

## **ESC INTROSPECTION**

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On November 1, a Joint Student Council (JSC) resolution was passed that called for the conversion of all restrooms on campus to gender neutral. This followed months of discussions and a series of policy changes, enacted over the course of the past year or so, that have changed several bathrooms in both the Foundation Building and the NAB to gender neutral in an honest effort to make the campus and the community more inclusive, more welcoming, more aware of the diversity present at Cooper Union.

Many students from the engineering school felt that they were not consulted before the voting process or included in the conversations about expanding the number of gender-neutral facilities beyond the few that were previously established.

On November 16, the Engineering Student Council (ESC) held an open meeting to discuss its governance. ESC serves to be accessible to engineering students as an open avenue of communication between students, faculty, and administrators, as well as a context in which students can raise concerns and share their perspectives. Its shortcomings in the handling of this issue were alarming to many members of ESC and to students, so the forum was a way for ESC to gain insight on how it could have been more effective at reaching the student body.

*"Many students* from the engineering school felt they were not consulted before the voting process"

Both supporters and nonsupporters of the JSC resolution joined ESC members to share thoughts about how the processes of both ESC and JSC failed to adequately engage many students in the community. Dean of Students Chris Chamberlin was also present to answer any questions.

At the meeting, representatives and Administrative Chairs began by answering questions that students had about the inner-workings of ESC and the JSC. Students took particular interest in this portion of the discussion because it offered them insight as to how voting works and how the resolution was passed. Students asked how each of the three schools are represented in JSC. Administrative Chairs stated that there are approximately the same amount of representatives from the art and architecture schools, while there are a few more representatives from the engineering school.

Some students brought up how there are more engineers in the NAB than artists on average, so engineering students should have more of a say in changes regarding the NAB; conversely, art and architecture students should have more of a say in changes in the Foundation Building. This initiated a short discussion about the validity of the vote.

Students voiced concern that their representatives were not adequately representing them. While students thought that their representatives do not adequately engage them in general, representatives felt that students do not communicate their opinions effectively to them. Representatives were encouraged to approach more students in person and actively collect opinions, while students were encouraged to attend ESC meetings and reach out to representatives as concerns arise. At one point, Ad-Chairs and other experienced members of ESC reminded everyone that being a representative is more than just a title, and that it bears real responsibility. It is important to note that any representative that does not attend two council meetings, or fails to represent their section, can be voted out of their position.

> *"Reps felt that* students do not communicate their opinions effectively to them"

Students also pleaded that representatives express the thoughts and concerns of their sections and avoid allowing their personal opinions impact how they advocate for their section.

There was also mention of how to potentially improve JSC meetings. Suggestions included making the agenda of the meetings available to all representatives in advance so that they can better inform the student body of what will be discussed and what might be voted on. Others suggested that it might be wise to motion for a vote on a resolution at one meeting and actually vote on it during the following meeting.

According to the ESC website, the JSC constitution has not been revised since 1998. ESC Ad-Chairs stressed that while it is possible to make changes to the JSC constitution, any such changes should maintain the balance in representation between the three schools. For example, not voting at the same meeting at which a resolution is drafted was a change that many engineering students and representatives welcomed.

These are just highlights of what was a very productive ESC meeting. You are encouraged to attend future ESC meetings and always relay your concerns, to any degree of specificity that you wish, to your representative.◊

WANTED: FINANCIAL MONITOR

DANIEL GALPERIN (ChE '18)

On September 2, 2015 the lawsuit between the Board of Trustees (BoT) and the Committee to Save Cooper Union (CSCU) was settled with the issuance of a Consent Decree. Among its many demands and resolutions, the Consent Decree calls for the appointment of an independent Financial Monitor. According to the Consent Decree, the Attorney General was to select the Financial Monitor by December 1, 2015, however to this day Justice Bannon has not signed the Consent Decree, which means no selection can happen.

There is a sentiment that past demands made towards the BoT have sometimes been agreed upon and not carried out fully or effectively. The appointment of a Monitor that can oversee compliance with the Consent Decree allows for the presence of an impartial arbiter that can urge action, justification or change where it is needed and demand it where necessary. Further, the Financial Monitor is given open access to all BoT meetings, including those of the Finance and **Business Affairs Committee** and Free Education Committee. The Free Education Committee is another mandate of the Consent Decree and is meant to work with the Financial Monitor in order to decide when financial conditions would allow for a return to a "full tuition scholarship model that maintains Cooper Union's strong reputation for academic quality." These committees, along with the Finance and Business Affairs are hopefully steps in the right direction for Cooper, however they only come into effect once the Consent Decree is

February 15, 2016". These reports would be made public on the Cooper website and would outline the financial conditions at Cooper as well as the extent of compliance of the BoT with the Consent Decree. More specifically, it would state whether or not the Financial Monitor believes that the board's actions were made in the best interests of Cooper. There would also be an analysis of the feasibility of the Free Education Committee's plan to return Cooper to a full-tuition scholarship model. Appointing a Financial Monitor on December 1st would have allowed for two and a half months to prepare for such a report. Delaying the process of selection of the Financial Monitor allows for even less time to prepare a first annual report, which would likely push back the entire timeline at a very critical junction for Cooper.



