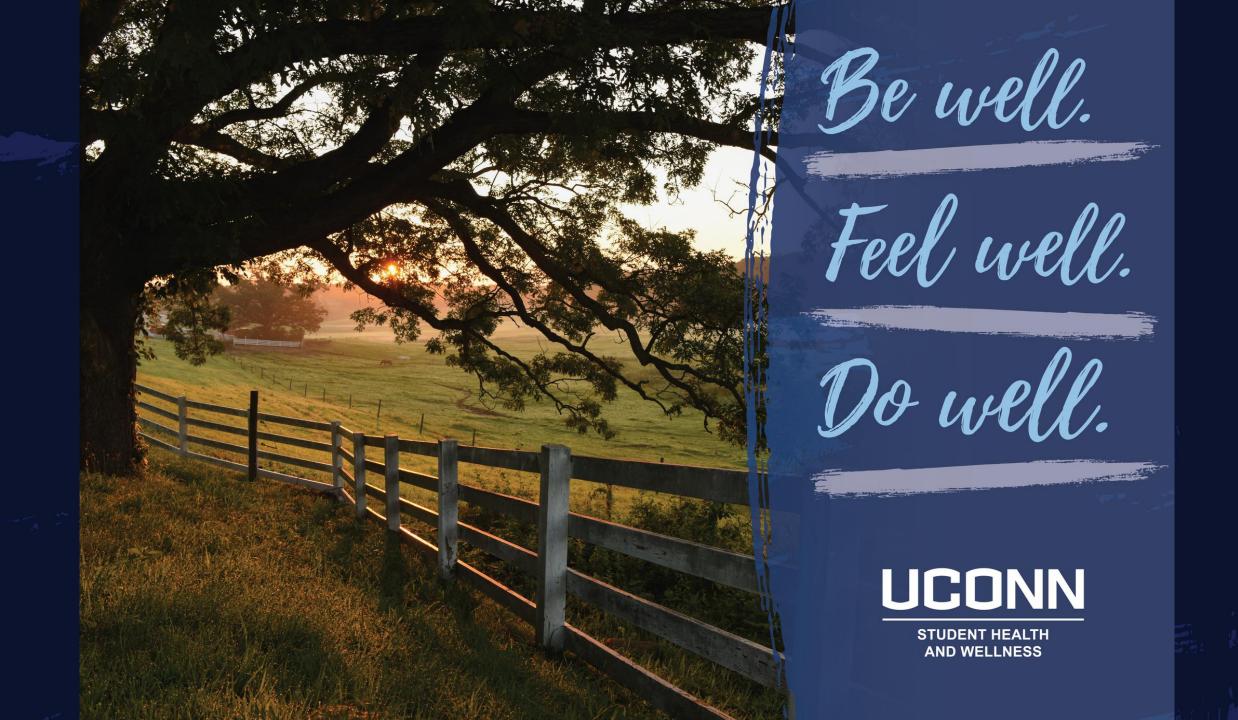
SHaW Mental Health Contact Information

Phone: 860-486-4700

Website: https://studenthealth.uconn.edu/

Social Media: @uconnstudenthealth (Instagram)





Questions?

UCONN | UNIVERSITY OF

STUDENT HEALTH AND WELLNESS

Be well. Feel well. Do well.

STUDENT RESOURCES

STUDENT HEALTH AND WELLNESS



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Grad School Game Plan

INTRODUCTION TO STUDENT GROUPS

GRADUATE STUDENT PANEL

Managing Multiple Roles as a Graduate Student



Graduate Student Leaders





Welcome To

Student Association of Graduate Engineers (SAGE)





Who are we?

An organization for the graduate students of all engineering programs

What do we do?

Host workshops, social events, & professional development programs

What are the benefits of SAGE membership?

We help students to develop professional skills, connect with professional networks, engage in fun-activities with peers and much more!

Follow us on Instagram and Facebook or email us to be added to our mailing list for the updates of future events!





