

Northeastern SASE and the College of Engineering  
present the 2016 Northeast Regional Conference

Collaborate, Create, Inspire:

# WE ARE THE SOLUTION

Northeastern University | February 13th  
E-mail us at [northeastern.sase@gmail.com](mailto:northeastern.sase@gmail.com)



Northeastern University  
College of Engineering

Supported by the  
**Student Activity Fee**

Program designed by Maggie Zhang

# TABLE OF CONTENTS

2	Welcome Letter
4	Schedule of Events
6	Keynote Speakers

7	Workshops: Collaborate
8	Workshops: Create
9	Workshops: Inspire
10	Other Events

11	Hosts + Sponsors
13	Resources
14	Special Thanks

## Dear SASE Conference Attendees,

Welcome to the 2016 SASE Northeast Regional Conference! Thank you all for coming to Boston and spending your Saturday with us. So much time and effort was dedicated to making sure this conference is worth your while but nothing compares to the fact that over 400 of you came from all over the Northeast, whether by bus, by plane or even by the ever-so-reliable T, just to join us today. It's truly an honor to have you here on our campus, taking part in what we expect to be a great event.

There is so much that we want you to gain from attending this conference but the main focus of today is learning how to tackle any kind of challenge through collaboration, creation, or inspiration, hence our theme, "Collaborate, Create, Inspire: We Are the Solution." Our goal is to encourage everyone here to rise up to the occasion, regardless of major, background, or skill. Whether you're a leader or a follower, a scientist or an engineer, or anything in between, you are capable of being part of any solution.

The "Collaborate" portion of the conference will remind everyone of the importance of working in a multidisciplinary team. Being able to play off of each team member's strengths and weaknesses is essential to succeeding in a collaborative effort. Workshops and panels, such as the completely revamped 6E Leadership workshop, will demonstrate valuable skills needed to excel in a team-oriented environment. During the "Create" breakout session, you can participate in workshops and panels that will help foster your creative thinking skills. From a startup advice panel to a 3D printing workshop, we hope that you'll be more inclined to think outside of the box when facing difficult situations. Last but not least, workshops and panels during our "Inspire"

session will cover topics such as assertive communications and incorporating your passions into day-to-day life.

Our morning and keynote speakers will speak to the theme and amaze you with the incredible range of experiences the two of them encompass in engineering, research, software development and marketing. There will also be plenty of opportunities to network throughout the day with our sponsoring companies during workshops, resume reviews and the Company Fair, as well as with your own peers at all of the events and the Networking Activities period. Even with the jam-packed day we have planned for you, we hope you find time to drop by the charity table for Cradles to Crayons to decorate tags that will be given to children with donated clothing!

We sincerely hope that the knowledge you gain from today's conference you will carry forward into your future. Whether in school, within your own SASE chapter, in your future career or in any aspect of your life, we want you to remember that nothing is possible without the collaboration of dedicated people with creative minds. So start making new connections now and opening your mind to new possibilities at this year's SASE Northeast Regional Conference!

**Sincerely,**  
**Northeastern University SASE**

## Time

## Event

8:00AM	2:00PM	Registration
8:00AM	8:40AM	Breakfast
8:50AM	9:10AM	Opening Remarks
9:10AM	9:40AM	Opening Keynote
9:50AM	10:50AM	Breakout #1: Collaborate
11:00AM	12:00PM	Breakout #2: Create

12:10PM	1:00PM	Lunch
1:05PM	2:05PM	Breakout #3: Inspire
2:15PM	2:35PM	Announcements/Performances
2:35PM	2:45PM	Introductions
2:45PM	3:30PM	Keynote
3:30PM	4:00PM	Closing Remarks

4:00PM	6:00PM	Company Fair
4:00PM	6:00PM	Golden Sponsor Suites
4:00PM	6:00PM	Networking Activities
4:00PM	5:00PM	Marketing Workshop

## Ongoing Events

9:50AM	2:15PM	Cradles to Crayons Charity
10:00AM	2:00PM	Resume Reviews

## Location

Curry Indoor Quad  
Curry Indoor Quad  
Blackman Auditorium (EL)  
Blackman Auditorium (EL)  
Classrooms  
Classrooms

Curry Indoor Quad + Mezzanine  
Classrooms  
Blackman Auditorium (EL)  
Blackman Auditorium (EL)  
Blackman Auditorium (EL)  
Blackman Auditorium (EL)

Curry Indoor Pit  
Curry 433 and 435 \*  
Curry Mezzanine  
Curry 333

Curry Indoor Quad  
Curry 433 and 435

**\*Jacobs will be in Curry 433; Boston  
Scientific will be in Curry 435**

## David Chang



David is an entrepreneur and angel investor with product, marketing and software development experience at Internet and mobile startups. He is currently an EiR at Harvard Business School, Funding Champion at MassChallenge, and works closely with founders and investors in the Boston area. He was recently COO of the PayPal Media Network, led the PayPal Boston office, and the co-founder of the Start Tank innovation space. David holds a BS with Distinction in Computer Science from Cornell University and an MBA from Harvard Business School.