Robert Godkin (ChE '18)	
Matthew Grattan (ChE '19)	
Andy Jeong (EE '18)	
Asanté Mills (Art '19)	
Anthony Passalacqua (ME '18)	
Brandon Quinere (CE '19)	
Hossam Saleh (ChE '18)	
Brenda So (EE 18)	
Toby Stein (CE '18)	
Kavya Udupa (BSE '19)	
Arnold Wey (EE '18)	

model.

The independent Financial Monitor would have a duty to analyze and report the state of financial affairs at Cooper, and would also evaluate Cooper's compliance with the terms of the Consent Decree itself. The independence of the Financial Monitor is understood as the selection of an unbiased reporter who only answers to the mandates of the Consent Decree in analysis of Cooper's finances. This external oversight is a significant change in the governance at Cooper, as there is now a fiduciary responsibility from all parsigned. ties to provide a good-faith effort to return Cooper to a full-tuition scholarship

Moreover, the Financial Monitor is expected to "report annually, beginning on Most of the community is aligned in the belief that this is a period in Cooper history where it is simply not possible to delay critical evaluation of finances any further for fear of financial insolvency. Hopefully the Consent Decree is signed post-haste so that coordinated and deliberate efforts can be made to rescuing Cooper from financial turmoil. ◊

Artwork provided by the Saturday Program

### THE PIONEER

# REPORT SEXUAL HARASSMENT

### OUT OF RESPECT FOR FUTURE YOU

#### MARY DWYER (EE '19)

Twice in my life, I have been sexually harassed to the point of debilitation. Twice in my life, a boy sitting next to me in Calculus hid behind the screen of his cell phone and sexualized me until I could not do Calculus without questioning my worth. Twice in my life, I had to speak about respect. Respect for your fellow human, classmate, academic equal.

During my junior year of high school, a couple of boys added me to a group chat in which they vulgarly, demeaningly described a sexual encounter with one of my female classmates. I still don't know why they did it. I had all of my AP classes with them. I saw them almost every period of every day. I did not even know the girl who was the subject of their depiction all that well. For some reason though, they wanted to hurt me. They wanted me to read what they were writing to incite an emotional reaction from me and to undermine what I came to school to do everyday.

Sexual harassment is ubiquitous-a problem grander than the scope of my academic career-but my most upsetting interactions with harassment have dealt with boys in my higher education classes. When I go to school everyday, I expect a certain sense of professionalism: I am very conscientious about my behavior, work ethic, and academic success. When a classmate reduces me to anything less than what I contribute to the classroom, humiliation and self-doubt consume my everyday academic life. It's not something that I can simply shake off; it upsets my perception of my school and my peers.

The night of the incident, I was silenced. I felt embarrassed, shocked, unimportant. I could not believe that I could be eating dinner at home with my family, and I told our story to the 250 members of National Honor Society and reminded our school of what it means to have good character. If I had reported them, the boys would have been suspended from school for their behavior. Their futures at elite institutions would have been ruined. But they were just boys. We were growing up, and learning together what it means to be adults. Though they had the insensitivity to jeopardize my academic future, I refused to do the same to them.

Since coming to Cooper, I became the subject of a more severe case of sexual harassment. It is important to note that this harassment goes beyond joking amongst friends, insensitive comments that can be discussed until mutual respect is reached, or unweighted words that are followed by apologies. Sexual harassment is blatant disregard for the emotional, academic, and personal dimensions of a classmate through unwarranted sexualization, and the internal refusal to admit that said classmate deserves respect.

The stories I am sharing are incidents in which someone used specific sexual language to exert power over or to humiliate me. The boy who harassed me at Cooper disturbingly used the fact that he thought I was pretty as a "consolation" and only apologized to me "out of respect for [my boyfriend]." Through his supposed apology, my harasser exposed that I simply did not matter to him: me and all those like me were worthless. We should use these examples as a lens to examine harassment behavior that does not use sexualization, but uses bias over what one perceives as a weaker class.