@sage_uconn



UConn SAGE



SAGE E-Board 2025-2026

President

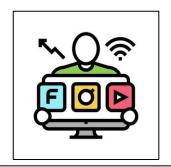


K M Abu Hurayra Lizu, MSE

Vice President



Chiamaka Nwabanne



Social Media Secretary

Secretary



Kaitlyn Mahoney

Treasurer



Naeem Ahmed



Join Us!!!



Activities and Workshops



Workshop on Network Building, Fall 2023



Workshop on Data Science, 2024



BBQ Social Event, Spring 2023



John Lof Leadership Academy

JLLA



What does LEADERSHIP mean to you?





Welcome from JLLA!

- An organization by students, for students to foster leadership experience
- Student will organize workshops
 - Learn about a leadership topic
 - Invite speakers
 - Team-building activities







Why join JLLA?

- Learn leadership & communication skills
- Network with leaders from academia & industry
- Add professional leadership experience to your CV
- Earn funding for conference travel







John Lof Leadership Academy

JLLA





Application is open NOW!

- Join an exclusive cohort of COE grad students
- Commitment length: 2 years
- \$700 travel award available for students*









Thanks for your attention!





UConn Grad_BlackSTEM

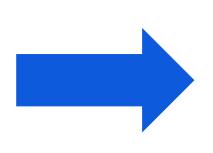
John Ajayi/Seun Akinola/Confidence Francis-Edoziuno



WHO ARE WE?











WHAT DO WE DO?



GRAD_BLACKSTEM

workshops, and group conversations to achieve

academic excellence as graduate students.

WHY JOIN US?









WHY JOIN US?



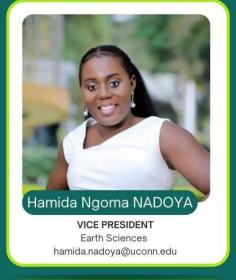
CONTACT US TO JOIN

Meet the 2025/2026 E-Board



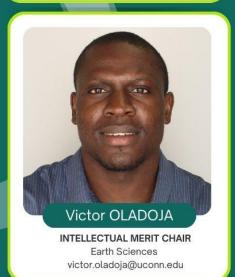
Earth Sciences

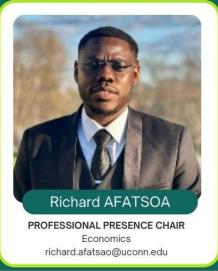
John.ajayi@uconn.edu

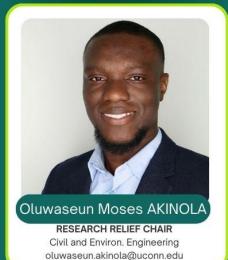


















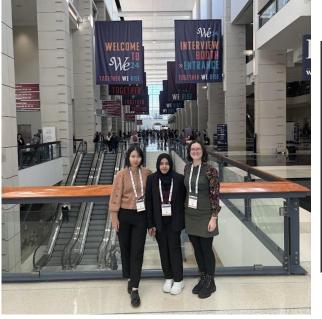
COLLEGE OF ENGINEERING

Mission

Starting in 1950 SWE has been empowering women in engineering to *Aspire. Advance. Achieve.*

GradSWE is the graduate student chapter of the Society of Women Engineers at UCONN







VERGNANO INSTITUTE FOR INCLUSION



Past Events



Conferences



Origami Nights



Game Nights



Painting Coffee Hours



Come & Connect With Us

At Future events

- Coffee Hours
- General Meetings
- Game Nights
- Professional Workshops



@gradswe_uconn





uconnswe.grad@gmail.com





Uconnact





Materials Research Society



Who We Are

- Focus on connecting, developing and assisting materials researchers
- Event Types:
 - MSE Qualifier Prep Classes
 - Monthly Coffee Hours
 - Seasonal Hikes
- Reach out at: uconn.mse.mrs@gmail.com



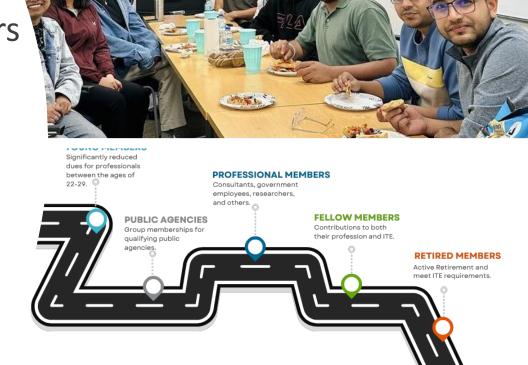
ITE - UConn Student Chapter



What is Uconn - ITE

• ITE = Institute of Transportation Engineers

- ITE student chapter aims to -
 - Build relationships
 - Expand knowledge through events, research, and field trips
 - Provide professional development opportunities for students
 - Workshops
 - Networking Opportunities





Why join?

