



ANNUAL REPORT 2018-2019

NEW YORK UNIVERSITY

Institute of Transportation Engineers Student Chapter



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PRESIDENT'S MESSAGE

“The past year has been exciting and rewarding for the ITE Student Chapter of New York University. This year our priorities are focused upon opening an avenue of opportunity for bringing more tech and multi-disciplinary events as the mobility in cities around the world are transformed by emerging technologies. As smart cities become more connected and integrated, new challenges arise. Having a discipline in transportation along with other disciplines such as computer science will give students a cutting edge in the future.



Moreover, we have continued in enhancing our diversity initiative, and collaborating amongst student clubs, University Transportation Center and many outside organizations. The chapter has helped facilitate the planning for the latest edition of the TransportationCamp in New York City and is very pleased to be the host chapter to this year's Northeastern District Collegiate Traffic Bowl in April.

In the past year, our chapter is honored to have more than 100 new members joined us and we are getting ready for another exiting academic year!

Respectfully,
Jingqin Gao

ABOUT NYU-ITE

NYU Tandon-ITE Student Chapter aims to acquaint students with topics on interest in transportation and traffic engineering. This 15-year history Student Chapter is part of the ITE Metropolitan Section of New York and New Jersey. The main goal of NYU-ITE is to help aspiring future engineers to stay up to date on transportation and technology events, provide a platform for building network of transportation professionals, and offer leadership/Career opportunities. ITE NYU is also committed to building a culture that respects and embraces diversity, inclusion, and equity.

Under the guidance of Professor Jack Bringardner, the ITE Met Section Transportation Education Committee Chair, our Chapter has attracted more than 100 new members in the past year. The new members come from not only Transportation/Civil Engineering Department, but also from 7 different departments including Computer Science, Computer Engineering, Electrical Engineering, Mechanical Engineering, Industry Engineering, Math, and Business and Technology Management. With an emphasis on multi-discipline involvement and emerging technology, the ITE Chapter here at the Tandon School of Engineering at New York University has had a successful year full of different events.

A summary of this year's events, participation in conferences, student publications and the social media initiative are presented on the pages that follow. The membership roster is also included, and the report concludes with information about the initiatives and activities planned for next semester. Please contact tandon-ite@nyu.edu with any questions or comments.

CHAPTER DETAILS

1. STUDENT CHAPTER EXECUTIVE BOARD



Faculty Advisor: Dr. Jack Bringardner, ITE Met Section Transportation Education Committee Chair

2. STUDENT CHAPTER MEMBERSHIP

Number of Student Chapter Members: 192

Number of Student Members of Institute: 47

Number of Students Eligible to be Student Members of the Institute: 192

Number of Faculty Members who are Current ITE Members: 3

3. INFORMATION ON TRANSPORTATION ENGINEERING ENROLLMENT

Number of Undergraduate Students in Civil and Urban Engineering: 142

Does Curriculum Allow Undergraduate Students to Major or Minor in Transportation: YES

Number of Graduate Students in Transportation Engineering: 44

4. SUMMARY OF ACTIVITIES AND MEMBERSHIP ROSTER

See pages 6-27

Report Submitted by:

Siva Soorya Muruga Thambiran,
NYU ITE Secretary

Content approved by:

Jack Bringardner PhD.
Faculty Advisor

STUDENT CHAPTER ACTIVITY OVERVIEW

NYU-ITE MEETINGS

- Sept. 6th, 2018: NYU Tandon 2018 Fall Club Fest
- Sept. 18th, 2018: NYU-ITE General Student/Kick-off Meeting
- Jan. 31st, 2019 NYU Tandon 2019 Spring Club Fest
- NYU-ITE Executive Board Monthly Meetings

TRANSPORTATIONCAMP NYC 2018

- Oct. 13th, 2018: TransportationCamp NYC 2018

SMART CITIES TECH & CAREER TALKS SERIES

- Apr. 25th, 2018: Future of Transportation Industry – Emerging Technologies. Tyler Green Intersection; Abdullah Kurkcu, NYU and Carson Qing, AKRF
- Oct. 9th, 2018: SIEMENS as a Global Leader in Engineering. David Costello, Project Director of Mobility at Siemens
- Nov. 5th, 2018: Working Experience, Project Examples and Interview Tips from AMAZON. Xiaonin Li, SED II at Amazon & Co-founder at Select; Reuben Juster, Former Business Intelligence/Data Engineer, Amazon

DIVERSITY EVENTS

- Mar. 22nd, 2018: 1st Women in Transportation Panel Discussion. Alexandra Aiello, Strategic Analyst, MTA Bridges & Tunnels; Tra Vu, Technical Director, GPI; Julia Kite, Director of Strategic Initiative, NYCDOT, Laura Torres, Modeler, AIMSUN

FIELD & WORKPLACE VISITS

- Apr. 5th, 2018: NYCDOT Traffic Management Center Field Visit
- Nov. 3rd, 2019: NYCDOT Traffic Management Center Field Visit
- Nov. 14th, 2018: Stonefield Workplace Visit

UPCOMING EVENTS

- Mar. 7th, 2019 Resume Workshop – co-host by NYU-ITE, ASCE-NYU and NYWEA
- Mar/Apr 2019: Cambridge Systematics/Amazon Fulfillment Center Workplace Visit
- Mar. 27th, 2019: 2nd Women in Transportation Panel Discussion. Nadereh Moini, New Jersey Sports and Exposition Authority; Alexandra Aiello, MTA Bridges & Tunnels; Yixin Wang, Cambridge Systematics, Olya Arakhouskaya, NJ Transit
- Apr. 12th, 2019: ITE Northeastern District Collegiate Traffic Bowl and Student Symposium. NYU-ITE will be the host chapter
- Apr. 24th, 2019: Smart Cities Tech & Career Talks series: Sidewalk Labs

ITE EXECUTIVE BOARD MONTHLY MEETINGS

ITE executive board meetings are held once in a month either in the Hub (LC 223) or C2SMART Center (6th floor, 15 MetroTech). The agenda for the meetings usually revolves around funding, new leadership positions, organizing events, conferences as well as site visits.