Yet I spent weeks contemplating how to react to his harassment appropriately. Because he harassed me, I ended up allotting him I wanted to end the systemic abuse that had become commonplace in my education and work.

Once again, after the incident took place I reached out to my parents. My mom is a practicing engineer, who has undergone much of what I am going through. While advising and consoling me, she shared stories of harassment that she experiences at work. Through her stories I realized that if I did not do anything, harassment would follow me through my higher education and to my career.

This is why schools, corporations, and governments establish rules that address harassment—to educate the people whose environments did not teach and cultivate respect. We must hold harassers accountable for their actions so that they may learn, and we as a culture and community may grow together.

I reported my harassment case to Chris Chamberlin, Dean of Students. At first I shared my story hypothetically, still unsure if I wanted to legitimately report my harasser. After learning what the protocol was, I felt comfortable enough to share my harasser's name. It was the right thing to do-it was a step I took as an individual toward shifting the classroom at Cooper to one of comfort, respect, and equality. After naming my harasser, I had a meeting with Dean Chamberlin and Dean Mitchell Lipton, who is the Title IX Coordinator on campus. Throughout the entire process, they ensured I was heard-they ensured that the response would not be a punishment, but an opportunity to educate.

We are a new generation. We have a greater understanding of what is right and wrong. We have the voice to protect ourselves. Whether male or female, if you feel

### **EVEN IF IT'S FROM YOUR FRIENDS**

#### RUCHI PATEL (ChE '18)

Girls at Cooper (yes, I speak for all of them here) are all too familiar with the casual inappropriate sexual comment that goes unnoticed by everyone else, and when it is noticed, it ends in a patch-up hug and is never spoken about again.

This has happened to me before. I was once waiting to cross a street with a group of all boys, my friends, and one of them said to the others: "We could gangbang Ruchi right now if we wanted to."

No. I understand that this suggestion might be lighthearted and not considered true to his intentions, but his articulation reveals two things:

First, some boys think that they are in charge of situations in which girls are the minority. It is not okay, in any case, to "gangbang," and a boy thinking that he could allow it if he "wanted to," reveals a major flaw in his upbringing and his understanding of society.

The action of gang-rape is a cruel crime against girls (and their parents and brothers and sisters and friends and the rest of humanity). Gang-rape is theft and no one has the right to steal another's dignity in this way (or in any other way, as a matter of fact). Theft is never justified, and to think that it may be justified in regards to a minority is a dangerously severe delusion. It is the equivalent of thinking that stealing is okay if someone else isn't watching, or if whoever is watching is insignificant.

But even saying, not only doing, is a violation. "Gangrape" is a heavy word with harsh implications and a presence that cannot be ignored. Words like that are not to be thrown around casually—they hit hard. The implied possibility of gangrape is almost as atrocious as carrying through with it. chance that boys think this way or say these things. We should not shrug off sexual harassment as something that is inevitable, or that comes and goes in a lifetime. Sexual harassment comes from a lack of moral integrity and a lousy upbringing. And this is born in the individual, not a group. Every harasser is at fault because of his independent breach and lapse in judgment and humanity.

Second, some boys believe that they could articulate something hurtful, even if they didn't mean it, just because it has been said or done before by other boys. Saying hurtful things, knowing they will hurt, is never okay, no matter how lightheartedly they are said. When someone says 'Whoa, that's not okay. You can't say that," you can't say that! In any circumstance. To anyone, ever. You can't ignore the reaction or end it with a hug. You have to apologize and then never do it again.

"So much harm comes into this world when the wrong thing is said. But that's nothing compared to the pain from what goes unsaid." - Brad Meltzer, The Book of Lies

And when you apologize, you have to be sincere and self-aware. Apologizing out of a fear of consequences against you is not apologizing. It's compromise. But compromise can only get you out of one situation. So be self-aware. Understand why you have transgressed, and find the self-control to never do it again. If you cannot understand, then you are morally weak and deserve no mercy from the girls who are the subjects of your depravity.

impractical and naivetés. The best we can do report each incident with the trust that the message will reach one harasser at a time.

Girls: be it verbal or physical harassment, report it. Yes, there might be social consequences. We're taught that no one likes tattletales. But does reporting a personal offense qualify as snitching? You are protecting yourself, and it's called safeguarding. personal Speaking out for others is policing. Neither of those things are wrong. In fact, they are undoubtedly right. Those who ostracize you for reporting are just as ignorant as those who sexually harass, and they don't matter, because they have some learning to do themselves. If reporting your personal incident will protect your dignity and others' too, then it is not "snitching." It is a calculated move with no immediate rewards, but only the satisfaction of hoping that you've stopped one harasser in his tracks.

