

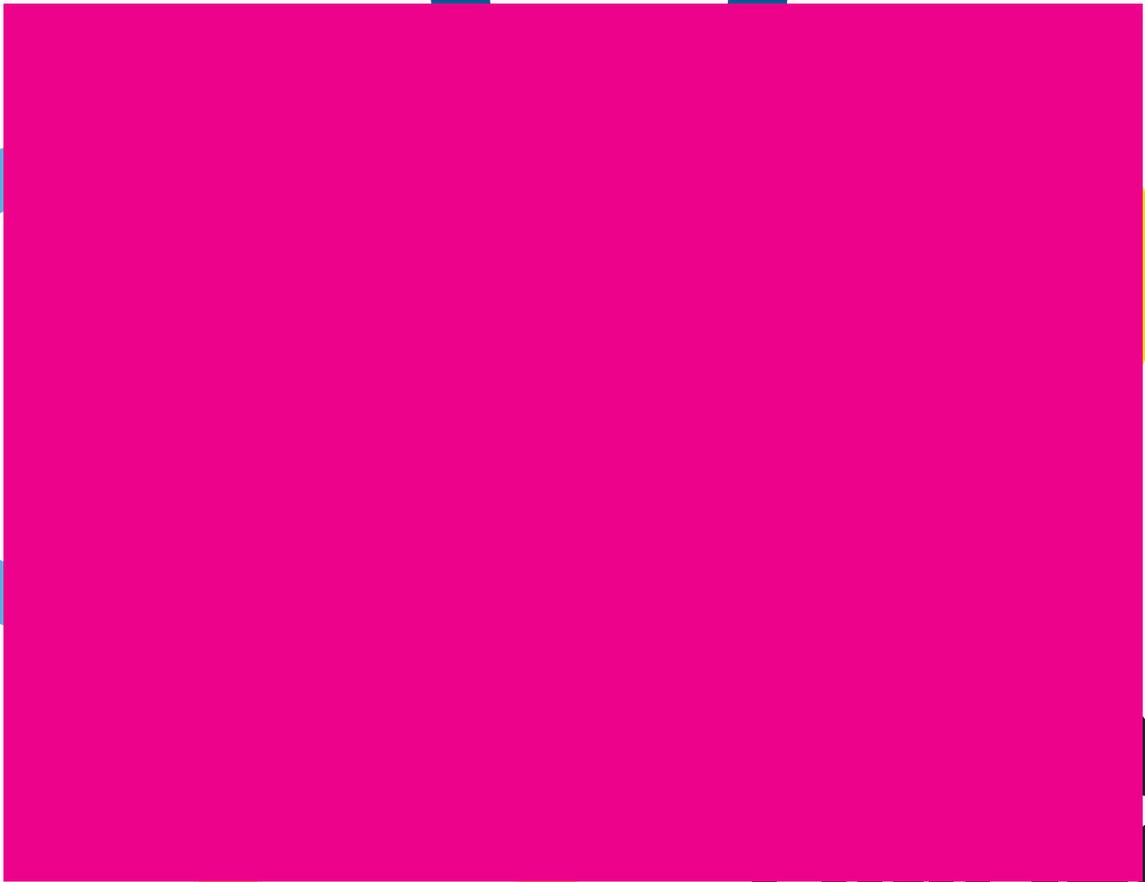
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SAXBYS

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SPORTS

Drexel

MAGAZINE



OUR

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UNDER
40

PG 20



The Ledger

CONTEST

NANO ART

This image — “Magnetostatic Spawn” by Aleks Labuda from Santa Barbara, California — depicts ferromagnetic particles suspended in a fluid and manipulated by two rare-earth disc magnets. It placed 3rd in NanoArtography, an international scientific image competition that celebrates the surprising beauty of nanoscale materials. The contest was organized by Babak Anasori, a research assistant professor in the A.J. Drexel Nanomaterials Institute and the Department of Materials Science and Engineering.

100,000

Approximate number of times you'd have to slice a human hair to reach one nanometer of thickness.

1 \$500

Prize purse for the People's Choice award, given to the image that gets the most likes on Facebook. This year's People's Choice post reached 175,346 people in 18 days.

2 3

3,646

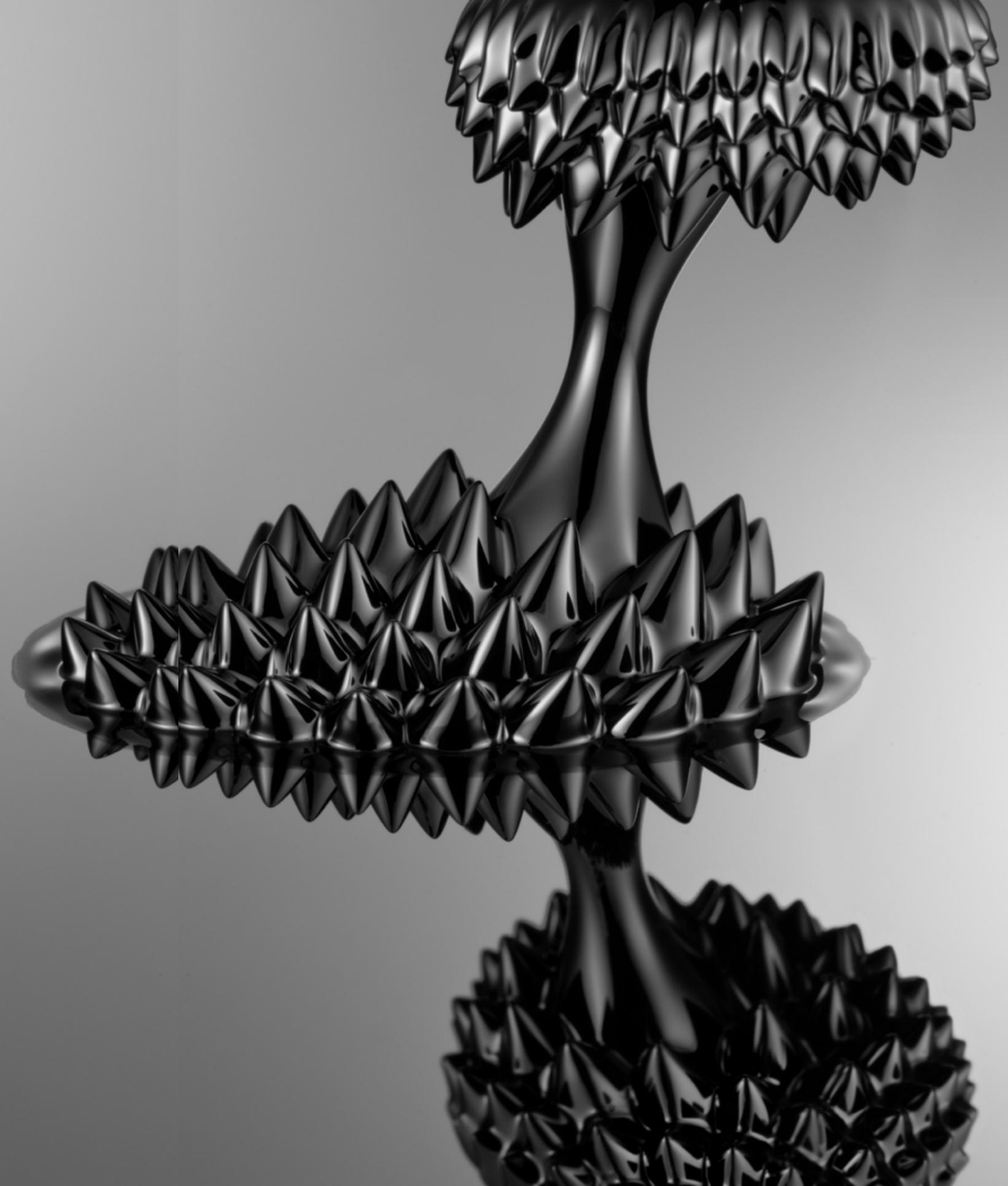
Number of followers of @NanoArtography on Facebook.

Number of submissions to the NanoArtography contest this year.

In its first year, the contest received 100 submissions from around the world.

\$700

Top prize amount. Second place prize is \$300 and third place is \$100.





FEATURES

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We take our hats off to young alumni who are building a healthier, smarter, more humane and creative future.

FOR TY UNDER 40



44

A Shot of Saxbys Management

Stop by the Saxbys cafés on Drexel's campus and you'll see coffee shops run top to bottom by college students — the product of an experiential learning partnership pioneered at Drexel with Saxbys.



THE VIEW FROM MAIN

On a crisp autumn day in November, students, faculty and professional staff joined me, along with dedicated Drexel volunteers, donors and leaders in the Great Court of the Main Building, to launch the public phase of the University's most ambitious fundraising campaign ever.

This \$750 million effort brings such an exciting opportunity to catalyze a new era of impact at Drexel, and the campaign theme — *The Future Is a Place We Make* — reflects perfectly Drexel's history as a vibrant proving ground for talent.

As this "40 under 40" issue of *Drexel Magazine* makes clear, Drexel alumni continue to create breakthrough ideas and new technologies that address emerging societal needs in ways that fundamentally shape what tomorrow looks like. Through our unique model of experiential education, which is founded on co-op but also includes outstanding research and entrepreneurial opportunities, we teach students how to turn ideas into action and go on to become trailblazers for their generation. And as we forge partnerships with neighbors and civic and industry leaders to build a stronger Philadelphia, we also create models for success everywhere.