Date	Description
Mar 15, 2018	Discussion and Review of the Women in Transportation event. Creation of the first ITE-ITS Newsletter Content
Mar 29, 2018	General Meeting
Apr 9, 2018	Discussion for the tech & transportation event.
Apr 18, 2018	Discussion on Tech & Transportation Talks (confirmed speakers, event location & food)
Apr 26, 2018	Review of new membership, lesson learned from this semester's ITE/ITS events and election of the new ITE-ITS e-board members for next semester
Sept 4, 2018	Discussion on Club Fest; Discussion on General Meeting
Sept 28, 2018	Review of new membership; Organization of events for current and next semester; Establishment of website framework
Nov 6, 2018	Review of events held over last two months; Discussion on budget and funding, holding Traffic Bowl, increasing social media presence
Dec 4, 2018	Postponement of Game Night; Event Planning for Spring semester; Changes in Leadership Board
Feb 7, 2019	Traffic Bowl to be held in NYU Tandon on April 12; send out promotional material for the event; Discussion on upcoming events such as Women in Transportation event

EVENTS

NYU Tandon School of Engineering 2018Fall/2019 Spring Club Fest

The chapter participated at the Tandon Club Fest Fall 2018 and Spring 2019 where new members were recruited for the club and current members were welcomed back. It was an opportunity for ITE to represent ourselves and our initiatives to members of the community. More than 140 students signed up during the events and 118 of them confirmed their interest by OrgSync, the NYU directory of clubs created for increasing community participation.



ITE/ITS Kick-Off Meeting 2018

Number of participants: 30

The main agenda for the meeting was to reintroduce the Chapter to Tandon students, explain general functions and resources provided by ITE society, and recruit new members. Two of the Tandon faculty members were present at the kick-off meeting – Prof. Jack Bringardner, and Prof. Joseph Chow. They gave short speeches welcoming students and talking about ITE purpose and benefits that come with being a part of it. NYU ITE chapter's president, Jingqin, spoke in detail about ITE student benefits, such as a free chapter membership and a free first-year national membership, upcoming events, and finally internship and job opportunities available to upperclassmen peers. In addition to many Tandon Students, NYU Center for Urban Science and Progress (CUSP) and Wagner students also joined the meeting.



TransportationCamp NYC 2018

Number of participants: 200+

Number of Volunteers from ITE Student Chapter: 23

Transportation Camp was an “unconference” where sessions were determined and led by the attendees. Each single attendee has the opportunity to shape and lead the events by proposing the ideas they would like to discuss at the beginning of the day. Transportation Camp NYC 2018 was an all-day event and was opened to the public. NYU ITE student chapter acted as a volunteering group in this camp. There were 23 ITE officers and members who volunteered in assisting the event including the checking-in process, running session proposals, shuttling attendees to different locations and staffing the board.



Women in Transportation Panel Discussion

Number of participants: 40

Being a part of the broader *Women at Tandon Initiative*, a formal effort to increase representation, retention and success of women in the science, technology, math and related fields, this event was a panel discussion between several leading women in the transportation industry in New York City. The panelists worked for NYCDOT, MTA and AIMSUN and the discussion was moderated by Dr. Tra Vu. Approximately 40 students were in attendance and there was a lively audience Q&A following the event. This event gave students an opportunity to meet professional leaders and ask them questions about their career paths, solicit advice and better understand the day-to-day work of a transportation professional in New York.



SMART CITIES TECH & CAREER TALKS SERIES

The Smart Cities Tech & Career Talks series features a range of speakers with expertise on the latest in transportation innovations and smart cities technology. We strongly believe that the students can benefit and inspire from our guest speakers.

Talk #1: Future of Transportation Industry – Emerging Technologies

This was a “lightning talks” presentation series from a set of experts working on cutting-edge transportation technology. Two of the presenters worked for Intersection (Sidewalk Labs) and AKRF

while one was a research scientist at and recent Ph.D. graduate from NYU Tandon. During the presentation, the speakers covered emerging transportation technologies in the wayfinding / informatics, transportation planning data and connected cities.



Talk #2: SIEMENS as a Global Leader in Engineering

David Costello, Project Director of Siemens Mobility, came to NYU to discuss what Siemens does as a global leader in engineering, including new technology developed by his mobility division, his personal project experience, and the skills needed to succeed in the industry. Students also had opportunities to learn about careers in smart cities engineering and technology.



Talk #3: Working Experience, Project Examples and Interview Tips from AMAZON

Two guest speakers (Xiaonin Li and Reuben Jusber) were invited to the Tech & Career Talk at the C2SMART Laboratory (6W-23) on 5th November, 2018. Mr. Li is a Software Development Engineer II at Amazon Advertising Demand-Side-Platform that enables advertisers with handy web-based tools to run advertising campaigns. Reuben Juster is our NYU ITS Student Chapter Vice President. He is currently a first year Ph.D. student in Transportation Planning and Engineering. Prior to that, he worked two years for Amazon as a Business Intelligence/ Data Engineer primarily in the middle mile freight system.

Both of the speakers discussed what Amazon does as a global leader in logistics. They shared with the students their personal working experience, interview tips (both general and Amazon specific). There was also a casual networking session after the talk.



FIELD & WORKPLACE VISITS

The aim of these events is to provide opportunities for our members to know more about our industry by visiting the site in person.

NYCDOT Traffic Management Center

Two site visits to the NYC Department of Transportation (NYCDOT) Traffic Management Center located in Long Island City, Queens were held in April and November 2018. DOT's Traffic Management Center (TMC) uses one integrated system to manage 12,800+ signalized intersections in the city. Dr. Talas and Dr. Patel led the tours of the TMC and discussed

congestion mitigation strategies for both Midtown in Motion - New York's award-winning traffic control system and the city as a whole.



Stonefield Workplace Visit

Stonefield Engineering & Design offered an unique opportunity for NYU ITE club members to visit its Headquarters in Rutherford, New Jersey. Nine members visited there on 14th November 2018. They had a chance to talk about a project with their senior managers, ask questions, tips about internship and job search in this industry from recent graduates who were working there.