Report the sexual harassment whenever and wherever you see it. Not reporting is being passive, which is worse than being labeled a thin-skinned snitch. If enough cases are dealt with passiveness, then sexual harassment will never become the big fat deal that it needs to become. Reporting is not just "bitching about it." It's confronting the oppression that has plagued women through all of history. Don't let your case become the one that hinders this change instead of pushing for it.

If I could, I would ask all parents to raise their girls as if they were boys and raise their boys as if they were girls. But parenting is not under my control. And neither can I convince each harasser of his ignorance. Such ignorance is a result of his shitty morality, and this shitty morality comes from a shitty ethical education.



\*Sexual harassment can be reported to Dean Chris Chamberlin and Dean Mitchell Lipton.

#### THE PIONEER

### FACES OF COOPER: PROFESSOR MICHAEL KUMARESAN

BRANDON QUINERE (CE '19)



Photo by Sage Gu (CE '19)

# Where are you originally from?

My parents are from India, but I grew up all over the place because my dad used to work for the UN. I was actually born in Africa and I lived in a few African countries. I lived in Switzerland for a while, as well as Japan and London. I ended up in high school over here and have been in New York ever since.

## What did you do before coming to Cooper Union?

I went to high school in Westchester County, came here for undergrad, graduated in 2010, and just stayed in the city since then.

### What brought you to Cooper Union as an undergraduate?

Actually, Cooper was not on my radar at all when I was applying for colleges. My guidance counselor knew somebody here who was part of the administration, so he suggested that it would be a good fit for me based on my personality. I also wanted to stay close to home because my parents were in New York at the time. Plus, it's hard to beat living in New York City.

I think one of the main things that attracted me here was the fact it was a small school and I had the impression after visiting a few times that I would get a lot of attention here. The school was academically rigorous and had a very good reputation, and I'd be able to make relationships with professors, which was very important to me.

#### Did your experience here as a student affect your decision to come back as an instructor?

No, actually, coming back to teach here was definitely not in my mind at all, it was just a funny coincidence. But I mean, I definitely have fond memories of this place. I think I grew a lot as a person. Just being around very bright people brought a

healthy challenge. Though I attended what one would call a good, competitive high school, coming here was a different ball game. I think that really pushed me both academically, but also as a person — just learning to interact with other smart people made me much wiser and much more mature. That was very helpful.

#### At what point did you decide you wanted to focus on studying mathematics?

I always kind of liked math and I was very fortunate that I had really good math teachers. That really helped me develop because they were all really passionate about what they taught and that kind of rubbed off on me as well. I was pretty good at it, so I thought maybe I'd try to pursue this thing even further.

#### Do you think that the influence of a good teacher helps develop a student's interest in a subject?

Absolutely! I mean, I definitely had some natural talent, but I wouldn't say that I was exceptional. I was a pretty average student, but I really had good teachers and they really pushed me and made me better, so I think that's how I fell in love with the subject.

# How would you describe your current role at Cooper?

I consider myself a support person in the math department, so I teach some of the required courses here, like Differential Equations or Linear Algebra. I came here because Om Agrawal, Chair of the Mathematics Department, knew that I was doing my PhD in the city, so he asked me if I would come and fill in and I ended up staying ever since. I'm not a full professor or anything, but it's definitely a pleasure to be back here. It's very different to be on the other side.

# How has the experience been so far?

Mostly good. The great thing about this place is the students, right? You obviously have students who push your buttons a bit or don't work as hard as they could, but those students exist at all schools. Working with the kind of kids that come here — I wouldn't trade that for anything, it's wonderful. That's what makes Cooper, Cooper.

I used to teach at City College and Mercy College as an adjunct, but the atmosphere here is very different. I don't mean to badmouth them in any way, it's a lot more rigorous here in a good way. The students push the instructors, and the instructors push the students. I think there's a good relationship dynamic that exists here.

Teaching here is a big learning experience for me because the students are so strong that I feel like I'm learning more than they are sometimes. They ask such good questions and I really have to think about what I'm saying. As a mathematician, being able to really understand the details and explain it to somebody is a good skill to have. The teaching is not just a parttime job, it's almost like a part of the learning experience in addition to my PhD.

And of course, I have to say that the faculty, especially in the math department, is really top-notch here. They are wonderful mathematicians, and wonderful human beings as well. It's really nice to interact with them when I'm not inside the classroom. That's a big plus.

#### Outside of the classroom, what do you like to do for fun?

Ever since I was a kid, I've played a lot of piano and organ. I like classical piano and jazz piano. I spend quite a bit of time during the week practicing and I play at my church on Sundays too.