Our new campaign will focus on securing resources for our students and faculty, including endowed scholarships and professorships; stipends for unpaid co-ops in the nonprofit, arts and cultural sectors; interdisciplinary teaching and research; academic advising and state-of-the-art learning environments; and academically driven civic engagement opportunities. I'm sure when you look back on your own university experience you realize how assets like these can play a vital role in academic, personal and professional growth.

In my annual President's Report, I noted that Drexel is driving to reach the next level of excellence, and that 2017 was the year in which the results of our strategic moves came into sharp focus. For us, the future we're focused on making is a tangible thing — a place that is humane, that is just, that is healthy, and that is creative. I hope you will join me in supporting and helping to create the many, many Drexel future makers.

Sincerely,

John A. Fry
John A. Fry // President

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EDITOR'S LETTER

Sometimes We Get in a Bite

"A well-rounded, underdog."

That's how Moody's described Philadelphia recently in a *Money* magazine article about Amazon's city tryouts for a second headquarters.

Always the underdog, never the alpha, it seems. "Rocky" forever.

Except, but. A few days before this issue went to press, at 10:20 p.m., every neighborhood in the city exploded in the sounds of shouting, honking and fireworks, and moments later streets filled with people wearing green jerseys and huge smiles. Some wore rubber dog masks to commemorate the night the Eagles won their first Super Bowl championship. Because, underdogs.

And hope also burns that we may have a shot at the Amazon "HQ2" title, despite getting sketchy odds from most observers. The city survived the first elimination round in January, when Amazon whittled its picks down from 238 cities to 20. Moody's, bless their hearts, named Philadelphia one of their top three picks, after Atlanta and Austin. They even put Philadelphia in 1st place when factoring in its advantages of "geography."

Another asset: talent. Philadelphia is "pretty much at the center of gravity of the best schools in the North East," according to a Tuck School of Business professor cited in the article. We'll take that.

Up for grabs is a prize purse of \$5 billion in investment, up to 50,000 new well-paying jobs and the ever-lasting love of Adrian Pennino.

No need to spell out the benefits to alumni, since the vast majority stay in the region after graduation. One of the building sites the city proposed to Amazon is Schuylkill Yards, a 14-acre master-planned innovation community of offices, labs, retail and residences being developed by Brandywine Realty Trust on land owned by Drexel next to the 30th Street Station. It would be a dream match for Drexel.

Back in January, weeks before the game against the Patriots, President John Fry remarked that "landing Amazon is the Super Bowl of business." All we have to do now is score again.

Sonja Sherwood

Sonja Sherwood / Editor



ABOUT THE COVER
Design created by Heads of State and adapted by Pentagram

SOCIAL

1,000 90 26



On Veteran's Day on campus there were 907 flags on display in honor of the 907 current Drexel students who have served our country.

477



A few hundred people flocked to Perelman Plaza for a solar eclipse viewing party on Aug. 21.

JAN. 10 @RealJabariJones:
Had a great time in Seattle last night @amazon HQ Reception and was able to thank the Witiak's, @DrexelUniv endowed scholarship donors for the College of Computing and Informatics #ForeverDragons #InsitesCampaign #Drexel

JAN. 4 @HeartCare4Kids:
Check out this story on @phillydotcom that features Jose and 3 other @ChildrensPhila patients who participated in a @DrexelUniv class called "Story Medicine" that allowed them to bring their ideas to the big screen. bit.ly/2CEtoao

DEC. 17 @oTrillMaine:
Stars Wars was 🌟🌟🌟!!! I'll be signing up for the Jedi club at @DrexelUniv 🙌

OCT. 16 @MADDragonMusic:
Students had an awesome time hanging out with @wyclef on Friday! Thanks so much for coming out and jamming with us! @sonymusicPHL

Drexel

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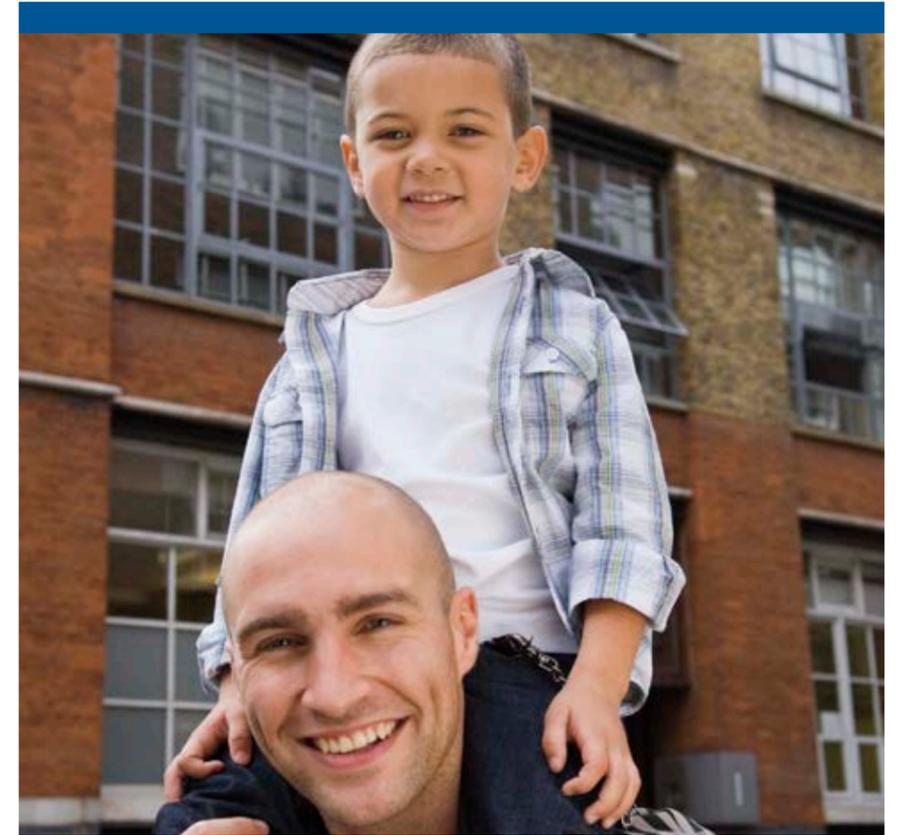
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Cultural Capital

A new \$3 million gift will endow paid student co-ops at museums and other arts and culture nonprofits. By Ben Seal

For students interested in careers in the arts and culture sector, a chance to explore historic documents and artifacts — like, say, the original charter that founded the United States' first national bank signed by Thomas Jefferson (held inside the collections of the Library Company of Philadelphia, pictured at right) — is a rare opportunity to see history up close.

Unfortunately, paid co-ops in the nonprofit field have traditionally been uncommon at Drexel.

That's why Rosalind Remer is excited about the future. As Drexel vice provost and executive director of the Lenfest Center for Cultural Partnerships, and a research associate professor in Drexel's History Department, she recruits students to help Philadelphia arts and culture nonprofits make their cultural assets more accessible to the public.

A new \$3 million gift from the Lenfest Foundation will fund co-ops with organizations that work with the Lenfest Center, like the Philadelphia Museum of Art and the Pennsylvania Academy of the Fine Arts (PAFA). Currently, Remer is collaborating

with the Steinbright Career Development Center to place 11 paid co-ops earning \$15,000 each at eight organizations in the Philadelphia region. The special endowment means new opportunities for both her students and for the Center's partners.

The endowment will enable the Philadelphia Museum of Art, for example, to hire co-op students to work on editorial projects, web development and a capital building project. The LeBow College of Business will now be able to send a co-op to PAFA as a marketing associate. A film industry student within Westphal will work as a film editor at History Making Productions, a Philadelphia-based film production company.

"Working for these organizations gives students truly unique, behind-the-scenes exposure to major institutions, allowing them to understand what they offer as well as the challenges associated with sustaining them into the future," Remer says. "It's my hope that our students, no matter what field or discipline they enter, will view these co-op experiences as a way to connect to the Philadelphia cultural community."

At a time when most nonprofits face tight budgets, the co-op endowment enables them to hire top young college talent, and gives Dragons a great opportunity to get noticed.

"The students who compete for the co-ops sponsored by the Lenfest Center for Cultural Partnerships have an extraordinary chance to make a significant — and even outsized — impact," Remer says. "They'll be learning from the best in the field, and they'll have terrific networking opportunities."

What makes Lenfest Center co-ops "life-changing," as many students report? We asked some Dragons to share their experiences on the following two pages. *(Continued on page 8)*



Seth Kurtz and Jennifer Cutler (with Ros Remer, center)
Researching Alexander Hamilton's Bank in Benjamin Franklin's Library

The Lenfest Center's partnership with Independence National Historical Park began with a special topics class, taught by Ros Remer, on Hamilton's efforts to create a national bank for the young United States. After the class ended, several interns continued to conduct research over the summer — among them, history majors Seth Kurtz and Jennifer Cutler.

Drawing from original founding documents stored in the collections of the Library Company of Philadelphia (the library

founded by Ben Franklin and his friends in 1731, now a rare books research library), Kurtz produced overviews of two exhibit themes, one on economic instability and one on the debate between Thomas Jefferson and Hamilton over the bank's founding. "I gained a new appreciation for the resourcefulness and dedication of our founding fathers," Kurtz recalls, "and how their qualities are reflected in our current society."

Cutler focused on the architecture of the building and how it would have been understood by

passersby on bustling 3rd Street in 1797. "This project has given me the opportunity to learn how to best access history and utilize it in a way that is educational and useful," Cutler says.