- To know recent developments made in
 - Pedestrian Safety
 - Traffic Fatalities
 - Roadway Infrastructure
- Access to state-of-the-art facilities
 - Latest Technology
 - Modern Equipment
- Career/Network opportunities
 - Collaboration
 - Internships
- Contributing to the society
 - Enhancing the accessibility
 - Equity







Multiple roles of graduate students

- Acknowledge All Your Roles
- Set Realistic Expectations
- Time Management and Boundaries
- Prioritize and Be Flexible
- Integrate Roles When Possible
- Self-Care and Personal Time
- Seek Support
- Stay Organized and Efficient
- Embrace Imperfection



STUDENT RESOURCES

STUDENT HEALTH AND WELLNESS

GRAD SCHOOL GAME PLAN



GRADUATE STUDENT UNION PRESENTATION

QNA SESSION





Overview

- What is a Labor Union?
- Why We Started the GEU
- Our Strong Contract
- Enforcing Our Rights
- Collective Bargaining
- Importance of Membership
- · Q&A



Graduate Student Organizations @ UConn

Graduate Student Senate (GSS)



Student life & activities, etc.

Graduate Employee Union (GEU)



Employment-related matters including

- Contract negotiations
- Fair working conditions
- Worker advocacy

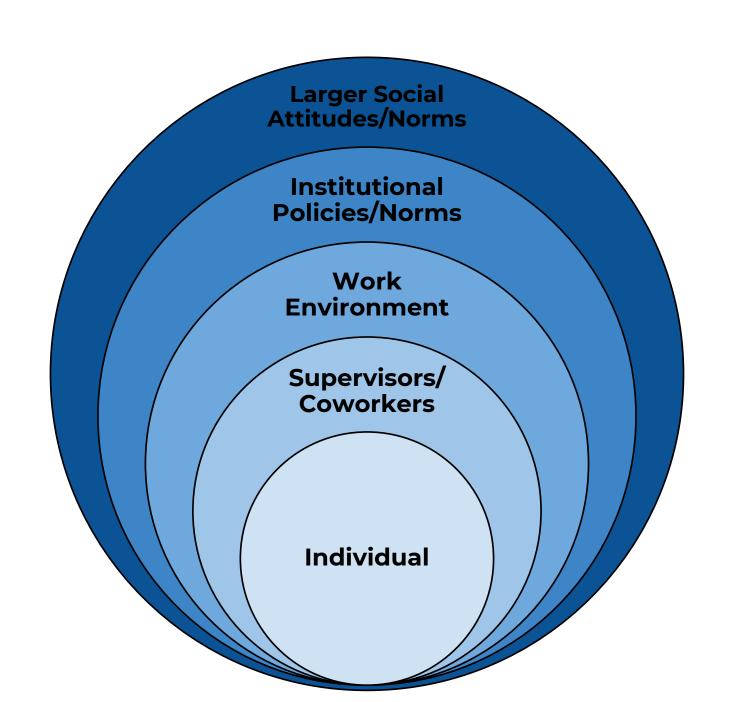
What is a labor union and what does a labor union do?

Creating Collective Power

A Strong Contract Enforcing our Contract

Supporting & Engaging Members

Advocating at the Local & State Levels Addressing Systemic Challenges



Why we started the GEU

2013

UConn could change our conditions **unilaterally**. HR suddenly changed GA health insurance to a much worse student plan.

\$300+

just to walk in the door to see a doctor

2013-2015

Collective Action & Victory

1000+ GAs organized across all departments. We held sitins, protests, and built solidarity. This collective power won our **first contract** in 2015.