MEETINGS AND CONFERENCES

The NYU-ITE Student Chapter has always placed a special emphasis on meeting and conferences. Attendance at local research events, state and district meetings allows students to learn from a wide variety of perspectives related to current transportation issues and also provide them with an opportunity to network and build relationships with many inspiring leaders in the field. In the past year, Students from the NYU-ITE Student Chapter were present at the following meetings:

- 2018 NYU Urban Research Day – Mar. 20th, 2018
- ITE Northeastern/Mid-Colonial Districts 2018 Student Leadership Summit -April 13 – 15th, 2018
- 2018 NYU Tandon School of Engineering Research Expo – Apr. 27th, 2018
- WTS Greater New York 2018 Annual Gala – Oct. 10th, 2018
- ICTPA-USNE 24th 2018 Annual Meeting – Oct. 13th, 2018
- The 98th Annual Meeting of the Transportation Research Board – Jan. 12-16th, 2019
- 2019 ITE Annual Open House Reception for Students– Jan. 14th, 2019
- ITE Metropolitan Section of NY & NJ Executive Board Meeting – Jan. 16th, 2019
- Young Professionals in Transportation NYC Board Game Night – Jan. 26th, 2019
- ITE Young Member Event - Feb. 21st, 2019



ITE NORTHEASTERN DISTRICT – STUDENT LEADERSHIP SUMMIT 2018

The student chapter attended the 2018 ITE Northeastern District- Student Leadership Summit where a three member team- Bruno Cunha, Mateo Leon and Siva Sooryaa Muruga Thambiran competed in the Traffic Bowl. They secured the third prize in the completion.

The Summit was the first edition of the Student Leadership Summit to be held in the Northeastern/Mid-Colonial Districts. It was held between 13 April to 15 April. Through the promotion of leadership and professional development, these events aim to guide future transportation professionals.

The Summit included mock interviews with professionals, a Trivia Night, networking opportunities, a Symposium to showcase student posters, interactive sessions, professional technical sections and other social events. The members of the chapter gained insights on what the Summit stands for and how it is to be managed so that the NYU chapter can potentially host the event in the near future.

The Traffic Bowl is a competition which features teams comprised of 3 students testing their knowledge of ITE, transportation planning and engineering topics as well as some fun categories. During the 2018 Traffic Bowl, the NYU team members competed and went to the preliminary round, where it was eliminated by the eventual winners. They eventually secured the third prize.



NYU ITE team won the third prize in ITE Northeastern Traffic Bowl 2018

STUDENT CHAPTER GOES TO TRB

The ITE Student Chapter sent 18 active members to Washington D.C. to attend the 98th Annual Meeting of the Transportation Research Board. The chapter was proud to have 15 conference publications by its members presented at TRB.

In addition, the chapter displayed research highlights at NYU/C2SMART Center booth in the Exhibit Hall, where NYU-ITE students and staff from C2SAMRT spoke with attendees about our chapter's mission and current events. The Student Chapter also assisted NYU's TIER 1 University Transportation Center C2SMART Reception and attended 2019 ITE Annual Open House Reception for Students.

- ITE Annual Open House Reception for Students: Our members visited the ITE Headquarters where Jeff Paniati, Executive Director and CEO at ITE, gave an inspirational speech about the bright future of transportation.
- NYU/C2SMART Center Reception at TRB: The chapter got the opportunity to network with other young professionals in the field of transportation from all around the country.



STUDENT PRESENTATIONS AND PUBLICATIONS

We are pleased to announce these selected presentations and publications authored by our Student Chapter members:

- Bartin, B., Ozbay, K., Gao, J., Kurkcu, A., Calibration and validation of large-scale traffic simulation networks: a case study. *Procedia Computer Science, Elsevier, 2018*
- Bartin, B., Ozbay, K., Yang, H., Evaluation framework for mobile ticketing applications in public transit: a case study. *IET Intelligent Transport Systems, 2018*
- Gao, J., Xie, K., Ozbay K., Exploring the Spatial Dependence and Selection Bias of Double Parking Citations Data. *Transportation Research Record: Journal of Transportation Research Board, 2018*
- Mudigonda, S., Ozbay, K., Bartin, B., Evaluating the resilience and recovery of public transit system using big data: Case study from New Jersey. *Journal of Transportation Safety & Security, 2018*
- Ozbay, K., Ban, X., Yang, C.Y.D., Developments in connected and automated vehicles. *Journal of Intelligent Transportation Systems, 2018*
- Yang, H., Wang, Y., Xie, K., Ozbay, K., Imprialou, M., Methodological evolution and frontiers of identifying, modeling and preventing secondary crashes on highways. *Accident Analysis and Prevention, 2018*
- Yang, H., Xie, K., Ozbay, K., Ma, W., Wang, Z., Use of Deep Learning to Predict Daily Usage of Bike Sharing Systems. *Transportation Research Record: Journal of Transportation Research Board, 2018*
- Zhu, Y. Xie, K., Ozbay, K., Hurricane Evacuation Modeling Using Behavior Models and Scenario-Driven Agent-Based Simulations. *Procedia Computer Science, Elsevier, 2018*
- , Crowdsourcing Incident Information for Emergency Response using Open Data Sources in Smart Cities. *Transportation Research Record: Journal of Transportation Research Board, 2018*
- Bartin, B., Ozbay, K., Gao, J., Kurkcu, A., Calibration and validation of large-scale traffic simulation networks: a case study. *ABMTRANS 2018: The 7th International Workshop on Agent-based Mobility, Traffic and Transportation Models, Methodologies and Applications, 2018*
- Kurkcu, A. and Ozbay, K., An empirical investigation of achievable of flows gains on a dedicated bus lane by minimizing extreme headways. *TRB Traffic Flow Committee Mid-Year Meeting, 2018*
- Zhu, Y. Xie, K., Ozbay, K., Hurricane Evacuation Modeling Using Behavior Models and Scenario-Driven Agent-Based Simulations. *ABMTRANS 2018: The 7th International Workshop on Agent-based Mobility, Traffic and Transportation Models, Methodologies and Applications, 2018*
- Gao, W., Jiang, Z., Ozbay, K., Gao, J., Data-driven Cooperative Adaptive Cruise Control of Buses on the Exclusive Bus Lane of the Lincoln Tunnel Corridor. *Transportation Research Record: Journal of the Transportation Research Board, 2018*
- Kurkcu, A., Ozbay, K., Analytical Modeling of Information Dissipation in Urban Arterials with Connected Vehicles. *Transportation Research Record: Journal of the Transportation Research Board, 2018*
- Xie, K., Ozbay, K., Yang, K., Xu, C., Yang, H., Modeling Bicycle Crash Costs Using A Grid-Cell-Based Random Parameters Tobit Model. *Transportation Research Record: Journal of the Transportation Research Board, 2018*