Building on the students' work, Remer and Lenfest Center scholars Page Talbott and Melissa Clemmer are developing an exhibit that will be displayed on the site of the First Bank at Independence National Historical Park, in anticipation of the building eventually re-opening to the public.



"The people you meet and the connections you make...it's just been monumental for me. The Lenfest Center itself and everyone who works there, they're so respected in their fields and have so many connections. We're lucky that it's here." — Lisa Getz

CO-OP (CONTINUED)

Lisa Getz
National Constitution Center
With Lisa Getz's help, the National Constitution Center in Philadelphia plans to present an exhibit in 2020 celebrating the centennial of the 19th Amendment, which granted women's suffrage. Getz, a master's student in museum leadership in the Westphal College of Media Arts & Design, worked with the Lenfest Center and the Constitution Center last summer to create a 10-page interpretative plan that will serve as the museum's exhibition blueprint. The report covers everything from the strengths and challenges of the proposed exhibit location to the current and desired visitors. The hands-on experience has been "better than anything else you could do in a classroom," she says.

Paris Gramann
Greater Philadelphia Cultural Alliance
Paris Gramann, social entrepreneurship and product design student in the Pennoni Honor College's Custom Design Major Program, calls her experience on a Lenfest Center-sponsored co-op last spring a growth experience. As a social media and communications fellow with the Greater Philadelphia Cultural Alliance, she handled advertising, wrote grant applications and assisted with brand marketing. Though she was only a student, she says the team asked for her opinion on big decisions and gave her important tasks, all while offering advice at every turn. "Their openness and drive to teach and create learning experiences made my co-op educational in hard and soft skills, career planning, and in my overall life journey," Gramann says.

RANKINGS

Climbing the Ranks

There has never been a better time to be a Dragon, with Drexel's reputation gaining in major national rankings. For the first time ever, Drexel was recognized as one of the "Top 25 Undergraduate Schools for Entrepreneurship" by *The Princeton Review* and *Entrepreneur* magazine.

The ranking was based on a 60-question survey that, according to the *Review*, "asked schools to report on levels of their commitment to entrepreneurship studies inside and outside the classroom." The group tabulated data on the percentage of faculty, students and alumni involved in entrepreneurial endeavors, on the scope of mentorship programs, scholarships and grants for entrepreneurial studies, and on each school's support for business-plan development.

Just five years ago, Drexel established the Charles D. Close School of Entrepreneurship, the nation's only freestanding, degree-granting school of entrepreneurship. Together with its state-of-the-art incubator — the Laurence A. Baiada Institute for Entrepreneurship — and the entrepreneurship co-op, it offers undergraduates from any discipline an unparalleled opportunity to launch their own business ideas.

Drexel also moved up nine spots in the second year of *The Wall Street Journal* and *Times Higher Education College Rankings for 2018*, placing 84th out of 1,054 U.S. colleges and universities. The relatively new ranking evaluates schools based on student outcomes, especially after graduation, rather than inputs like SAT scores and university acceptance rates. The ranking also placed Drexel in the top 400 international institutions, 6th in a list of students' top schools for career preparation and 38th in a list of U.S. private research universities.

In addition, the University moved up two places in the 2018 *U.S. News & World Report's* annual "Best Colleges" rankings, advancing to 94th on this year's list. The result marked a full decade in which Drexel has placed inside the top 100 on the list, and it came alongside impressive rankings for "Most International Students" (27th) and "Most Innovative Schools" (25th).

"As we begin another new academic year, we can be confident that our shared goals for Drexel are showing dividends in so many ways," says President John Fry.

The rankings show he couldn't be more right.

COMMUNITY

Preschool for Little Dragons

In a second-floor room filled with excited young children, parents and teachers, President John Fry joined community leaders and educators this fall in a ribbon-cutting ceremony for the new Chesterbrook Academy preschool at 3201 Race St.

"This is Welcome Week at the University, and we're seeing many new faces around campus, including over 5,000 undergraduate, graduate and transfer students," Fry said. "Here today we're also noting the start of an academic year for a group of new arrivals. They may be smaller in stature but they are just as important to our University as all of our other students."

For years, Fry said, Drexel employees clamored for a high-quality preschool where staff and faculty could send their students, and the new academy accomplishes that goal. At full capacity, it will be home to 180 children from 6 weeks old to kindergarten, in a location convenient for families who live and work at or near Drexel. It will also offer summer camps for school-age children, keeping pace with the University's year-round class schedule.



For more about Drexel's research enterprise, see EXEL Magazine at exelmagazine.org.

Research

NURSING AND BIOMED

POSITIVE INKING

Instead of relaxing with a glass of wine at the end of a long day, try grabbing some markers and start doodling. The brain's reward pathways become active during art-making activities, according to a new Drexel study that used fNIRS (functional near-infrared spectroscopy) technology to measure blood flow in the brain while study participants complete art-related projects. "This shows that there might be inherent pleasure in doing art activities independent of the end results," says Girija Kaimal, assistant professor in the College of Nursing and Health Professions, who co-authored the study with Associate Professor Jennifer Nasser and Associate Research Professor Hasan Ayaz in the School of Biomedical Engineering, Science and Health Systems.



ENGINEERING



Supercharged
Imagine fully charging your cellphone in just a few seconds. Researchers in the College of Engineering took a big step toward making that a reality when they unveiled a new battery electrode design. The team, led by Yury Gogotsi,

Distinguished University and Bach professor in the Department of Materials Science and Engineering, created the new designs from a highly conductive, two-dimensional material invented at Drexel called MXene. The design could make energy storage devices like batteries just as fast as the speedy supercapacitors that are used to provide energy in a pinch.

ECONOMICS

You Couldn't Pay Me to Exercise...

Many Americans lose momentum shortly after joining a gym or making ambitious fitness goals, and a new study co-authored by a Drexel professor found that even paying them as an incentive to work out more had little impact on individuals' exercise habits. "People greatly overestimate the amount

they will exercise," says Mark Stehr, an associate professor in the School of Economics at the LeBow College of Business.

PUBLIC HEALTH



Cigarette Sticker Shock
Older smokers are usually set in their ways, but a dollar increase in cigarette prices makes them

20 percent more likely to quit, a Drexel study found. The study, led by Stephanie Mayne, a former doctoral student in the Dornsife School of Public Health at Drexel, used 10 years of neighborhood-level price data to determine how it affected nearby smokers, focusing on those who skewed older. The finding suggests that cigarette taxes may be a "particularly effective lever" for behavior

change, she says.

PUBLIC HEALTH



Don't Drink the Water

Cloudy drinking water, even if it's within the limits allowed by some cities, is linked to increased cases of gastrointestinal illness, according to a Drexel analysis. In reviewing past studies from cities across North America

and Europe, AnneClaire De Roos, associate professor in the Dornsife School of Public Health, found associations between acute gastrointestinal illness and water turbidity, a term meaning cloudiness or opacity.

PUBLIC HEALTH

The Path to Care

Once the Affordable Care Act was fully implemented in 2014, people who struggled with misusing opioids were

50 percent more likely to get treatment and twice as likely to have that treatment paid for by insurance than before, according to a Drexel study. "Those with opioid use disorder were less likely to be uninsured as well as less likely to report financial barriers as a reason they did not receive treatment," says Ryan McKenna, an assistant professor in the Dornsife School of Public Health.



"Our goal is to deliver a unique advantage to our students while at Drexel and throughout their lives." — *Nina Henderson '72*

ENDOWMENT

Provost Position Endowed

An endowment for Drexel Provost and Executive Vice President for Academic Affairs M. Brian Blake and all provosts who succeed him was recently established by trustee and alumna Mary R. "Nina" Henderson '72.

Henderson endowed the position to ensure that a Drexel education is distinguished from other universities, both now and in the future.

"The Nina Henderson Provost at Drexel University will have the tools to invest in timely initiatives that develop, enable and deliver ideas over time, and with a future view, to continue the gift that is a Drexel education," says Henderson.

Henderson, who is a graduate from what is now the Westphal College of Media Arts & Design, is currently a director of CNO Financial Group, Hikma Pharmaceuticals PLC and IWG PLC, among others, and previously served on the boards of Royal Dutch Shell, AXA Financial and Del Monte Foods, to name a few. Her board service follows her 30-year career at Best Foods, where she was a corporate vice president and president of Best Foods Grocery in North America. She has been a University trustee since May 1991 and was a trustee of the College of Medicine, now serving on its advisory board.

As an alumna, she is a member of the Drexel 100, known as the University's alumni hall of fame, and received the A.J. Drexel Paul Award for Service to Alma Mater in 2010.