I am also a big soccer fan. When I was at Cooper, I played on the soccer team and I play for a team in Queens now, so that keeps me a little bit in shape.

I also like to read a variety of things, especially theology. It's something very different from math. In high school, I always enjoyed writing. It's funny, I never won any awards for math or anything like that, but I got a lot of academic awards for English, so I like reading and writing a lot. And of course, I enjoy spending time with family.

# Last question: do you have any advice for Cooper students?

Firstly, make sure to enjoy it because it goes by so quickly. There are so many times I look back and wish I could just do it again because I think undergrad is the best years of your life. Definitely build relationships and get to know people. Some of my best friends today are from Cooper and even though we're kind of spread out, we still talk every week.

I'd also say to push yourself, but don't go too crazy. While I was here, I wish I took fewer credits and just really focused on my major. Early on, I was taking so many classes. Even though I learned a lot, I think I was spreading myself too thin. By my senior year however, I concentrated a lot more on math.

All in all, I would say to just be yourself. I think this place imposes a kind of pressure that forces students to be someone that they're not. You always feel like you should compare yourself to somebody else or achieve certain levels of academic success, so it's important to not get sucked into that. Be content with your own abilities and do the best that you can. ◊

## SPELLING BEE? MORE LIKE SPELLING A+

MONICA ABDALLAH (ChE '17) | TOBY STEIN (CE '18)

On December 5, the Cooper Dramatic Society debuted its production of "The 25th Annual Putnam County Spelling Bee" and it was fucking great. Drops mic. Walks out. Yeah. They killed it.

Directed by Joseph Viola and co-directed by Daniel Galperin, the show's entertaining and impressive cast exceeded all expectations. Starring a whole host of Cooper students, friends and alumni, the cast was fueled by the Denis Shishkov and Cooper alumnus Alejandro Acosta played Logainne's overbearing fathers who got the audience roaring with their on stage 'daddy conference.' Dennis Burgner performed excellently in the challenging role of William Barfee, a quirky, cocky, and intense boy who suffers from a mucus membrane disorder. Also, the magic foot, amiright?

Other highlights included Deanna Kovalcin's remarkable rendition of "The I Love You Song." Matt Ferreira's charming solo about the unfortunate raging meat stick boner of Chip Tolentino, and Peter Wang's portrayals of Jesus Christ and Leaf Coneybear were also winners, judging by the laughter of the audience. Since two roles couldn't satisfy the talented Peter Wang, he also undertook the choreography of the musical with the help of Amanda Lombardo. testants with hugs and juice boxes. Gabriela Godlewski's portrayal of the uptight and dedicated Marcy Park probably resonated a lot with students in the audience. Her "Just Fuck It" attitude at the end of her performance is something many students may wish they had.

Included in the hilarity were appearances by audience members Justin Richter, Kenneth O'Neill and Calvin Liu. Proving the depth of all characters' improvisation skills, all actors were ready for any audience contribution, including but not limited to Kenneth's correct but irrelevant spelling of the word "Mexico."

energy of the audience on its way to a spectacular show.

The production was masterfully executed and a riot from beginning to end. The performances of the cast members won the hearts of the audience. Anthony Traina and Erica Umhoefer, both seasoned veterans of the stage, anchored the cast. Kelsey Mitchell, no stranger to the Cooper stage, played Logainne SchwartzandGrubennierre, an elementary school student with an adorable, endearing lisp that complemented her strong high notes.

Camilo Gaitan played Mitch Mahoney, an ex-convictturned-comfort counselor who consoles disqualified conIf you missed "Spelling Bee," then make amends by checking out the Cooper Dramatic Society's spring production. You won't be sorry. ◊



Photos by Winter Leng (ChE '18)

#### THE PIONEER

## FACES OF COOPER: PROFESSOR JEFF HAKNER

ANTHONY PASSALACQUA (ME '18)



Photo by Yifei Simon Shao (ME '19)

#### Where are you from?

New York, New York, born and raised.

# Can you tell us about your educational and professional background?

I went to Hunter High School, a lot of people went to Hunter High School. Professor Fontaine went to Hunter High School. Kevin Slavin, on the Board of Trustees, went to Hunter. In fact, he was actually my classmate-he sat next to me in seventh grade. And then I came to Cooper to study electrical engineering. I have a bachelors and masters degree. I've worked mostly here, though I did some work at the transit authority and some independent consulting, too.