- Yang, H., Wang, Z., Ozbay, K., Xie, K., Zhu, Y, An Improved Methodological Framework based on Probe Vehicle Data for Detecting Secondary Crashes. Transportation Research Record: Journal of the Transportation Research Board, 2018
- Zuo, F., Kurkcu, A., Ozbay, K., Gao, J., Crowdsourcing Incident Information for Emergency Response Using Open Data Sources in Smart Cities. Transportation Research Record: Journal of the Transportation Research Board, 2018
- Gao, J., Ozbay, K., Zuo, F., Kurkcu. A., A Life Cycle Cost Analysis Approach for Emerging Intelligent Transportation Systems with Connected and Autonomous Vehicles. Transportation Research Record: Journal of the Transportation Research Board, 2018
- Gao, W., Gao, J., Ozbay, K., Jiang, Z., Reinforcement-Learning-Based Cooperative Adaptive Cruise Control of Buses in the Lincoln Tunnel Corridor with Time-Varying Topology. IEEE Transactions on Intelligent Transportation Systems, 2019
- Abou-Dasm, O., Ma, Z., Chow, J. Y. J., Diabat, A., Quantifying the effect of cyclist behavior on bicycle crashes and fatalities. Transportation Research Record, 2018
- Balac, M., He, Y., Chow, J. Y. J., Axhausen, K., Exploratory analysis of free floating carshare trip patterns under varying reservation costs. Transportation Research Record, 2018
- Caros, N., Chow, J. Y. J. Effects of violent crime and vehicular crashes on active mode choice decisions in New York City. Transportation Research Record, 2018
- Caros, N., Chow, J. Y. J. Two-sided market evaluation of last-mile transit operations with en-route transfers. hEART Symposium, 2018
- He, Y., Zhou, J., Dmitriyeva, A., Su, H., Ma, Z., Shlyakhova, C., Chow, J. Y. J., Balac, M., Mode choice model with emerging mobility services in New York. Transportation Research Record, 2018
- He, Y., Ma, Z., Zhou, J., Balac, M., Su, H., Dmitriyeva, A., Shlyakhova, C., Chow, J. Y. J., Perturbing tour-based nested logit mode choice model parameters to fit to aggregate emerging mobility trip data. 17th TRB National Transportation Planning Applications Conference, 2018
- Jung, J., Chow, J.Y.J, Effects of charging infrastructure and non-electric taxi competition on electric taxi adoption incentives in New York City. Transportation Research Record, 2018
- Pantelidis, T., Ma, T. Y., He, Y., Chow, J. Y. J., Queueing-based rebalancing optimization for free-floating electric vehicle carshare. Transportation Research Record, 2018
- Yoon, G., Chow, J. Y. J. Bootstrapped casual pass choice model for bike-share revenue management. Transportation Research Record, 2018
- Allahviranloo, M., Chow, J.Y.J, A fractionally owned autonomous vehicle fleet sizing problem with time slot demand substitution effects. Transportation Research Part C, 2019
- Liu, X., Chow, J.Y.J., Li, S, Online monitoring of taxi travel momentum and congestion effects using projections of taxi GPS-based vector fields. Journal of Geographical Systems, 2018
- Chuan Xu, Jingqin Gao, Fan Zuo, Kaan Ozbay, Haipeng Cui, Understanding Spatial-Temporal Impact on Mode Preference between Taxi and E-Hailing Service. the 98th Annual Meeting of Transportation Research Board, 2019
- Omar Abou Kasm, Ziyi Ma, Joseph Chow, Ali Diabat, Quantifying the Effect of Cyclist Behavior on Bicycle Crashes and Fatalities. the 98th Annual Meeting of Transportation Research Board, 2019

- Tai-Yu Ma, Theodoros Pantelidis, Joseph Chow, Optimal queueing-based rebalancing for one-way electric carsharing systems with stochastic demand. the 98th Annual Meeting of Transportation Research Board, 2019
- Jingqin Gao, Kaan Ozbay, Abdullah Kurkcu, Multi-Source Data Fusion for Urban Traffic State Estimation: A Case Study of New York City. the 98th Annual Meeting of Transportation Research Board, 2019
- Zeng Xu, Elena Prassas, John Falcocchio, Development of a Traveler-Oriented Traffic Performance Metric in a Highly-Congested CBD Using Travel Time Data. the 98th Annual Meeting of Transportation Research Board, 2019
- Jingqin Gao, Kaan Ozbay, Hani Nassif, Onur Kalan, Stochastic Multi-Objective Optimization-Based Life Cycle Cost Analysis for New Construction Materials and Technologies. the 98th Annual Meeting of Transportation Research Board, 2019
- Onur Kalan, Abdullah Kurkcu, Kaan Ozbay, Is Additive Utility Function Always A Sufficient Method in the Project Prioritization Process? A Bridge Management Perspective. the 98th Annual Meeting of Transportation Research Board, 2019
- Shayan Khan, William Bierds, Jack Bringardner, Joseph Chow, Transportation Technology Transfer Canvas: Using Entrepreneurial Processes to Turn Research into Practice. the 98th Annual Meeting of Transportation Research Board, 2019
- Yingxi Cao, Abdullah Kurkcu, Kaan Ozbay, Blockchain: A Safe, Efficient Solution for Driver Privacy and Connected Vehicle Transportation Data Sharing. the 98th Annual Meeting of Transportation Research Board, 2019
- Jaeyoung Jung, Joseph Chow, Effects of Charging Infrastructure and Non-electric Taxi Competition on Electric Taxi Adoption Incentives in New York City. the 98th Annual Meeting of Transportation Research Board, 2019
- Jinkai Zhou, Xuebo Lai, Joseph Chow, Multi-Armed Bandit On-time Arrival Algorithms for Sequential Reliable Route Selection unde Uncertainty. the 98th Annual Meeting of Transportation Research Board, 2019
- Wan Li, Xuegang Ban, A deep learning approach for land-based short-term traffic volume prediction at signalized intersections. the 98th Annual Meeting of Transportation Research Board, 2019
- Zilin Bian, Kaan Ozbay, IDENTIFYING UNCERTAINTY OF WORK ZONE CAPACITY USING NEURAL NETWORK MODELS. the 98th Annual Meeting of Transportation Research Board, 2019
- Di Sha, Kaan Ozbay, Zilin Bian, Ding Wang, Yue Ding, A Stochastic Collocation Method for Uncertainty Quantification and Calibration of. the 98th Annual Meeting of Transportation Research Board, 2019
- Di Yang, Kun Xie, Kaan Ozbay, Hong Yang, Noah Budnick, Zone-based Modeling Time-dependent Safety Performance Using Smartphone-based Connected Vehicle Data. the 98th Annual Meeting of Transportation Research Board, 2019
- Yuan Zhu, Kaan Ozbay, Hong Yang, Fan Zuo, Di Sha, Modeling and simulation of cascading failures in transportation systems during hurricane evacuations. the 98th Annual Meeting of Transportation Research Board, 2019
- Nicholas Caros, Joseph Chow, Effects of violent crime and vehicular crashes on active mode choice decisions in New York City. the 98th Annual Meeting of Transportation Research Board, 2019

SOCIAL MEDIA

One of the goals of the student chapter was to promote events and encourage participation in the NYU and NYC transportation community. Besides the bi-weekly newsletters, the Student Chapter has fully embraced social media and has used it to connect students with alumni, professionals, and organizations this year. Below is a snapshot of NYU ITE Instagram account posts grid, Twitter account, and Facebook group.