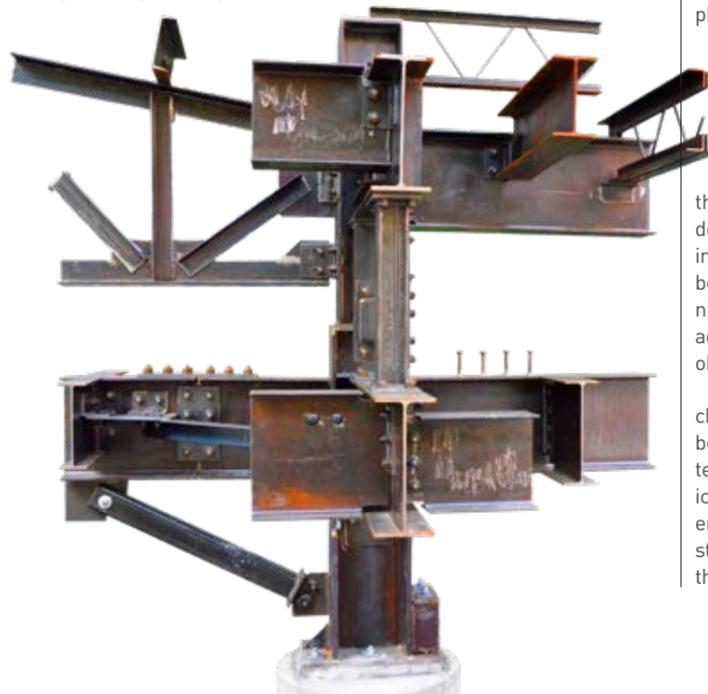
ENGINEERING

Object Lesson

Drexel's newest teaching aid wouldn't fit through the door of any classroom. The nearly 10-foot-tall steel teaching sculpture was installed in the fall outside the Bosson Research Enterprise Center, opposite the Center for Automated Technology, where it will be passed daily by Drexel's engineering students. Beyond its aesthetic appeal, the structure contains all of the most common connections and members found on any steel building or bridge.

The same structure exists on more than 170 college campuses around the world, though Drexel's will be the first in Philadelphia, according to the American Institute of Steel Construction, which encourages its use as a teaching aid.

"We can send students there and actually have homework assignments revolving around this steel sculpture, and it will also be a point of pride and reinforcement," says Abieyuwa Aghayere, a professor in the Department of Civil, Architectural and Environmental Engineering in the College of Engineering.



Drexel's teaching sculpture — donated by JGM, B. Pietrini & Sons and Jensen/BRV Engineers — contains all of the most common connections and members found on any steel building or bridge.

COMPUTER SCIENCE



Cybersecurity Institute Excels

Drexel is one of the nation's top institutions for cybersecurity education, according to the National Security Agency and the Department of Homeland Security. The agencies recertified the University as a Center of Academic Excellence in Cyber Defense Education for "contributing to the protection of the national information infrastructure." Drexel's remains the first cybersecurity program in Philadelphia to earn the distinction.

Steven Weber, director of Drexel's Isaac L. Auerbach Cybersecurity Institute, says the five-year certification is particularly noteworthy given the increased difficulty of satisfying the requirements. Programs undergo an in-depth assessment that includes demonstrating a match between hundreds of specific technical topics the government wants addressed and the various learning objectives in the curriculum.

"Cybersecurity is uniquely challenging as a technical discipline because it requires both a firm technical foundation in mathematics, computer science and electrical engineering, as well as an understanding of the constantly evolving threat landscape," Weber says.

AUTISM



\$11M Grant for Autism Research

The A.J. Drexel Autism Institute has received a prestigious grant for a study on the benefits of early autism detection.

Diana Robins received an \$11.4 million Autism Centers of Excellence (ACE) grant from the National Institutes of Health to fund her work seeking to link improved outcomes for children with autism as they enter school directly to early detection and treatment. Robins is a professor and the research program area leader of Early Detection and Intervention in the institute.

"Research indicates that children with autism respond best to intensive autism-specific treatment that involves one-on-one delivery from an expert, with specific goals targeting communication, social engagement and play," Robins says. "Research also shows that children who start autism-specific intervention at younger ages make better progress than children who start treatment when they are older."

Robins' goal for this project is to provide evidence to influence policy around early detection of autism.

"We hope that our work directly links early detection strategies that pediatricians can use during well-child check-ups to improved outcomes," Robins says. "If we can connect these directly, we hope to increase access to early detection and early intervention for all children with autism spectrum disorder."

This is the second time Drexel has been awarded an ACE grant; Craig Newschaffer, founding director of the Autism Institute, received funding a decade ago that was used to establish the EARLI (Early Autism Risk Longitudinal Investigation) network, a project that is still generating new information about environmental risk factors of autism today.

JEFF FUSCO



Join "Team Drexel" for the Eagles Autism Challenge and help advance autism research at the A.J. Drexel Autism Institute. Saturday, May 19

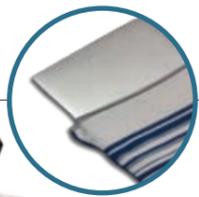


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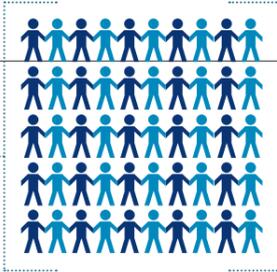
eaglesautismchallenge.org



CROSSWALK BRIEFS



Drexel and the School District of Philadelphia will train 50 new special education leaders for public schools by 2020.



A Drexel team designed and produced a knitted laptop sleeve using the same smart fabric technology used in the backpack.



TECH

Backpack to the Future

In the midst of moving in, meeting new roommates and exploring campus this year, Drexel freshmen found a new way to connect with one another as they began their college experience: socializing via backpack.

More than 3,000 individualized backpacks were distributed to Drexel's incoming freshmen during the fall as part of the University's move-in week festivities. In addition to the standard cargo, each bag contains a unique code woven into its fabric. The unassuming plaid design on the backpacks is actually a fabric-based coding system that links up with an app to relay a customized bit of information to anyone who scans it.

"Through this bag, you can link anything from social media to a favorite song," says Genevieve Dion, director of the Center for Functional Fabrics at Drexel.

Dion is helping to develop technology like the backpack as part of the center's partnership in the Advanced Functional Fabrics of America, a research institute driven by academic-corporate collaborations and supported by the U.S. Department of Defense with the goal of making the United States a leader in technologically advanced fabrics.

CHARITY

Run with the Eagles

Calling local alumni: Mark your calendars on May 19 and join the Philadelphia Eagles and the Drexel community for a 5K bike and run/walk event to raise money for autism research.

The inaugural Eagles Autism Challenge will combine a 5K run/walk with three different bike rides: a 15-miler, 30-miler and 50-miler. All of the routes will begin and end at Lincoln Financial Field, with Eagles players, coaches, alumni, executives, cheerleaders and Swoop on-hand to celebrate.

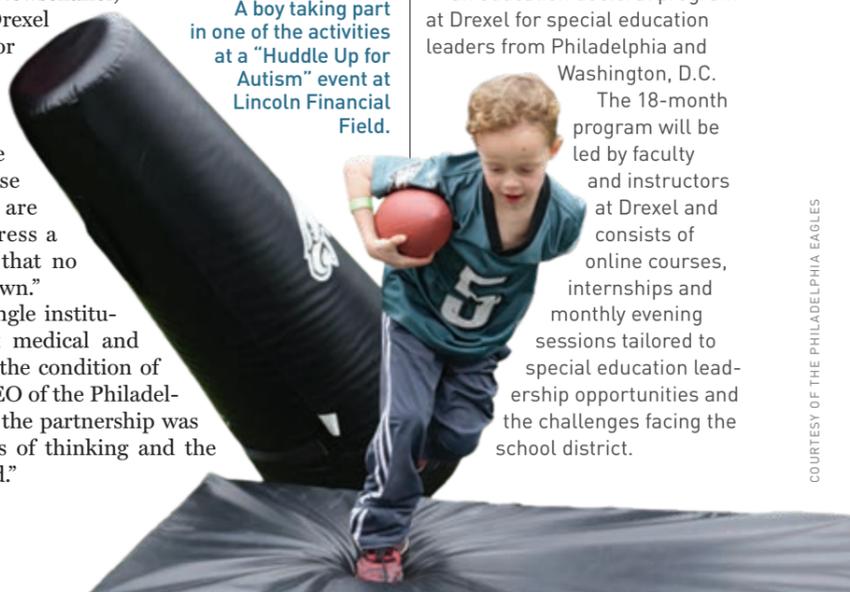
Those who sign up will pay a registration fee and there will be fundraising minimums for each route. Registration can be completed at EaglesAutismChallenge.org. All registrants will receive free food and beverages both on event day and at a Kickoff Party the night before. They'll also get a cycling jersey or 5K run/walk T-shirt and honorary medal, among other items.

Three organizations will receive proceeds from the fundraiser to be used toward autism research: The A.J. Drexel Autism Institute, the Children's Hospital of Philadelphia and Thomas Jefferson University and Jefferson Health.

"Philadelphia is home to a number of nationally recognized groups of autism researchers and, fortunately, the work we all do is quite complementary," says Craig Newschaffer, founding director of the A.J. Drexel Autism Institute and professor in Drexel's Dornsife School of Public Health. "The Eagles Autism Challenge has the potential to create infrastructure that can be shared across these teams or create projects that are either of a size, or that address a range of research questions, that no group could achieve on their own."

"It is very difficult for a single institution to address the complex medical and scientific issues presented by the condition of autism," says chairman and CEO of the Philadelphia Eagles Jeffrey Lurie. "So the partnership was organized to bring fresh ways of thinking and the necessary resources to the field."

A boy taking part in one of the activities at a "Huddle Up for Autism" event at Lincoln Financial Field.



EDUCATION

A Special Teaching Initiative

Drexel will help develop a new generation of special education teachers thanks to a new partnership between the School of Education and the School District of Philadelphia's Office of Specialized Services.

The teachers will provide leadership and support to students with disabilities, their families and teachers. The school district is in the process of recruiting and identifying aspiring teachers for the program, entitled Philadelphia Special Education Leaders of Tomorrow.

The project is a hybrid approach to professional development. It builds on the success of Drexel's current programs, including the Urban Special Education Leaders of Tomorrow program — an education doctoral program at Drexel for special education leaders from Philadelphia and Washington, D.C.