1000+ GAs organized → Union recognition → First contract



One walk-in visit to the doctor with our union-won plan costs \$15

2015now But the fight continues...



Part of a Movement

Graduate Worker Unionization is Booming Across

the Country

US Graduate Student Unions in 2023



The number of unionized grad workers has risen 44% over the past two decades, winning higher stipends, better benefits, and more protections





The Healthcare Crisis We Avoided

How Our Union Protected Graduate Students from Financial Catastrophe

	UConn SHIP Plan (2025-2026)	Our Union- Won Plan	We Save
Annual Premium	\$3,214	\$280	\$2,934
Preventative Care	\$20 copay	\$0 copay	\$20 per visit
Hospital/Surgery	Deductible + costs	\$0 copay	Thousands
Annual Maximum	\$6,850	\$2,000	\$4,850

Total Annual Savings: \$2,934+

That's 10% of our entire graduate stipend saved on healthcare alone!

Even if you're 100% healthy and never see a doctor, you still save \$2,934 in premiums EVERY YEAR.

This is the power of collective bargaining.

We secured world-class coverage at 90% less cost than alternatives.

What A Strong Contract Gets Us

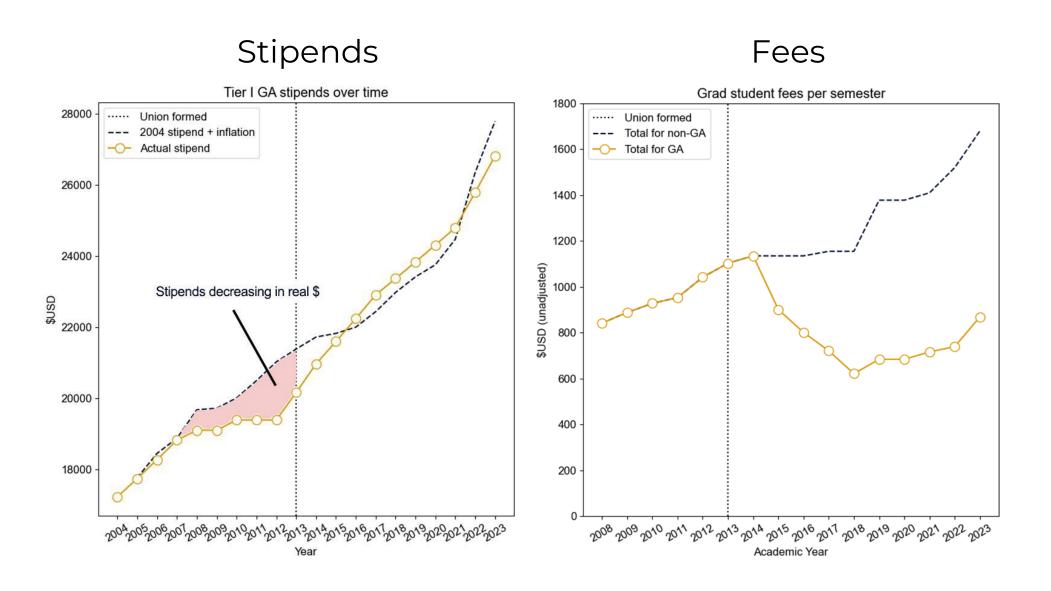
BEFORE OUR UNION:

- Pay could be cut without notice
- Costly healthcare w/ poor coverage
- \$900 visa fee for international GA's
- No time off guaranteed
- No parental leave policy
- Nightmare parking rules for GA's
- No job security: GA's could be fired for any reason
- No neutral dispute resolution for harassment & discrimination
- No childcare cost reimbursement

WITH OUR UNION:

- Guaranteed annual raises of 3-4%
- Excellent & affordable healthcare
- No Visa Fee (\$900 saved)
- 20 days time off guaranteed
- 6-8 weeks paid parental leave
- Area 2 employee parking
- Job security w/ contract guarantees
- Grievance procedure for bullying, harassment & discrimination
- \$225,000 annual childcare reimbursement fund

The Value of a Union



Members Power These Wins for Everyone!