INSTAGRAM




NYU ITE Chapter
@nyuite

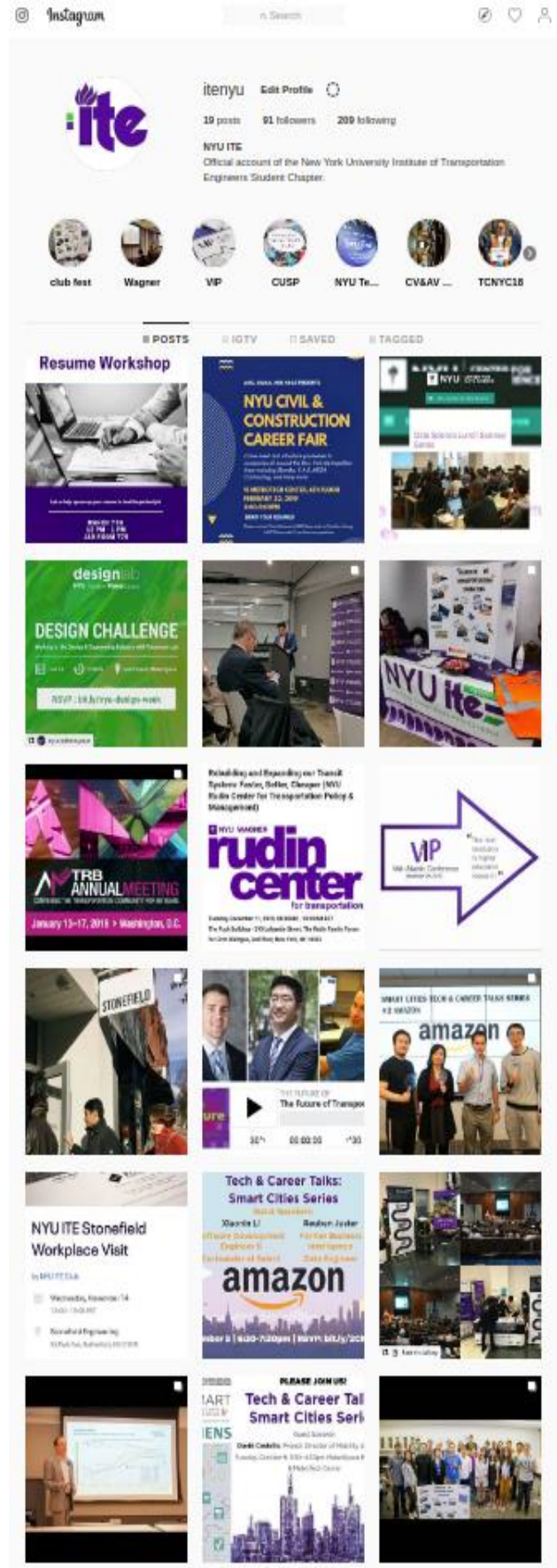
The official twitter for the New York University Institute of Transportation Engineers Student Chapter.

📍 Brooklyn, NY

📅 Joined April 2018

📷 37 Photos and videos





The screenshot shows the Instagram profile for 'itenyu' (NYU ITE). The profile has 19 posts, 91 followers, and 209 following. The grid of posts includes:

- Resume Workshop
- NYU CIVIL & CONSTRUCTION CAREER FAIR
- designlab DESIGN CHALLENGE
- TRB ANNUAL MEETING
- rudin center for transportation
- NYU ITE Stonefield Workplace Visit
- Tech & Career Talks: Smart Cities Series
- amazon
- Tech & Career Talk Smart Cities Series

TWITTER

ITE Met Section
@ITEMetSection

@nyutandon ITE student chapter bringing home the prizes at Student Leadership Summit at UMass Amherst! #SLS2018 Thanks @UMassITE!



8:21 PM - 10 Apr 2018

ite NYU ITE Chapter
@nyute

"Tech & Transportation Talks Series" a night with presentations from a great lineup of professionals working on cutting-edge technology in the transportation field. Thanks to @ITEMetSection for your help and support.



9:03 PM - 26 Apr 2018

ite NYU ITE Chapter
@nyute

Our Chapter was awarded with the Student Leaders Award "Interpersonal Leadership Development of the Year" thanks to our members, our adviser Jack Bringardner and all the ppl who made it possible. @mscaros @bachdiop85, @ITEMetSection @BuiltLabNYU @urbanMITS @nyutandon & C2SMART.

ite NYU ITE Chapter
@nyute

Happening now!! @BuiltLabNYU students and members of our student Chapter Elsa and Yuehual, are presenting their research at the @nyutandon Research Expo 2018.



11:18 AM - 27 Apr 2018

ite NYU ITE Chapter
@nyute

WTS Advancing Women in Transportation Greater New York Chapter Scholarships!!! To assist women pursuing education and professional careers in transportation-related fields. Apply Now!!!! wtsinternational.org/greaternewyork...