The 18-month program will be led by faculty and instructors at Drexel and consists of online courses, internships and monthly evening sessions tailored to special education leadership opportunities and the challenges facing the school district.

COURTESY OF THE PHILADELPHIA EAGLES



Jeffrey Stockbridge '05

PHOTOGRAPHY

"I'm fascinated by how people can exist in such a vulnerable state, teetering between life and death, sometimes for years at a time."

A new book by photographer Jeffrey Stockbridge tracks heroin's grasp on the city.

A lot of people are talking about the opioid epidemic these days, and the impact it has on ordinary lives.

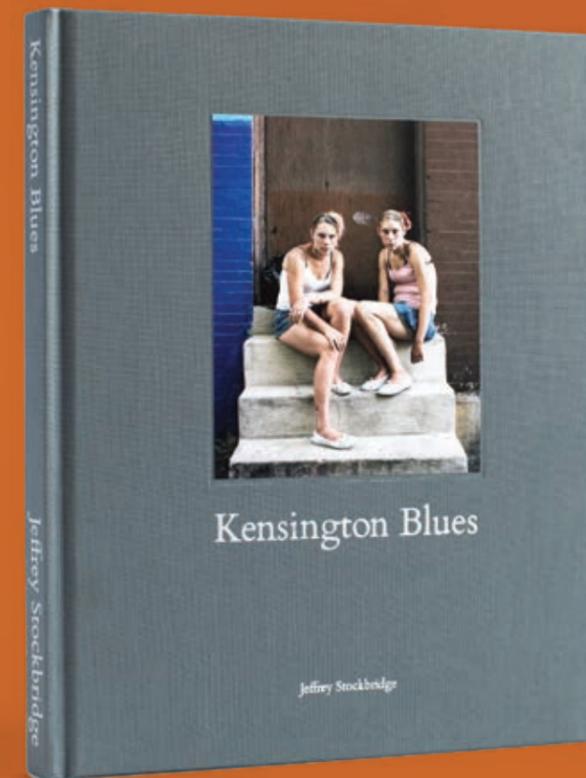
But not many are listening. Jeffrey Stockbridge, BS photography '05, has spent the past eight years doing just that. Using his 4x5 large-format camera, a journal and some audio recording equipment, he's been documenting daily life on Kensington Avenue in North Philadelphia — ground zero for the city's notorious drug trade.

The result is a powerful book and blog called "Kensington Blues." Stockbridge's commercial

photography business allowed him to finance the book, and he's donating 10 percent of its proceeds to Prevention Point Philadelphia, a harm-reduction center on Kensington Avenue.

The project is an unflinching and deeply compassionate look at the human beings drawn to the neighborhood's plentiful supply of cheap, high-quality heroin.

"I'm fascinated by how people can exist in such a vulnerable state, teetering between life and death, sometimes for years at a time," he says.



Stockbridge photographed twins Carroll and Shelly in 2009. Just 20 years old, the sisters had been living on the streets for a year and getting by through prostitution.

Stockbridge grew up in Woodbine, Maryland, where he watched a number of friends and classmates get lost in drugs. He counts himself lucky to have found his passion in life early, and to have won a scholarship that helped him earn a photography degree at Drexel.

"Kensington Blues" grew out of his senior thesis, "Homegoing," a four-year project inspired by his years on Drexel's urban campus, which took him into dozens of abandoned houses in and around West Philadelphia — which is where he met the addicts who inspired "Kensington Blues."

"At first I thought these people were in the way — honestly I was kind of scared of them," he recalls.

But then he started listening to their stories and a new project was born.

"They're telling me things that are just heartbreaking, so personal and intense," Stockbridge says. "A lot of them know they are tempting their own fate, that death is a very real possibility. I think that talking to me and recording their stories was a way for them to stand up and say 'Hey, I do exist, and this is my story. Because I might not exist forever.'"

Stockbridge is now working on "Kensington Blues, Your Story," a blog about stories of recovery.

"There are powerful stories out there," says Stockbridge. "I think it's important for people to hear that [recovery is] possible."

— Carla Robinson

Show and Tell

CO-OP

VINCENT O'LEARY SENIOR, BS ENVIRONMENTAL SCIENCE '18

Every year, more than 5,700 students discover their careers through the Drexel Co-op program — a signature model of education that balances classroom theory with job experience within a buzzing network of nearly 1,700 co-op employers in 51 countries. What does a Drexel co-op look like? In this regular feature, we ask a student fresh off their most recent co-op to show us. —Ben Seal

THE CO-OP

I did my co-op at a National Oceanic and Atmospheric Administration (NOAA) research lab in Boulder, Colorado, building an elevation map used to model and predict tsunamis and stormwater surges. The group that I worked on takes data from NOAA satellites, the United States Geological Survey and other groups, and combines underwater imagery with satellite land measurements to make coastal models of elevation. It's a really useful way to predict how far water will come inland during a tsunami. It's important to have that information along the coastlines because that's where people live and it's dangerous. But it's also hard to make these products because the way you gather data on the land is different than on the water, so you have two kinds of data that need to be stitched together to get a coastal model.

THE TAKEAWAY

This was the first time I worked outside of academia, within the government, and the first time I worked outside of Philadelphia. It was really interesting to be in a different state with a lot of people I didn't know, working with a group of a few thousand people, just being part of a team and seeing how everything fits together. NOAA's products are being directly used by the Federal Emergency Management Agency and first responders to predict things that matter on the ground, and it was really cool to see the directly applied aspects of the research — this affects people's lives and safety and how the government responds to tsunamis. I also saw NOAA's public outreach and learned the importance of making sure people understand why you're doing what you're doing, and what it does.



NOAA-issued notebook

laptop

JEFF FUSCO

THE OBJECTS

This NOAA-issued notebook allowed me to record all my steps as I took data from various sources, analyzed it for errors and merged it together to make the map. The bulk of my co-op was spent coding all of this detailed data on the computer, which takes some time because the data is so different. On land, elevation data is available nearly to the meter, but underwater the information exists only in kilometer-by-kilometer squares. The map I worked on is the only free, publicly available resource that blends both types of data into a single model.

CROSSWALK BRIEFS



Drexel hosted 25 Mandela Washington fellows from Sub-Saharan Africa this year.



"The complete knowledge of self has to be embedded in your brain. You have to know that you can do it." — Wyclef Jean

GLOBAL

Leading the Way



A group of young civic leaders from all over sub-Saharan Africa visited Drexel over the summer to develop the skills to lead changes in their home countries. The University was one of 39 institutions to host a cohort of Mandela Washington Fellows, who made it through a highly selective admissions process to be part of the program, which was sponsored by the LeBow College of Business' Institute for Strategic Leadership and the Office of International Programs.

The fellows spent six weeks attending workshops on decision making, social innovation, public policy and leadership, and met with leaders at Drexel and in the surrounding community, including President John Fry.

"Evidently the way we've been leading Africa until now hasn't been working, and we need to come up with other approaches that work," says Unopa Makanyanga, a Zimbabwean. "It's an opportunity to take what we learn and create hybrid solutions to solve our problems."

MUSIC

In the Studio with Wyclef

Grammy-winning hip-hop legend Wyclef Jean visited Drexel's new music studio inside One Drexel Plaza during the fall to talk with music industry students in the Westphal College of Media Arts & Design about his career and their futures.

Wyclef told the standing-room-only crowd that trusting their own judgment is the key to making something special.

"The complete knowledge of self has to be embedded in your brain," he said. "You have to know that you can do it."

Then Wyclef picked up a guitar to kick off an impromptu jam session, giving a few lucky Dragons the chance to sing and rap with the former Fugee.

"Getting up and performing in front of all those people, speaking from the heart, especially with someone I really admire, I can't imagine too much better than that," sophomore Chris Hechler recalls.

Wyclef had plenty of advice to share, but more than anything he reminded the students to follow their own interests and not be dissuaded by anyone pushing back against their vision.

"Y'all are the pulse," Wyclef said. "Always move with your gut naturally."



WHAT'S YOUR STORY?

What does it take to be named one of Drexel's 40 Under 40?

Past honorees include authors, filmmakers, fashion designers, and founders of companies and nonprofits. They are leaders, inventors, scientists and athletes. We're incredibly proud of their stories, because they show how far a person can go with a great mind and a solid education.

We're looking for our next group of accomplished young alumni. If that's you, or someone you know, we want to hear from you.

ELIGIBILITY

- Must be 39 years or younger as of March 1, 2019.
- Must have received a degree from Drexel.
- Should have achieved demonstrated success in business, the private or nonprofit sector, the arts, community involvement or advocacy.
- Must submit nominee's high-resolution photograph and résumé.

Nominations can be submitted at drexelmagazine.org/40U40 or sent to the following mailing address by **Aug. 31, 2018**.

DREXEL MAGAZINE

40 Under 40 Nominations
3141 CHESTNUT STREET
MAIN BUILDING · SUITE 309
PHILADELPHIA, PA 19104

A Full Basket

On and off the court, Meghan Creighton lends a helping hand. By Mike Unger

Meghan Creighton '16, '17 dished out 557 assists — the second-most in Drexel women's basketball history — during her decorated career as a student-athlete. But her most important assist wasn't even among them.

In 2016, she established Assisting Others, an initiative that raised more than \$22,000 for two Philadelphia-area charities, Evanfest and Ryan's Case for Smiles. She assumed that when she played her final game for the Dragons in March 2017, the fundraising campaign would come to a close.