We don't just make more money, we pay less too.

WHAT MEMBERS MAKE POSSIBLE

Annual Savings:

- Fee waivers: \$1,702-\$2,402
- Health insurance savings: \$2,900+
- Visa fee waiver: \$900 (international students)

Total Annual Savings: \$5,000+

Annual Membership Dues: 1.095%, lowest among all grad unions

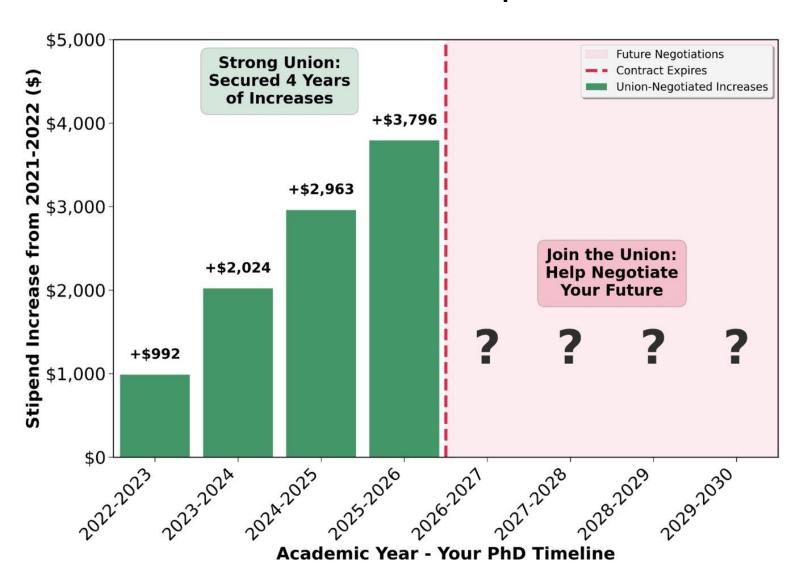
Small Dues, Big Wins!



Members don't just get benefits - they make benefits possible for everyone.

Strong membership = stronger future contracts.

The Future of Stipends



What is Collective Bargaining?

Going It Alone

When you negotiate by yourself with your employer, you have limited power. They can easily say "no" to your requests.

"Hi, can I get a raise?"
"Sorry, budget's tight."

Working Together

22 22 22

When hundreds of GAs speak with one voice through the union, it's much harder to ignore.

There's power in numbers!

"We represent 2,400+ GAs who all need better pay and benefits." "Let's sit down and negotiate."

How Does Collective Bargaining Work?

1

We Survey Our Members & Elect Our BC

What do we want? Better pay? Cheaper parking? We ask ourselves and elect representatives!

2

We Build Our Plan Together

Based on our collective input, we decide what to ask the university for. This plan is ratified by a vote.

3

We Organize & Negotiate

Our elected committee negotiates while we organize together to show our power. 4

We Vote Together

We bring the deal back to all of us - if we like it, it's our new contract!

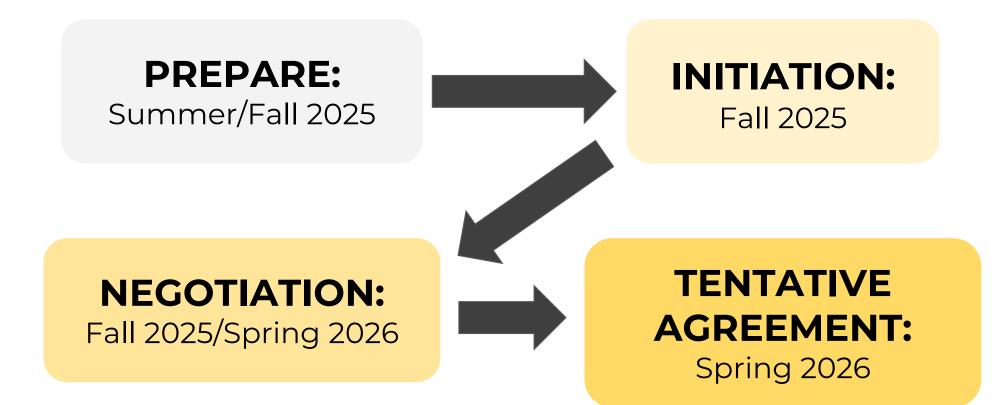
Why This Matters to You

With the current contract we won fee waivers, better health insurance, and guaranteed pay raises. The **next contract** (negotiated in 2025-2026) will determine your working conditions for **most of your time at UConn**!