12:32 PM - 9 May 2018

Abdulhak Kurkcu
@AbdulhakKurkcu

#C2SMART representing @nyutandon @ 2018 ITS NY - 25th Annual Meeting & Technology Exhibition



1:02 AM - 14 Jun 2018

ite NYU ITE Chapter
@nyute

Thank you for attending the joint kick-off meeting of NYU ITE and ITS Student Chapters!!! We hope everyone enjoyed the talks and jeoportation. @nyutandon @ITEMetSection @ITSNewYork #C2SMART



8:47 AM - 19 Sep 2018

ite NYU ITE Chapter
@nyute

Thank you all for participating in #TechCareerTalk by David Costello, Project Director of @SiemensMobility. Organized by #C2SMART. #SmartCities series features speakers with expertise on innovations in #transportation and other smart cities technologies. @nyumakerspace @nyutandon

TransportationCamp
@TransportationCampNYC

STUDENTS: Thanks to the generosity of our sponsors, we've been able to add a limited number of FREE student tickets for TransportationCamp NYC 2018! Not registered yet? Hurry, they won't last long! [eventbrite.com/e/transportati...](http://eventbrite.com/e/transportation-camp-nyc-2018) #TCNYC18

TransportationCamp NYC 2018
@TransportationCampNYC

TransportationCamp NYC 2018 will foster open conversation and collaboration in mobility and the nation changed the present & experiencing in transportation. transportationcampnyc.com

8:42 AM - 6 Oct 2018

ite NYU ITE Chapter
@nyute

Congratulations to @abdulhakkurkcu for being selected as one of the 2018 class of Emerging Leaders in Transportation! from The Rudin Center @NYURudin. He is the second member of ITE-NYU and #C2SMART center to win this prestigious leadership award after @dcorreab won in 2017.

10:24 AM - 10 Oct 2018

Abdulhak Kurkcu
@AbdulhakKurkcu

"Cars are extremely dangerous weapons today..." - Justin Cappos explaining security vulnerabilities of connected and autonomous vehicles #C2SMART @nyutandon

ite NYU ITE Chapter
@nyute

New York City Transit President Andy Byford is giving a talk on "Fast Forward" now at TransportationCamp NYC 2018 @TransportoCampNYC @nyutandon #TCNYC18



ite NYU ITE Chapter
@nyute

Tomorrow #C2SMART and @nyutandon will be hosting a Symposium on Connected and Autonomous Vehicles cavnycsymposium.com Event focused on issues around implementation of CAVs in New York City, including the latest on the #NYCDOT #CV Pilot program. RSVP: shorturl.at/qLT28

6th Symposium on Connected and Autonomous Vehicles
@nyute

6th Symposium on Connected and Autonomous Vehicles
@nyute
@nyute
@nyute

8:19 AM - 22 Oct 2018 from Westbury, NY

Kaan Ozbay
@KaanOzbay

Second day of the 6th Connected and Autonomous Vehicles (CAV) Symposium at NYU Tandon School of Engineering organized by C2SMART #C2smart @nyuniversity @nyutandon



9:07 AM - 24 Oct 2018

ite NYU ITE Chapter
@nyute

NYU C2SMART University Transportation Center: Dr. Jonathan Peters is giving a talk on household transportation spending and CAV communications systems. #C2SMART @nyutandon @nyuniversity Watch live: youtube.com/watch?v=rTY3ev...



12:17 PM - 13 Nov 2018 from Westbury, NY

NYU Tandon
@nyutandon

NYU Tandon Professor and C2SMART Director Kaan Ozbay discusses NYU Tandon's role in the NYC Connected Vehicle Project and how connected vehicle technology has the potential to make city streets safer with @LuisaRoznerTV for @CBSNewYork #NYUTandonMade

ite NYU ITE Chapter
@nyute

NYU ITE/ITS Smart Cities Tech and Career Talk Series: Thanks Rueben Juster & Xiaomin Li who gave talks tonight on their working experiences at Amazon plus interview tips! @nyutandon @nyuniversity #C2SMART

ite NYU ITE Chapter
@nyute

Congratulations to our past-president @dcorreab for being selected as one of the 5 winners of the annual #NOCOEOPs, ePortfolio Contest. @nyutandon @ITEMetSection @ITEHQ @NASEMTRB #TRBAM #TSMO #C2SMART #Transportation @nyuniversity

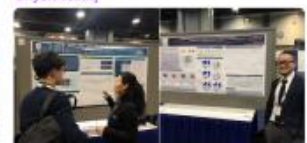
NOCOEOPs
@NOCOEOPs

Congratulations to Diego Correas (@dcorreab) for being selected as a winner of NOCOEOPs 2018 ePortfolio Student Contest! @nyutandon @ITEMetSection @ITEHQ @NASEMTRB #TRBAM #TSMO #C2SMART #Transportation @nyuniversity

2:00 PM - 13 Dec 2018

urbanMITS
@urbanMITS

NYU's C2SMART students presenting their papers at the 2019 TRB conference @nyutandon @NASEMTRB @NYUsoENGac @nyuniversity



1:27 AM - 14 Jun 2019 from Westbury, New York City, New York

ite NYU ITE Chapter
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Warm welcome from ITE HQ Annual open house reception for the student @ITEMetSection @ITEHQ




3:00 PM - 15 Jan 2018

Facebook presence is achieved by NYU ITE/ITS group activities. Below is the summary of group insights retrieved on February 28th, 2019.


FACEBOOK


STUD  Change group cover



Joined ▾
✓ Notifications
↗ Share
⋮ More

Group Insights


16 +167% <small>New members Last 28 days</small>	173 +68% <small>Posts, comments and reactions Last 28 days</small>	 +2 <small>Joseph Chow, Reuben Morris Juster and others are top contributors.</small>
More growth details	More engagement details	More member details

Growth Last 28 days ▾
[Download Details](#)


Total members

Jan 30, 2019-Feb 26, 2019

84 Members






84
Total members
+24%


Connect people who like your Page to this group by linking it.

Link Page
×

Membership requests

 13 <small>Approved</small>	 0 <small>Declined</small>	 0 <small>Blocked</small>	0 <small>Current pending requests</small>
			See pending requests

UPCOMING EVENTS

The 2nd Women in Transportation Panel Discussion

The 2nd “Women in Transportation Panel Discussion” will take place at 5:00 PM on March 27th at the Department of Civil & Urban Engineering, 15 MetroTech Center, Brooklyn. A student moderator and five prominent women speakers from local transportation agencies and private sectors will have a Q&A style panel discussion. This event is part of the broader *Women at Tandon Initiative*.

ITE Northeastern District Collegiate Traffic Bowl and Student Symposium

The ITE NYU Student Chapter is pleased to host the 2019 Northeastern District Traffic Bowl on April 12 this year. This is a jeopardy-style trivia competition among ITE Collegiate Chapters. As a part of the Traffic Bowl event, NYU in collaboration with the ITE Northeastern District and MET Section are hosting a student symposium for posters and presentations.

Resume Workshop

A resume workshop organized by the chapter along with the student chapters of American Society of Civil Engineers (ASCE) and the New York Water Environment Association (NYWEA) will take place on March 7th. A representative from the NYU Wasserman Career Development Center would be there to assist with the preparation and to answer questions.