Assumption incorrect.

"On the court I want to make my teammates the best basketball players they can be," she says. "But it's off the court where I believe leading by example is huge. After the season was over I had teammates come up to me and tell me that they were going to make sure the campaign continues. I think that was one of the moments in my life when I sat back and realized, wow, people really do watch."

Those who have observed Creighton have seen the true personification of a student-athlete. Her numbers speak for themselves: she ended her career ranked third on Drexel's all-time list with 264 three-pointers, and became just the fourth player in Colonial Athletic Association history to record 1,000 career points, 500 career assists and 400 career rebounds. It is her selfless work in the community, however, that earned her the prestigious 2017 I Am A Dragon Award.

"Your phenomenal commitment to excellence in athletics, exceptional work ethic and competitive drive embody all that it means to be a Drexel Dragon and serve as a true inspiration to so many," President John Fry wrote in a letter to her.

Creighton draws her own inspiration from the memory of a young man named Evan Brady. He was friends with one of her three older brothers when he was stricken with bone cancer. In 2005, he passed away at the age of 19. Creighton was 12.

"He made you feel like you were the most important person in the room," she says. "He would be going through chemo and be more concerned about how my brothers were treating me and how my day was going than how his was. His attitude toward life was great."

Brady's family and friends bound together to create Evanfest, an annual event that raises money to support children battling life-threatening illnesses. Creighton has participated since its inception, and before her final year on Drexel's basketball team she decided to do even more to help.

"I came up with the idea of [soliciting] donations for every assist I had in memory of Evan," she says. "When I presented it to [Coach Denise Dillon], she couldn't have been more helpful. Once she passed it onto the athletic department, they all jumped on board. My favorite part about the campaign is that while I was the one running it, without my teammates, my coaches, and everyone pledging it, would have been nothing."

It was a memorable final season for Creighton, who graduated with a business degree in finance in 2016 (she has since completed a master's in sport coaching leadership and gone to work as a consultant with Creative Benefits). She was named a Third Team All-CAA performer after starting all 33 games and leading the team with 89 three-pointers. But it was her 120 assists that had the greatest impact.

"Assisting Others was an amazing program and it definitely represented what Meghan was about. I knew that even though she was graduating, something like this shouldn't stop," says senior forward Kelsi Lidge, who is leading the initiative this season. "Meghan was an effective leader because she always put the team before herself. Sometimes she would think about everyone else so much, especially on the court, that we would have to tell her to shoot the ball, too!"

Luckily, for her teammates and two very fortunate charities, she never needed prodding to pass.





FROM THE DAC



"When you're a point guard on a basketball team you have 15 different personalities to figure out. I think that translates to my management style. You can't treat every person the same way and expect the same results."
— Kira Karlstrom

BASKETBALL

Still a Top Rebounder

In 2008, medical issues prompted Kira Karlstrom '07 to hang up her high tops and walk away from professional basketball, but she has bounced back in her new career as an award-winning marketing executive. By Mike Unger

Although she's now firmly entrenched in the corporate world, Kira Karlstrom, 33, still often employs the language of sport.

Take for example the way she describes her current job, as a director of marketing communications at Comcast Corp., where she leads the strategy, creative and execution of acquisition marketing and advertising campaigns, including the company's recent partnership with the United States Olympic Committee for the 2018 Winter Olympics.

"I work with many different teams and many different partners," she says. "When you're a point guard on a basketball team you have 15 different personalities to figure out. How do they like the ball fed to them? How do they like being talked to? I think that translates to my management style. You can't treat every person the same way and expect the same results; everyone is different."

Karlstrom retired her high tops after a decorated basketball career at Drexel and one season of pro ball in Europe. That she even made it onto the court at the DAC is surprising considering her stature: she stands just 5 feet 3 inches tall.

Growing up in Clarkston, Michigan, about an hour north of Detroit, Karlstrom saw the doubt on people's faces as she walked into the gym. She never forgot those looks.

"Once I started to get older, a lot of people said that I was never going to play Division I because I was too small," she says. "My mentality became, 'I'm going to prove you wrong.' As part of that journey, I really fell in love with the game."

Karlstrom started as a sophomore and led the Dragons to their

first-ever win over Old Dominion.

"She came into a program that we were rebuilding," Drexel women's basketball coach Denise Dillon says. "It wasn't good enough just getting a scholarship, she wanted to prove that she belonged on the floor. Kira was one of our top rebounders. It just showed her work ethic. She was one of the top hustlers on the team, and with hustle comes a lot of rebounds. She was really scrappy. She worked hard every day, and I think she does the same thing in the workforce."

After graduating in 2007 with a degree in graphic design, Karlstrom played professionally for one year in Romania before a botched appendectomy sent her home. It wasn't her only health scare: in 2009, she was diagnosed and treated for thyroid cancer, which she continues to successfully manage today.

Back stateside, she landed a job as an associate producer and art director at ESPN, where she worked on music videos and animation packages for *SportsCenter*, the NBA and the World Cup.

Following stints at Marvel Entertainment and a visual effects executive producer role at a company in Los Angeles, she moved to her adopted hometown of Philadelphia to work for Comcast.

In her current career, she's still drawing from her playing days as a Dragon. On the court, one of her goals was to be among the team's top rebounders. Her senior season, she led the nation in rebounding for sub 5-foot-5 guards.

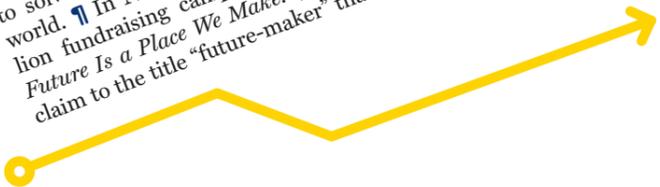
"Goals are a big part of every job that I've had," she says. "I've learned from athletics that attitude and hard work pays off."

JEFF FUSCO

FORWARD

OUR FUTURE IS THE PLACE THEY MAKE

If you believe that more people should wear safety gear while biking, you invent a fashion-forward, collapsible helmet that's really cool. If you're frustrated with the lack of social opportunities for people on the autism spectrum, you start an Asperger's-friendly music course at Philadelphia's School of Rock. And if you think video games can do more than build thumb dexterity in teens, you launch a gaming company that creates entertainment that serves the social good. ¶ For six years, 40 Under 40 has documented Drexel's essential philosophy that says: The future is ours to shape, ours to make better. And this year, we honor another remarkable group of young alumni who crisscross disciplines to solve problems, enrich the urban scene and enliven our world. ¶ In November, the University launched a \$750 million fundraising campaign with the audacious theme: *The Future Is a Place We Make*. ¶ Could anyone have a stronger claim to the title "future-maker" than the people in this issue?





Brandie Posey

Breaking into the world of stand-up comedy is no joke — but Brandie Posey is making her own path as a stand-up act armed with an album, a nationally beloved live comedy show, television pilots and a podcast.

Picture this: Brandie Posey earned a degree from Drexel's film school, not one of its engineering programs. Nonetheless, she has engineered quite a career for herself as a successful stand-up comedian, writer and producer. And now, "Picture This!" the national-comedy-show-turned-possible-TV-show that Posey co-created, is pushing the Dragon to new heights as a woman in comedy.

"She's really, really made something of herself," says fellow Dragon Cameron Wicks '06, who graduated with Posey and nominated her. "She's a comedian and I think that speaks well for her and I think it speaks well for Drexel."

Posey has appeared at multiple comedy festivals around the country and released an album, "Opinion Cave," that debuted at No. 1 on iTunes and No. 12 on Billboard.com in 2016. She, Barbara Gray and Tess Barker co-host the "Lady to Lady" podcast, which has been downloaded more than 4 million times and featured in *Entertainment Weekly*, *Bust Magazine* and on the comedy insider publication *Splitsider*. The trio have drawn sold-out crowds at the Hollywood Improv, the Upright Citizens Brigade Theatre and on tour all across the country.

Posey's biggest venture, however, could end up being "Picture This!," a live performance show created by her and producer Sam Varela that pairs comedians with animators who draw their jokes behind them live like giant, hilarious Pictionary. Posey and Varela have "Picture This!" franchises in Los Angeles; New York; San Francisco; Philadelphia; and Portland, Oregon, as well as a signed television development deal with Push It Productions, a production company founded by comedian Wanda Sykes and writer Page Hurwitz. In partnership with Push It Productions, "Picture This!" has a shot at a pilot for TruTV, with Posey attached as co-creator and executive producer. A series pick up order could happen any day.

Posey was always a fan of comedy, but it wasn't until she took a stand-up comedy workshop while in Los Angeles on her co-op that she fell in love with the medium.

"I started finding open mics and going to those and quickly became addicted to it," she says. "Every night is completely different, even if you're doing the same set."

After graduating, she moved to Los Angeles and took movie and TV production jobs during the day to support herself while she went to open mics at night. She also visited open mic nights when her production jobs took her to other cities, until eventually she developed enough material and contacts to build her own national tours.

"Opinion Cave" has done well enough to pay Posey's rent the past two years, but she is always working on her next project. Currently, she is honing comedy sets for late-night television, half-hour comedy special submissions, an animated "Lady to Lady" pilot with her co-hosts, and her own writing projects, all in addition to taking "Picture This!" to the next level.