## Andrew Gouldstone



Andrew Gouldstone is currently an Associate Professor at Northeastern University's Department of Mechanical and Industrial Engineering with research interests in biomechanics. Among his research interests are the nature of incipient plasticity in engineering and biological systems, and initiation of fatigue in complex systems and design. Professor Gouldstone received both his B.S. and Ph.D. from the Department of Materials Science and Engineering (DMSE) at MIT, in 1996 and 2001, respectively.



## Breakout 1 - Collaborate

### **The Road Not Taken: The Many Destinations of the STEM Degree**

*Facilitators: NAAAP, SASE Pro; Moderator: George Luo;  
Location: Snell 108*

75% of US News' 100 Best Jobs of 2016 are in STEM-related fields. With such a vast array of options, how can one possibly choose? Come talk with our selection of early-to-mid career professionals from a variety of different STEM fields. We hope that you will find answers to your career questions, and take away questions to ask as you find your own path "less traveled by."

### **Success in Corporate R&D**

*Facilitator: Boston Scientific; Location: Robinson 107*

This workshop will focus on finding success in corporate R&D. Learn more about developing your expertise, finding your niche, and adding value. Also learn more about the development of new products, and working with the realities of cost, performance, and schedule limitations. We will also touch upon the product development pipeline!

### **6E's: Redefine your leadership**

*Facilitators: Irene Ng, Virak Ngauv; Location: McLeod Suites (CSC)*

You have probably heard of or taken leadership assessments. What makes ours different is that we use continuous reflection and direct feedback from others to track your personal growth. With the SASE 6E leadership model (Empower, Energize, Envision, Engage, Execute, Elastic), you can redefine and recognize the way you see leadership, as well as identify your strengths.

### **The "Everything Else": At the Intersection of Social Justice and Technology**

*Facilitator: ECAASU; Location: Ell 312*

Innovations in STEM have introduced unprecedented changes in our world and our communities. While we celebrate such breakthroughs, we also need to understand the potential repercussions that our work can have on our world. In this session, we will discuss the "everything else": instances where politics, economics, finance, ethics, disparities, equity, and public policy intersect with STEM.

## Breakout 2 - Create

### **Auditing Algorithms: Towards Transparency in the Age of Big Data**

*Facilitator: Christo Wilson; Location: Dodge 050*

While making our lives much simpler, opaque algorithms can lead to harmful outcomes. In this workshop, we will discuss our work towards “auditing algorithms”, where we use carefully controlled experiments to understand the data and algorithms used by companies such as Google and Uber to increase transparency, and inform discussions about how data is being collected and used.

### **3D Printing Workshop**

*Facilitator: Jiaqing Qiu; Location: Snell 368*

The popularity of 3D Printing is exploding. It is breaking down barriers in design and manufacturing, and unlock the potential in every person to create, innovate and fabricate. In this workshop we'll give a basic understanding of the process of 3D modeling and printing.

### **Early-Stage Advice for New Startup Founders**

*Facilitator: MassChallenge; Location: McLeod Suites (CSC)*

Join MassChallenge and several alumni founders to discuss common challenges to new founders. This is a great opportunity to ask questions of entrepreneurs who have been through ups and downs of starting a startup. How do you build a team? Should you apply to an accelerator? How do you gain momentum before launching a product? Find out more in this interactive panel.

### **Product Development**

*Facilitator: Fikst Product Development; Location: Snell 108*

Take a detailed look into the product development process, and what each stage of the project requires from its team. Here, we will walk through Fikst's product design process, with specific examples of their work. Emphasis will be placed on creating prototypes early and often to learn quickly and iterate on design concepts.