The only wins we'll get are through organizing together - every improvement depends on our collective action and solidarity.

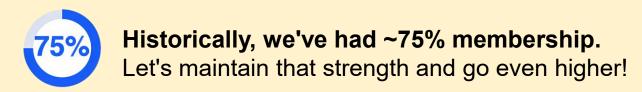
Our Timeline

Collective Bargaining is when a group of people work together through a union to use their combined power to negotiate a labor contract that defines their terms of employment.



Why Your Membership Matters for Bargaining

High membership creates the POWER to win raises and benefits!



Numbers = Leverage

Organizing needs leaders and collective action

High membership shows UConn we represent graduate workers

We can ask for more and we'll get more!

Your Voice = Union Priorities

Only members vote on contract ratification

Only members elect the bargaining committee

Members set our priorities for bargaining

Resources = Results

Membership dues fund legal support

High membership enables us to organize effectively during negotiations

The Community and Benefits of Union Membership

Community and solidarity

Connect with grad students across all departments

Monthly social events, coffee hours, and solidarity actions

Find your support network of people who understand grad school life

Mentorship from experienced union members

Discounts on things like:

Discounts on things like: Car rentals (save hundreds!)

Pet insurance

Phone plans

Legal services

And much more through UnionPlus



POLITICAL ACTION BEYOND UCONN: VCAP

Voluntary Contributions for UAW V-CAP Political action played a key role in establishing our Union and securing a strong first contract for GAs at UConn. Our political voice will continue to have a critical effect on state and federal decisions regarding UConn's teaching and research budgets, which impact our daily lives as graduate assistants. By participating in the V-CAP program, I add my voice to support pro-worker and pro-education candidates and policies and to ensure our priorities are represented in our government. Subject to the terms of the collective bargaining agreement, I hereby authorize the University of Connecticut to withhold each pay period from my earnings, UAW Voluntary Community Action Program (V-CAP) deductions in the following amount and to remit such contribution to UAW V-CAP in the manner agreed upon between the University and the Union at any time while this authorization is in effect. (Applies to VCAP only): Are you legally allowed to make political contributions in the U.S.? \square Yes \square No If you selected "No" to the previous question, you cannot contribute to VCAP. Please do not select an amount below. ☐ \$2.50 ☐ \$5.00 \$12.50 (Directors Club) (Check an amount) Other \$ This authorization is voluntarily made. I understand that the signing of this I also understand that the guidelines for contributions to UAW V-CAP set forth authorization and the making of payments to UAW V-CAP are not conditions of above are merely suggestions, that I can contribute more or less than the guidelines membership in the Union or of employment with the University of Connecticut, that I suggest, and that the Union will not favor or disadvantage me based on the amount have the right to refuse to sign this authorization and contribute to UAW V-CAP of my contribution or my decision not to contribute. without any reprisal, and that UAW V-CAP will use the money it receives to make political contributions and expenditures in connection with federal, state and local Contributions or gifts to UAW V-CAP are not deductible as charitable contributions elections, that all UAW members may be eligible for V-CAP raffle drawings. for federal tax purposes. All UAW members may be eligible for related raffle regardless of whether they make a contribution to UAW V-CAP, and that monies drawings, regardless of whether they make a contribution, UAW V-CAP is an contributed to UAW V-CAP constitute a voluntary contribution to a joint fundraising independent political committee created by the UAW. This committee does not ask effort by the UAW and the AFL-CIO. This authorization shall remain in full force and for or accept authorization from any candidate and no candidate is responsible for effect until revoked in writing by me. its activities. Print Name Signature Date



How You Can Get Involved

Every member can participate in shaping our next contract!