Amazon's Robot-Filled New York Fulfillment Center Tour

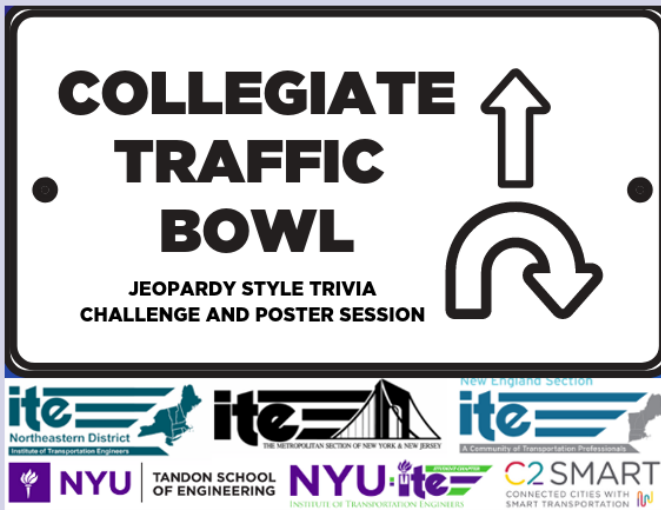
The chapter would be arranging a visit to the Amazon fulfillment center in Staten Island, NY. The 855,000-square-foot facility that Amazon opened in September 2018 inside a logistics park on New York's Staten Island not only is 20% smaller than its traditional fulfillment centers but also represents one of 26 “robotic buildings” that Amazon has globally, mostly in the U.S., out of its more than 175 fulfillment centers worldwide.

Company Visit:

Cambridge Systematics is offering unique opportunity for NYU ITE club members to visit its company office in New York. It will be an opportunity for members to talk with professionals regarding strategic planning, management services, traffic analysis and developing transport solutions. It is also a forum for asking about internship and job opportunities.

Smart Cities Tech & Career Talks series: Sidewalk Labs

A speaker from Sidewalk Labs will give a speech on challenges and technology solutions from growing cities, longer commutes and higher rents.



amazon



CAMBRIDGE
SYSTEMATICS

ASCE
AMERICAN SOCIETY OF CIVIL ENGINEERS



NYU ITE
INSTITUTE OF TRANSPORTATION ENGINEERS



NYU | Wasserman Center
for Career Development

Resume Workshop

APPENDIX: MEMBERSHIP ROSTER

Name	Email Address	Name	Email Address
Hurbert Shauri	hhs273@nyu.edu	Jiacheng Wang	jw5728@nyu.edu
Thomas Lira	tl2691@nyu.edu	Jianfeng Wu	jw5751@nyu.edu
Angelo Yerovi	agy221@nyu.edu	Mengyun Li	ml6506@nyu.edu
Tianyu Zhou	tz1207@nyu.edu	Namratha Murthy	nm3196@nyu.edu
Mina Lee	ml6543@nyu.edu	Klo'e Ng	kyn227@nyu.edu
Manrique Vargas	mv1742@nyu.edu	Po-Hsien Wu	phw273@nyu.edu
Nicola Ramdass	nrr286@nyu.edu	Nan Zhang	
Teze Wang	tw1916@nyu.edu	Tarj Ketan Shroff	tk296@nyu.edu
Tatyiana Gordon	tag401@nyu.edu	Bruno Cunha	bcc376@nyu.edu
Edward Cheng	ec3084@nyu.edu	Assel Dmitriyeva	ad4336@nyu.edu
Yichen Guo	yg1835@nyu.edu	Jingqin Gao	kg3146@nyu.edu
Ranjitha	rg3595@nyu.edu	Hio Kuan Kong	hkk315@nyu.edu
Gurushanthappa		Fan Zuo	fz380@nyu.edu
Meredith Raymer	mar977@nyu.edu	Jia Xu	kg731@nyu.edu
Nina Scher	ns3586@nyu.edu	Murshid Hussain Qazi	mq203@nyu.edu
Farah Shahbaz	fs1399@nyu.edu	Hassaan Qazi	kg372@nyu.edu
Nathan Sutton	ns4117@nyu.edu	Dhaksha Kujugodu	dk366@nyu.edu
Ilia Papakonstantinou	ip28@nyu.edu	Shivakumar	
Stephen Stark	sms960@nyu.edu	Nishanthkumar	ns3382@nyu.edu
Uma Lakshman	uml202@nyu.edu	Selvakumar	
Hisashi Kanamori	hk2946@nyu.edu	Billy Ben	btb285@nyu.edu
Rohit Ashok Palde	rap571@nyu.edu	Mateo Leon	ml301@nyu.edu
Hard Patel	hap338@nyu.edu	Viranch Jayeshbhai Shah	vjs290@nyu.edu
Hella Alostha-Alnajjar	ht748@nyu.edu	Sarah Casaceli	smc863@nyu.edu
Xinru Li	xl2641@nyu.edu	Parry Tu	pt987@nyu.edu
Omar Abou Kasm	oak240@nyu.edu	Daniel Bressler	db3578@nyu.edu
Qinyu Goh	qg412@nyu.edu	Julian Ferreiro	jif245@nyu.edu
Rohun Iyer	ri619@nyu.edu	Daniel Bogun	dab615@nyu.edu
Xiao Jing	xj655@nyu.edu	Nicholas Caros	nc2194@nyu.edu
Marvin Mananghaya	msm796@nyu.edu	SUPREETH KUMAR	skk467@nyu.edu
Zhexi Fu	zf524@nyu.edu	KUMARASWAMY	
Timothy Mulumba	tm2495@nyu.edu	Helen Xu	hxx201@nyu.edu
Joshua Afrifa	ja2717@nyu.edu	Tianyi Zhang	tz1066@nyu.edu
Suzana Duran Bernardes	sdb425@nyu.edu	Andrew Matula	adm542@nyu.edu
Patrick Scalise	pgs285@nyu.edu	Thomas Isola	ti582@nyu.edu
Li Li	ll3252@nyu.edu	Samat Amirbekov	sa4135@nyu.edu
Qi Liu	ql375@nyu.edu	Camryn Wilkins	ccw438@nyu.edu
Theodoros-Panagiotis	tpp254@nyu.edu	Neha Nayak	njn254@nyu.edu
Pantelidis		Harshita Paryani	hp1092@nyu.edu
WILFRED RICHARDSON	wr622@nyu.edu	Ziyi Ma	zm677@nyu.edu
Jiayun Sun	js8621@nyu.edu	Isaiah Chishala Mwamba	icm240@nyu.edu
		Lan La Leung	lll339@nyu.edu