## What is your role here at the Cooper Union?

My primary responsibilities are technical administration. All of us on [the 8th floor] are considered "administrators," but we all have some academic responsibilities as well. I can teach no more than one course per semester, since that's what the union contract says. I usually teach a computer engineering class, typically a higher level elective class. I'm doing operating systems right now, and I've done computer security, compilers, and bunch of other courses that don't exist anymore. I've been teaching, well, ever since I started working here, so that's over twenty years.

One of my first acts upon starting at Cooper Union was to get us on the internet. That seems laughable now, but in the 90's most colleges were not on the internet. We even had email, but it was done with dial-up modems. Our first full time internet connection was 9600 bits per second, which was faster than anything you could do with dial-up at the time. Then we gradually worked our way up to the multi-megabit speeds that we know today. I've handled every single one of those internet connections, from the first install to the most recent one. We're always upgrading our connectivity; I just bought a four hundred megabit per second link for the school, and turned it on this summer. It's all fiber, everything comes in fiber optics these days.

You said you've been teaching since 1993, so that makes 22 years. I would have guessed you were in your mid-thirties!

Yeah, 22 years of teaching. My first course was in the fall semester of 1993. But you'd be wrong on the age, I graduated high-school in 1987.

To students who aren't familiar with you, you're known as "the professor who really likes trains." Why trains? so many talented faculty members and students. Do you know what this is?

(At this point, Professor Hakner showed me an old surveying level and spent a good five minutes showing me how it worked.)

#### It's great that it still works. With only so many moving parts, how much can go wrong?

[laughs] Unless you drop it! It's well over a hundred years old. I'm president of the Shoreline Trolley Machine, where I've done a lot of work restoring old cars and fixing old electric motors. I build buildings, I lay track, and it's all what I call my extracurricular activities.

#### How do you like your job here at the Cooper Union?

I love my job. My job is great, and my boss is great, and I think all of the people who work for Bob Hopkins would tell you the same thing.

#### Do you have any advice for students? What would you tell the Hakner of 1987-1991?

Well time travel is not possible, but I would say find one thing that you specialize in, and really learn it top to bottom, inside and out, drill all the way down. But at the same time don't al-

## DEAR EVERYONE, IT'S TIME TO RESET YOUR MORAL COMPASS

BRANDON QUINERE (CE '19)

The opinions in this article are the author's alone and do not reflect the opinion of The Pioneer as a whole.

With the recent protests at American universities such as Yale and Mizzou regarding racial justice and freedom of speech, I find myself astonished by the response of the general public to these events. For the most part, it is generally understood that racism and discrimination are objectively bad things. We live in a society where most children are taught to see their peers as equals, regardless of differences in skin color and so, we applaud them for their "colorblindness."

Yet, there lies the issue: people choose to erase the experiences that are attached to a particular skin color, for it is that way that they can allow themselves to see everyone equally. But "colorblindness" is not the moral way to fully eradicate discriminatory behavior. It's time to get uncomfortable; let's have an honest discussion about race and political correctness.

What those against the actions of student protesters at Yale and Mizzou fail to understand about the situation is that protecting safe spaces is more than just an act of political correctness run amok. There is a great stigma attached to PC culture that suggests colleges are becoming less and less representative of the world beyond campus gates. And so, as a result, college students are reduced to coddled individuals, oblivious to the realities of the outside world.

The public may find it easy to point fingers and laugh at young POC wanting to shield themselves from words and ideas that may make them uncomfortable. At what point, however, does the mere notion of "being uncomfortable" become rooted in something much bigger? The truth is, it doesn't take much for a casual offensive remark or action to take the form of something largely oppressive.

Take the situation at Yale, for example. If students ask that certain cultures shouldn't be appropriated in Halloween costumes and an administrator questions the need to do that, the college is essentially allowing prejudicial exploitation on campus. While miniscule on the surface, that minor attack is rooted in years and years of struggle for marginalized groups, especially black individuals. And colleges allow it to happen.

It is not humane to simply brush off racial disturbances, regardless of whether they are small or big in magnitude. It is that sense of apathy in universities toward students of color that allows racial tensions to escalate into extremely unsafe circumstances. Student protesters are speaking out for a good reason: their administrations are not maintaining the safe learning environments they were promised upon entering the school.

It is these same establishments that might have accepted students of color for the sake of creating a more diverse campus, but they are not just faces to have on the covers of brochures. Students of color are individuals with different struggles and experiences that have voices to speak out about them; stop erasing these voices.

This year, the phrase "institutional racism" was used by a candidate in a presidential debate. It is clear that there is no better time than now to acknowledge there is a larger issue at hand here. It will just take a lot of effort for campuses to recognize that political correctness can be a step in the right direction to combat this problem.