Participate in the Bargaining Survey

- Tell us what improvements matter most to you
- Share your experiences with current working conditions

Attend Organizing Committee Meetings

- Learn to be a leader
- Have one-on-one conversations about why the union matters
- Help turn out members for the contract ratification vote

Show Solidarity

- Attend rallies and actions if needed during negotiations
- Demonstrate our unity to university administration

Vote on Contract Ratification

- Have the final say on whether to accept the negotiated contract
- Only members get to vote!

Join Our Committees

Make a difference in your union and community

Organizing Committee BUILD UNION POWER

Connect with fellow graduate workers, grow our membership, and strengthen our collective voice on campus.

What we do:

- Department walkthroughs
- New member outreach
- Social events
- Campaign planning

Social Justice Committee FIGHT FOR EQUITY

Work on broader social issues, promote equity and inclusion, and build solidarity with other movements.

What we do:

- Equity advocacy
- Community solidarity
- Educational events
- Coalition-building

Grievance CommitteePROTECT YOUR RIGHTS

Help fellow members navigate workplace issues and ensure our contract rights are respected and enforced.

What we do:

- Contract enforcement
- Member support
- Formal grievance process
- Case advocacy

International GAs & Postdocs GLOBAL SOLIDARITY

Address the unique challenges facing international graduate workers and advocate for inclusive policies.

What we do:

- Community-building
- Policy reform
- Visa advocacy
- Cultural support

If you're interested, check 'I want to help make our Union stronger!' on your membership card.

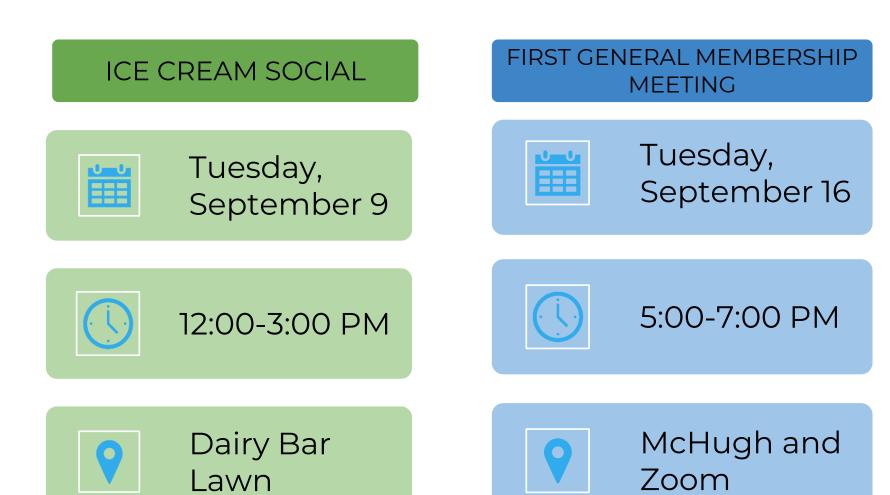
Get Involved!







UPCOMING EVENTS



- Sign up for health insurance
- Sign up for payroll deduction for fee bills
- Parking/UPass
- Workload and Supplemental Description of Duties
- Health and safety measures
- Make sure your fee bill reflects the tuition and fee waivers
- Childcare reimbursement happens towards the end of every semester – make sure you're getting our emails!



New GA onboardi ng site



uconngradunion.org



uconngradunion@gmail.com



GEU-UAW UConn Graduate
Employee and Postdoc Union



@uconngeu



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Questions?

STUDENT RESOURCES

STUDENT HEALTH AND WELLNESS

GRAD SCHOOL GAME PLAN

GRADUATE STUDENT UNION PRESENTATION





QNA SESSION





Department Orientation Schedule

Department	Date	Time	Location
School of Mechanical, Aerospace and Manufacturing Engineering	September 8	3-5 PM	ESB 121
Civil and Environmental Engineering	August 22nd	2 PM	Castleman 212
Chemical and Biomolecular Engineering	August 22nd	1-3 PM	TBD
School of Computing	August 27th	1-5 PM	ITE Foyer



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