"I don't really believe in putting all my eggs in one basket," she says. — *Peter Key*



Jordan L. Fischer

29

JD '13

Co-founder and managing partner, XPAN Law Group

MY GREATEST ACCOMPLISHMENT: Creating my own law firm focused on cybersecurity and international and domestic data privacy. We are a women-owned business operating in a high-tech, male-driven environment — and in an industry that is constantly evolving. Providing a unique global solution to the legal needs of a wide variety of companies has been an invigorating journey and one that continues to grow and change.

HOW DREXEL HELPED: Drexel provided me with a great networking foundation, exposure to a wide

variety of industries, and an opportunity to give back by becoming an adjunct professor in the Kline School of Law.

MY HOPE FOR THE FUTURE: My firm's goal is to create a culture of security and data privacy. We want to create a global dialogue around data. On a personal level, my hope is to have created a sustainable company that meets the growing needs of businesses in the cyber and data privacy realm while also balancing the needs of its clients with the goals and development of its employees. And I hope to also use my own experiences, both in the law and in creating my own business, to provide the community with another strong female voice, encouraging others on their own unique paths.



CALVIN BRADLEY JR.

29

MY GREATEST ACCOMPLISHMENT:

As pediatric chaplain, I journey with patients and families through some of the most critical times of their lives, providing them with spiritual and emotional support. I serve a large patient population ranging from expectant mothers to young adults trying to navigate college or their first job while battling a chronic illness. Sometimes parents need a sounding board, a judgement-free place to vent, or a place to cry out of sight of their child, and I get to provide, and oftentimes be that space for them. Part of my responsibility is to also provide care and support to the staff, because caring for others can be overwhelming, especially in high-stress situations. Prior to becoming chaplain, I served as an after-school site coordinator for a middle-school program serving primarily African-American and Latino youth. Unlike many programs of its kind that are geared toward inner-city settings, this program was geared toward youth from low-economic rural communities, who were low- to average-performing students academically, and some who had disciplinary challenges. The key is to discover what each child is most passionate about or

MS global and international education '14

Pediatric staff chaplain, James and Connie Maynard Children's Hospital and the Women's Center at Vidant Medical Center

what things they did really well, and work with those things to help make them successful in other areas. Oftentimes, simply affirming and encouraging students in their gifts made a huge difference.

HOW DREXEL HELPED: Drexel propelled me to think more holistically and systemically about how I assess the situations being faced by the youth and families I serve. Drexel also helped to sharpen my skills for program development and project management.

MY HOPE FOR THE FUTURE: I will soon complete my PhD in conflict analysis and resolution from Nova Southeastern University. While I look forward to further advancing my career in health care, personal and relational connections with patients and families will always be my passion.

33

BS film and video production '06

Comedian, writer, producer



AJAY KOHLI

28

BS economics '10, MD '15

Radiology resident physician, Drexel College of Medicine/Hahnemann University Hospital

MY GREATEST ACCOMPLISHMENT:

Working to combine technology and medicine to build innovations in health care delivery. I launched several projects within digital medicine, such as using wearable technology in surgical oncology and smartphones to manage heart failure and breast cancer treatments, which have gone on to win research competitions. Most recently, I brought together a team that built a breast cancer patient education mobile platform that was presented at Harvard Medical School and won an award from Philips Healthcare.

HOW DREXEL HELPED: The innovative curriculum, the ability to work in world-class hospitals like Kaiser Permanente, and perhaps most importantly, the teachers and mentors. Drexel and the College of Medicine are applying innovative curricula and helping students and professionals succeed in novel ways.

MY HOPE FOR THE FUTURE: Within five years, I hope to be finishing up residency and continuing the entrepreneurial journey to really disrupt healthcare and technology for the better. Lots to follow.



Julio Nuñez

As a boy, Julio Nuñez snuck illegally into the United States. Fortunately for Philadelphia’s public schoolchildren, his journey didn’t end there.

At 15, Julio Nuñez huddled with his mother in the parking lot of a McDonald’s, just over the border from Nogales, Mexico — two Mexican nationals “without papers” waiting for a van to take them to a safe house in the United States.

It was a journey no one in his family had ever expected to make. But the Nuñez’ were never able to regain their middle-class footing after the Mexican government unexpectedly devalued its currency against the U.S. dollar in 1994.

“My family lost nearly everything: Our home, cars, savings and more importantly, the working capital for my dad’s small business,” recalls Nuñez, now 35. “The situation pulled my family apart.” After struggling for a couple of years, his father crossed the border to join a relative in the Philadelphia area and spent two years sustaining his wife and children back home with a series of back-breaking jobs until they could join him.

Since then, Nuñez has put any number of barriers behind him. The family gained legal residency under sponsorship from his father’s employer. Nuñez graduated from high school, and cycled through various majors at Montgomery Country Community College before discovering a passion for writing and completing a degree in journalism with concentrations in economics and political science at Temple University. He earned a political journalism fellowship in Washington, D.C., and represented the United States on a Fulbright scholarship in Germany.

Finally, in 2011 he became a citizen — the moment he was eligible, he says. Soon after, he completed his master’s degree from Drexel. And he found what he hopes is a lifelong career path in education.

Nuñez began teaching in North Philadelphia public schools in 2009 on a bilingual teaching fellowship. Lisa Walsh, a teacher who worked with him at the time, says Nuñez was driven to help kids overcome socioeconomic obstacles.

Eventually, Nuñez decided to commit himself to administrative work, and pestered his bosses until he was appointed vice principal at Julia De Burgos Elementary School in the Fairhill section of the city.

“He’s extremely well-versed on politics and the current climate,” Walsh says. “[He understands] how systems work, and how to get things done in a bureaucratic system.”

“Administration, I think, is the most challenging work in the city,” Nuñez says. “There are a lot of moving parts you’re responsible for, but you don’t have a lot of leverage.”

In 2016, Nuñez was hired as the founding principal for Independence Charter School West, a school that, like the highly regarded Independence Charter School already established in Center City, emphasizes second-language acquisition with weekly courses in both Spanish and English. Tom Scheid, CEO of Independence Charter Schools, says the schools’ board chose Nuñez to direct the new branch because of his facility with Spanish, his personal experience learning a second language and his passion for urban education.

Now in its second year, the school has grown from 300 to 400 students, most of whom are African American or biracial. Founded as a K-3 school, ICSW plans to add a grade every year until it serves students K-8. Nuñez says he was drawn to the school’s philosophy that students are more than a test score — that they enjoy and are enriched by art, sports, language and music the same way that adults are.

“The successes I have had cannot solely be attributed to hard work,” Nuñez reflects. “My family, education and the people in this country, whom I truly believe are inherently empathetic to the immigrant story, have been the primary enablers. Now, I aim to be one for others.” — *Jared Brey*

JEFF FUSCO



NINA CRUM

31

PhD materials science and engineering '13

Software engineering technology development manager, Intel Corp.

MY GREATEST ACCOMPLISHMENT:

Transitioning from materials engineering into software development for computer-aided design engines, eventually becoming the project lead of my team. I was fortunate to be mentored by talented people at my company who helped me grow. It has also been an honor to help and inspire women in tech through a project that I started to address gender-biased behaviors in meetings, which included creating a video in which I interviewed the most inspirational and powerful women in tech.

HOW DREXEL HELPED:

My four years at Drexel was an amazing period of growth. I built up a great work ethic through all of the constant challenges of a PhD and it taught me to stay determined, even when the work gets more challenging. Drexel’s focus on outreach to the community and involvement in additional work outside of one’s core field of study has also inspired me to stay involved in projects outside of my main technical work and to remain active in my community and workplace.

MY HOPE FOR THE FUTURE:

I would like to continue on the path that I’m on, keep enabling Moore’s law and leading my team, and do a great job at whatever other challenges come up!

MY GREATEST ACCOMPLISHMENT: Two things made me feel like I had “made it.” One was earning my first aired producer credit on a TV show for “Amish Mafia” on Discovery Channel. I’ve created, developed and/or produced content for Discovery Channel, TLC, Investigation Discovery, Animal Planet, History Channel, Food Network, HGTV and Oxygen, among other networks. The second big moment for me was seeing my name on the big screen as the co-executive producer of “Ten Thousand Saints,” a film starring Ethan Hawke, Emile Hirsch and Hailee Steinfeld that premiered at Sundance in 2015. Since then, I’ve also been fortunate enough to produce a handful of other feature films in different capacities.

HOW DREXEL HELPED: Drexel helped me build a foundation of knowledge for my career. Through the co-op program, I was able to gain essential firsthand business experience. Even though I was a business student, I was able to take film and television classes, which empowered me to pursue film school after graduation. Working on the Drexel student-produced TV series “Off Campus” provided me with the experience I needed to pursue my passion for producing.

MY HOPE FOR THE FUTURE: In five years, I hope to still be doing what I’m doing now — creating entertaining content for film and television.

D.J. Dodd

30

BS business administration '10

Director of development,
Glass Entertainment Group



MY GREATEST ACCOMPLISHMENT: Being a key contributor to the growth of our company from a startup to the sixth-largest residential security/home automation company in the United States. Since 2005, I have led over 700 acquisitions, built our customer integration platform, helped to expand our company from 20 to more than 650 employees, and worked with an amazing team to grow annual revenues from \$6 million to over \$100 million.

HOW DREXEL HELPED: The co-op program played a significant role in helping to get my résumé noticed. However, the biggest impact from the overall Drexel experience came in the form of personal insight on what I could bring to a team and an organization. This not only helped me convey confidence during interviews but gave me the aptitude and drive to advance in my career quickly.