A large number of the general public that are against PC culture fear that their right to free speech is not being upheld, and they never forget to cite that our very country was founded on those rights. Why are people so quick to defend their freedom of speech, but not the consequences that come with it? The Constitution does not protect you from social ramifications, so it's useless to defend derogatory actions just because you have the right to. "It's just a joke, bro" is a weak argument, anyway.

Just like black lives, the student voice matters. As part of an angry population of students against discrimination of all types, I am not speaking out against a person's right to say something offensive, but more so on why people feel the need, in 2015, to say such offensive things in the first place.  $\diamond$ 

### ALUMNI TRUSTEE ELECTION RESULTS PRANAV JONEJA (ME '18)





Primarily, my responsibility is to be the plumber for bits and bytes. I do the less visible part of IT services, infrastructure. The the cable plant that ties all of our buildings together, the core network switches and routers, and some of the back end servers. I don't have anything to do with web pages, with datatel, or any of those forward facing things, just infrastructure. I'm basically responsible for how everybody's packets get in and out of the internet here.

Yep, that's a considerable part of my extracurricular activities. I was mainly attracted to trains because of the electrical engineering aspects of them, how the power, and the signals, and the electric motor all fit together. Now I'm so involved with a number of rail preservation organizations that it's just become entrenched. I wind up covering all of the bases, except maybe chemical engineering. I do electrical work, civil work, mechanical work ... well maybe with the paint of the batteries that's chemical engineering, I guess. I learned a heck of a lot about civil engineering, though not here. But being here is great because no matter your question or discipline, there are

low that to cause you to lose your focus on the broader picture. So try to take in a little of everything, even stuff that's not in your discipline. It'll all be useful one day. Things that I thought were totally useless when I went to school and paid no attention to, like mechanical drafting, turned out to be very important later on when working in industry. You never know exactly what industry you're going to wind up working in. It's important to have a broad range of interests, but at the same time it's important to not be so broad that you don't know anything at all. If there's something that turns you on, really drill down into it, master it. ♦



Election winners Adrian Jovanovic (BSE '89), left, and Scott Lerman (Art '81), right. Photos provided by CUAA.

On December 1, the Cooper Union Alumni Association (CUAA) announced the results of the Special Election for two seats on the Board of Trustees (BoT). By the votes, Adrian Jovanovic (BSE '89) and Scott Lerman (Art '81) will become new Alumni Trustees. With the most votes, Jovanovic will be seated on the Board following the BoT's quarterly meeting in December. After that, Lerman will formally become a Trustee in June 2016.

Jovanovic's prior experience includes two years as President of the Committee to Save Cooper Union (CSCU) and as such, he was the lead petitioner in the lawsuit levied against the BoT. After intervention by the Attorney General, the lawsuit was settled on September 2 with the release of the Consent Decree. Jovanovic also brings his experience as a co-founder of a software company and professional experience in the software industry. Lerman was also closely linked to CSCU. Though he was not a petitioner in the lawsuit, Lerman played a role in CSCU's communications efforts with the school, the news media and the wider public. Moreover, during the Special Election, Lerman was endorsed by CSCU. Lerman's other prior experience includes founding his own branding consultancy as well as experience as a faculty member at the School of Visual Arts.

Together, it is clear Jovanovic and Lerman have an "intimate understanding of the current situation"—a fact that will only help their contributions to the many critical decisions the BoT needs to make in the coming months.

The Special Election is also noteworthy for being a record-breaking election, with a final tally of 1,685 votes cast. ◊

### **CROSSWORD PUZZLE**

TOBY STEIN (CE '18)

Okay, we heard you! This crossword should be much easier than the last one. Maybe even too easy! Feedback? Let us know at *pioneer@cooper.edu*. Answers can be found online at http://pioneer.cooper.edu



 A fit
 Besigner, \_\_\_\_\_ Jacobs
 Childish type of war
 Cat noise
 Concerning
 Island near India
 Circuit element, residual current
 Death due to drugs
 Loved
 Use profanity
 Note of debt
 Consumed
 Animated JPEG
 Alone 30: Card game
31: Exists
32: Boxing Legend
33: Boast
35: Pie fillings
39: British bathroom
40: Sappy \_\_ coms
41: Pasture noise
42: Subway is late? Blame them
43: British Capital
45: Wagon
46: Fishing pole
47: Exclamation of pain
48: Road sticky stuff
49: Brooklyn team 50: Drug paraphernalia
53: 1/3 of Cooper Union
54: Time in the sun
55: I would [abbrv.]
56: Seinfeld, "Soup..."
58: Picture
61: Prefix, to nullify
62: Sick
63: Worn around the wrist
66: R2-D2
68: Pig noise
69: Verb suffix
70: Text opinion [abbrv.]
71: Purposes
72: 8 Bit Nintendo machine