### **High School Workshop**

*Facilitator: Boston University SASE; Location: Curry 333*

## Breakout 3 - Inspire

### **Finding Your Identity as an Asian-American Professional**

*Facilitators: Various Individuals; Location: Dodge 050*

Having lived under the mask of “Model Minority” in school, what is it like to finally end up as a professional after years of Model Minority stereotypes? What challenges do we face as Asian-Americans in the workplace? Come to this workshop to learn more about how your Asian American identity affects you as a professional.

### **Assertive Communications**

*Facilitator: GE Aviation; Location: Ell 312*

The workshop will focus on four types of communication: Aggressive, passive-aggressive, submissive, assertive. Pros and cons will be explored for each of these types. The workshop will focus on the importance of assertive communications and how it helps build personal and professional relationships, while allowing tasks to be completed with a “win-win” in mind. The workshop ends with an interactive activity.

### **Where Do My Passions Intersect?**

*Facilitator: Kate Ziemer; Location: Robinson 109*

As a professional, your career should not seem like a “chore”, but should be something fulfilling and important to you. Come to this workshop to learn how you can take joy in your work through interweaving your passions in your day-to-day work life.

### **The Greatest Gift in Life**

*Facilitator: Matt Diaz; Location: Snell 108*

Do you feel that there are things holding you back from what you want to achieve? Do you believe that you are capable and ready to move on to the next level in life? Do you have big hairy audacious goals? No matter where you are at, this workshop is designed to help you realize that everything you need is already inside of you. Learn how to clarify what you want, and take steps to go after it.

## SASE Marketing Workshop

*Facilitator: Omer Bakshi; Location: Curry 333*

This workshop, led by SASE National, is aimed to teach SASE Chapters how establish their brand, and will cover the important do's and don'ts of encouraging general body involvement, partnering with outside student organizations, and utilizing social media effectively."

## Cradles to Crayons Charity Event

*Location: Curry Indoor Quad*

Cradles to Crayons is a Boston and Philadelphia based organization that provides homeless and low-income children with essentials needed to thrive. Conference attendees will be able to write customized special messages which will be attached to hats and gloves given to children in need. Your sweet messages will allow these young kids to feel a little bit of warmth in the harsh winters Boston is known to have!

## Resume Reviews

*Location: Curry 346, 433, 435, and 440*

Want to get your résumé all polished up nice and shiny? Who doesn't? Some of our corporate sponsors will be offering on-site résumé reviews. We will take those who RSVP'd first!

## Performances



Performances include traditional and modern dances by Northeastern University's Vietnamese Student Association; Korean-American Student Association; and Asian Student Union. These organizations serve to promote awareness for their respective cultures on campus.

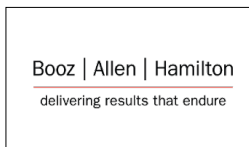
## Co-Host

**Northeastern University**  
College of Engineering

## Sponsoring Chapters



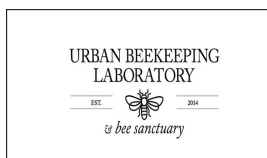
## National Gold Sponsors



## Gold Corporate Sponsors



## Silver Corporate Sponsors



## Bronze Corporate Sponsors



## Northeastern University Map



### Food + Drink

Conor Larkins (21+)  
 Our House (21+)  
 Dumpling Palace (open until 3)  
 Peach Farm (open until 3)  
 Symphony Sushi  
 Double Chin  
 Tasty Burger  
 Five Guys

Teado (open until 2)  
 Chatime  
 KungFu Tea

### Entertainment

Whiskey Saigon (21+) \*  
 Royale (21+)  
 Newbury St  
 Faneuil Hall  
 Kings Boston Bowling  
 Jin Karaoke in Allston

\*Mention that you're  
 part of SASE!

# SPECIAL THANKS TO:

Northeastern University College of Engineering  
National SASE

Khanh Vu, Matt Diaz, Jennifer Colson and  
executive board

Dean Richard Harris

Anne-Carina Kelly

Kai-Tak Wan

Andrade Fearon

Center for Student Involvement, CSI Crew  
Event Management

John Stump, Mark Alyward and Staff

Finance Board – SGA, SAF

The SASE Northeast Regional Team

Deonne Francisco, Amy Zhao, Shirley  
Tang, and rest

Our Co-Sponsoring Chapters

Our Sponsoring Companies

Northeastern University Asian American Center

NUSASE Executive Board

Rebecca's Catering and Dunkin Donuts

Northeastern University Police Department

Keynote Speakers and Workshop Facilitators

Volunteers, Performers and Staff

All conference attendees and everyone who has  
helped us along the way.