Gyugeun Yoon	gy572@nyu.edu	Joel Ntwali Rukazambuga	jnr314@nyu.edu
Rhea Bhansali	rsb500@nyu.edu	Shuwen Ling	sl6115@nyu.edu
Jonathan Lin	jl8918@nyu.edu	Sudesh Singh	sas944@nyu.edu
Kyle Smith	ks4424@nyu.edu	David Bravo	db3454@nyu.edu
Tejas Tanay	tt1838@nyu.edu	Weerapan Rujikiatkumjorn	wr612@nyu.edu
Kenji Uchimoto	ku373@nyu.edu	Derek Layne	dl2524@nyu.edu
Yujia Zhang	yz4953@nyu.edu	Syed Mohammed Ataullah Jafri	smj444@nyu.edu
Prince Boafo	pab478@nyu.edu	Mohamed Elgohary	me1392@nyu.edu
Jacky Chen	jc8121@nyu.edu	Patricio Cox	pjc481@nyu.edu
Xiang Cui	xc1008@nyu.edu	Zoya Benyaminov	zsb214@nyu.edu
Nicolas Gomez Rojas	ngr248@nyu.edu	Maribel Guzman	meg694@nyu.edu
Daniel Lee	dl3415@nyu.edu	Rosa Hernandez	rih218@nyu.edu
vamsi Naramsetty	vn631@nyu.edu	Yueshuai He	yh1995@nyu.edu
Monserate Valdez	mmv333@nyu.edu	Neda Mizani	nm2790@nyu.edu
Huan Ying Zhang	hyz207@nyu.edu	Hemant Saride	hs3057@nyu.edu
Ashrafali Attaraut	aaa1088@nyu.edu	Dhvanilkumar Shah	dds393@nyu.edu
Rachel Baek	rb3989@nyu.edu	Vishal Nair	vjn216@nyu.edu
Matteo Mastrogiovanni	mm9587@nyu.edu	William Searfus	whs253@nyu.edu
Ali Salem	as8733@nyu.edu	Kathryn Human	kmh642@nyu.edu
Zixuan Liu	zl2339@nyu.edu	Nicolle Intriago	nai237@nyu.edu
Caroline Shlyakhova	cs4794@nyu.edu	Salma Pasha	sap485@nyu.edu
Nour Acogny	nka254@nyu.edu	Eden Takhlov	elt302@nyu.edu
Sumit Agrawal	sa5088@nyu.edu	Zhihan Tian	zt480@nyu.edu
Ziyan An	za683@nyu.edu	Roman Haberli	rmh444@nyu.edu
Abhinav Bhattacharyya	ab8230@nyu.edu	Sidney Elie-Pierre	sep394@nyu.edu
Yu-Ching Chao	ycc518@nyu.edu	Jarin Khan	jtk317@nyu.edu
Ran Chen	rc3996@nyu.edu	Navindra Sawh	ns2982@nyu.edu
Yuanrui Chen	yc3346@nyu.edu	Bilal Masood	bm1988@nyu.edu
YueWei Fu	yf1236@nyu.edu	Kimilya Spaulding	kas830@nyu.edu
Lilly Gottlieb	ljg391@nyu.edu	Zhixiao Zhao	zz1440@nyu.edu
Baichuan Hou	bh1760@nyu.edu	Elizabeth Andrew	esa323@nyu.edu
Zhenghao Hu	zh16@nyu.edu	Praveen Ashok Kumar	pak348@nyu.edu
Zhenlan Hu	zh1253@nyu.edu	Diego Correa	dec370@nyu.edu
Daniel Hunte	djh459@nyu.edu	Sederick Dawkins	sd2385@nyu.edu
Reuben Juster	rmj332@nyu.edu	Yunfei Gao	yg1419@nyu.edu
Girish Hemant Khadke	ghk267@nyu.edu	Xiaoxu Li	xl1842@nyu.edu
Marcus Lukas Kiisa	mlk512@nyu.edu	Siva Sooryaa Muruga Thambiran	smt500@nyu.edu
Anu Lahiri	al4566@nyu.edu	Angelica Naumowicz	an1860@nyu.edu
Rachel Miao Chen	rms818@nyu.edu	Dhruv Patel	djp448@nyu.edu
Bryan Moy	bm2489@nyu.edu	Omar Salem	oms259@nyu.edu
Rashmi Nadauinmath	rjn275@nyu.edu	Yahui Sun	ys2813@nyu.edu
Daniel Nye	dfn216@nyu.edu	Manel Rivera Bennassar	mrb624@nyu.edu
Devashish Pareek	dp2909@nyu.edu	Judy Lee	jl5367@nyu.edu
Anthony Paul	arp609@nyu.edu	Victoria Ranaudo	vr761@nyu.edu
Luis Pizarro	lbp311@nyu.edu	Angkita Podder	ap3453@nyu.edu
Srushti Rath	sr4729@nyu.edu	Nnamdi Nwaokorie	npn225@nyu.edu
Cesar Rodriguez	crg404@nyu.edu	Jack Bringardner	jack.bringardner@nyu.edu

Gonzales		Karl Gharbi	kg1454@nyu.edu
Shambhavi Sengupta	ss11976@nyu.edu	Pedro Kroeff Baggio Silva	pkb254@nyu.edu
Matthew Shen	mds820@nyu.edu	Jennifer Zhao	jz1182@nyu.edu
Diwei Sheng	ds5725@nyu.edu	Michael Hwang	mth221@stern.nyu.edu
Hammad Siddiqui	hs3471@nyu.edu	Valentina D'Costa	vdc220@nyu.edu
Austin Stenstedt	aas1103@nyu.edu	Raymond Tam	rt1193@nyu.edu
Yuxuan Tang	yt1286@nyu.edu	Geline Canayon	gc1338@nyu.edu
James Treloar	jt3689@nyu.edu	Mohammed Haque	mh3281@nyu.edu
Duc Truong	dmt446@nyu.edu	Suraj Kumar	sk4634@nyu.edu
Logan Wagner	ljw332@nyu.edu	Hiu Ming Yeung	hmy221@nyu.edu
Anthony Wang	aw3645@nyu.edu		