Down 1: Post war injury [abbrv.] 2: European currency 3: Stir quickly, action 4: Garden tool 5: Convent resident 6: Annoy 7: Copying exactly 8: Red planet 9: First learning tools 10: 46 across 11: Our School 15: Hammer or saw 17: Reply to 'shall we?' 22: Sci-fi transport 24: agar.\_ 26: US territory 27: Look 28: Elegant dance 29: Gobi, Paratha, Tikki, recipes 31: Spoiled kid 33: Anthony Davis only has one 34: Hermione's Husband 35: Vehicle 36: Epinephrine 37: Useless point 38: Venereal diseases 41: Homer's son 44: Man's companion 45: Artic moose 48: Looney Tunes' devil 49: First and last 50: eBay action 51: Over, Shakespearean Abbrv. 52: Fighting Irish, or Bismark's State 54: Markers on a clock 56: National League of Poker 57: Palo city 59: Chromosome Carrier 60: Executive transportation groups 62: Watson's maker 67: Yiddish exclamation

### AUTOMATIC MAYHEM

#### ASANTÉ MILLS (Art '19)

The heat has dissipated at the 29 3rd Ave dorms. Several cycles ago, I and several other Cooper students fumed over suspiciously wet results. After following this tepid trail, I've come to the decision to air some dirty laundry. Every other week I go down to the fourth floor to wash my clothes, only to have my efforts wasted on this sad sorry heap of soggy clothing. It's Dawned on me that the dryers in the old dorms must be on their way out. We should just call them diers at this point, because they just don't seem to work. On the hottest setting they leave the clothes damp enough to grow a mold culture on, and I'm not talking about the Menschel carpet.

I've been putting in my money into these machines, only to get a heap of mildly damp sheets and a single sock. It's been dry-ving me crazy. It really must be my luck. Yet I foolishly swipe my card, again, to drip in the same miserable results. It's enough frustration to make me cry, but my clothes have enough water to spare, so I'll just save mine for another day. I really don't want to be the one to complain, but look at where I am now. We have been going through this for a while. Luckily Cooper is moving into an Era of change, where clothes will be dry and tuition will be free. ◊



Photo by Asanté Mills (Art '19)

ART SHOW REVIEWS

ASANTÉ MILLS (Art '19)

"Sam's Club"

#### "Enroot"

DeVonn Francis (A'15) and Angus-Buchanan Smith (A'16) unveil their collaborative independent business practice, Enroot, in the colonnade. Enroot is their collective desire to strengthen ties between communities and agriculture. In the colonnade, a familiar atmosphere envelops the space. Stretching for much of the length of the colonnade, wooden tables bring warmth, and give presence to the otherwise vacant space. Moments of laughter and conversation fill the alley. As visitors converse over food and drink, looped videos are displayed, marking the two's journey in creating Enroot. Among their videos is a list of a staggering number of backers and supporters—more than two hundred mentions. Yet this gesture shows the importance of community and making—the crucial backing of their endeavor. Sam Kaufman opens his senior show Sam's Club on the 2nd floor landing of the Foundation Building on Tuesday, November 17. Kaufman uses a myriad of building materials including drywall, sheet metal, wood, and glass along with warped paintings and lenticular images within his installation. There is a level of comfort in the resemblance to home, and we have been given an opportunity to find ourselves within the work. The configuration of materials redefines and changes our perception of space, as distinctions between interior and exterior are blended. Kaufman contorts our orientation within the space, as he re-configures passages and creates openings with windows and shutters between columns. Movement through the space becomes more eventful as you move past, forcing thirteen "Oversized and Unidentified"

Katherine Magradey holds her show in the 6th floor lobby of the Foundation Building, filling the vacuous space with three towering membranes of wax paper. She has transformed the mundane material with heat and scale. As we move through the channels between these sheets, the room becomes almost cavernous, yet it is contrasted by the delicacy of the material. The colossal ten-foot high and thirty-foot long creations tower above us. Magradey's use of lighting accentuates the semi-opacity and undulations of these pieces. Arranged on the left, Magradey's smaller prints echo and play with texture and materiality of unconventional media. Her prints contain many color variations with repeated overlapping cloth texture. Magradey's prints create spaciousness within two-dimensional media. ◊

images of bathers to appear and disappear from view.



### EPISODETMENTY SEVEN JAKE POTTER (ME '16)