ANASTASIA BOTTOS

36

BS business administration '05

COO and chief strategy officer,
My Alarm Center

MY HOPE FOR THE FUTURE: So many innovative companies are entering the security and home automation space today. It’s an exciting time to witness the explosive growth of our industry and all of the great minds joining us to grow it. My hope for the future is we continue to draw in a more and more diverse group of thinkers to join us.

a personal investment I make is in my morning routine to get into a peak state and ready for the day. “Win the morning, win the day” is my morning motto. Wake up, 20 minutes of transcendental meditation to reboot my mind, 15 minutes of “priming” meditation to get into a state of gratitude, cold shower to energize and get dressed to empowering music. I also prioritize my wife, children, extended family and friends in life. Without them, nothing else matters.

HOW DREXEL HELPED: I have many things to be grateful for in how Drexel prepared me but two things stand out. One, I had a highly influential freshman

MY GREATEST ACCOMPLISHMENT: Actually completing a PhD in materials science as a fashion designer, and doing so alongside a fantastic group of mentors and colleagues who made the experience all worthwhile. I always loved making clothes, and I was always interested in science, and they helped me explore ways to make clothing that included technological components, such as garment designs embedded with audio and video that could display messages for people with communication difficulties. That led me to investigate new kinds of fabrics and manufacturing methods in Drexel’s Shima Seiki Haute Tech Lab. I also became the first Westphal College of Media Arts and Design student to conduct a research co-op studying supercapacitors and energy-storing materials in the A.J. Drexel Nanomaterials Institute in the College of Engineering. I was awarded top engineering fellowships, including one with the Department of Defense, and selected to attend the 63rd Lindau Nobel Laureate Meeting in Germany alongside Nobel Laureates in chemistry-related fields.

HOW DREXEL HELPED: Drexel and its faculty provided the opportunity and support to pursue degrees in both art and science and complete research on smart textiles and functional fabrics. It was a unique and exciting atmosphere collaborating across fields between the Shima Seiki Haute Tech Lab and the Nanomaterials Institute.

MY HOPE FOR THE FUTURE: I hope that the field of smart textiles continues to grow and evolve, to better the quality of people’s lives. I hope that I can continue to be a part of this exciting field of research and development!

year accounting teacher by the name of Jennifer Wright, in the LeBow College of Business, who believed in me and gave me the most precious piece of advice. She simply said, “They need you more than you need them,” in reference to my fears of finding an internship. I’ve never had anxiety about interviewing ever since. Two, co-op experience is a tremendous differentiator. By no stretch of the imagination, I was academically a mediocre student. The co-op program fueled my strengths around grit, work ethic and hustle.

MY HOPE FOR THE FUTURE: I hope I’ll be exactly where I am now.

Kristy Jost

29

BS fashion design '11; PhD materials science and engineering '15

Senior product development engineer, 3M



LEE M.J. ELIAS

34

MS sport management '13

Business owner,
author and coach

MY GREATEST ACCOMPLISHMENT: I have been able to create opportunities to professionally surround myself with my passions as an entrepreneur and a leader, while also being able to give back. I’ve created three companies: Game Seven Group, a sports coaching strategy consultancy; Hockey Achievements, an interactive sporting community with an audience of 350,000+ followers; and Hockey Wrap Around, a hockey equipment company. I’ve also been fortunate to be on the coaching staff of the 2015 Peterborough Phantoms Championship ice hockey team in the English

Premier League, to be part of the Sports Coaching Leadership team at Drexel, and to have previously worked for the National Hockey League, NBC Sports and Madison Square Garden. In addition, I’m a two-time award-winning author of the books “Win” and “Think Like a Fan.” Personally, I’m most proud of creating a wonderful family with my wife, Dr. Janet Cruz (who also works at Drexel), and my two children, Logan and Alina.

HOW DREXEL HELPED: Both my education and mentors at Drexel set me on a course that ultimately let me accomplish my professional goals in the sporting world as a coach and business person. My master’s thesis eventually morphed into my first book which also launched my career as an author.

MY HOPE FOR THE FUTURE: Through my work I have helped several sports teams embrace the concept of team building to become championship-caliber organizations and I hope to help a collegiate and/or professional team win a title. I also want to publish a book that explores the common strategic elements found among teams that win championships consistently over time.



JIN HAN

39

BS information systems '02

Cybersecurity partner,
PricewaterhouseCoopers

MY GREATEST ACCOMPLISHMENT: Professionally, making partner at the age of 35 (at PwC’s predecessor Accenture), a foolish goal I set on the very first day of work (at PwC) that remarkably came true with only 14 days before my 36th birthday. The age plus minority factor made achieving this goal extra satisfying. Personally, my greatest accomplishment was realizing that achievement does not result in happiness and the greatest investment I can ever make is in myself. An example of



JOSHUA PRASAD 30

MPH health management and policy '13

Co-founder, Seva Insights

MY GREATEST ACCOMPLISHMENT: As a public health adviser in the federal government, I was able to help how people rethink their engagement with health through policy and programs. For example, I helped develop and run the Tobacco-Free College Campus Initiative. Through integrated activism, local and national partnerships, social media, and targeted engagement campaigns the initiative has reduced the number of smoke- and tobacco-free campuses by over 1,000 since 2012.

HOW DREXEL HELPED: As a natural introvert and homebody, I wouldn't have been equipped for all the hands-on work and collaboration I've experienced without Drexel's training. Since graduating, I went on to complete a fellowship at Harvard Center for Primary Care while working full-time for the Department of Health and Human Services. I launched a health innovation startup that was lauded for its approach to transforming preventive health. I went to Houston to help Hurricane Harvey victims rebuild, and I've worked on campaigns in local political races. I've recently co-founded a think tank and advising group to redefine what modern health, innovation and medicine can be.

MY HOPE FOR THE FUTURE: Now that I've left the federal government, I want to continue to engage with the world and help solve pressing issues. Modern public health happens at the confluence of health care, education, housing, transportation, the environment and more. This requires me to keep learning to bring these sectors together to cultivate change. In the future, be it tomorrow or 20 years from now, I hope to not only be part of this type of transformative conversation, but helping lead it.

MY GREATEST ACCOMPLISHMENT:

Thousands of children are currently in deportation proceedings without the right to an attorney. Over the past two years, I have had the privilege of managing the Legal Aid Justice Center's Special Immigrant Juvenile Project, which has provided life-altering legal representation to more than 150 immigrant children. Fighting on the frontlines every day to keep families together and providing legal representation to some of the most vulnerable immigrant populations has been my greatest accomplishment.

HOW DREXEL HELPED: Drexel's unique emphasis on experiential learning, collegial energy and entrepreneurial spirit set the stage for a transformative law school experience. That experience coupled with the meaningful relationships I established with my professors and



TANISHKA CRUZ

35
JD '12

co-op mentors — who encouraged me to fearlessly challenge the status quo — helped make me the lawyer I am today.

MY HOPE FOR THE FUTURE: To build a thriving law practice where I'm working on the forefront of immigrant rights issues and leading the charge in improving immigrant access to legal representation and justice.

Founding attorney, Cruz Law, and UVA immigration law clinic supervisor, Legal Aid Justice Center

Zachary Rubino

30

BS film and video production '09

Cinematographer, Expressway Cinema Rentals and Expressway Productions



MY GREATEST ACCOMPLISHMENT: Building Expressway Cinema Rentals and Expressway Productions into Philadelphia's premier equipment rental and services facility. My two partners and I started our shop in 2010 with the mission to bring top-notch equipment with full-service production and technical support to the filmmaking community. We've been able to grow from a small garage in Kensington to a 10,000-square-foot facility offering camera, lighting, grip, studio rentals and creative production services.

HOW DREXEL HELPED: Beginning with the staff and a curriculum that encouraged a deep understanding of the tools of the trade, to the collaborative process learned while working with fellow students, the entirety of my Drexel experience helped to start me on the path I am on today. The intricacies of cinematography and the technical art of working with light revealed themselves to me through a combination of film studies and production-oriented classes. My co-op spent working on feature films led to important connections within the industry. Many of the people I met at Drexel remain inspirations and collaborators to this day.

MY HOPE FOR THE FUTURE: I hope to have increased Expressway's capacity to support our filmmaking and photography communities both regionally and beyond. Personally, I look forward to my work as a cinematographer to continue being both challenging and rewarding.

Melanie Kasper Rodbart

Melanie Kasper Rodbart's historic building preservation firm makes sure the city's cherished past survives well into its future.

38

MS civil and environmental engineering '04

Co-founder, J&M Preservation Studio

"I was traveling to Europe a lot for personal vacations, and one thing led to another, and I was hooked," says the Bucks County native. "I was working in the wrong field; totally working in the wrong field."

In 2005, after completing her master's degree in civil and environmental engineering at Drexel, she contacted Philadelphia-based preservation firm S. Harris Ltd. looking for a job. Its founder, Sam Harris, was a long-time professor of history preservation at the University of Pennsylvania. To signal how serious she was about her interest in preservation, Rodbart told him she would go back to school again, despite recently obtaining a master's degree.

"During my interview, he said, 'You don't need to go back to school. If you come here, I will teach you everything about historic preservation.' And that was just music to my ears," she says. For the next eight years, she learned the teachings of "Building Pathology," the book Harris authored.

When Harris passed away in 2013, Rodbart teamed up with Jessica Senker, an architect and colleague from S. Harris Ltd., and they launched J&M Preservation. Collectively, she and her business partner have worked on seven National Historic Landmarks and more than 40 historically significant sites.

She constantly finds inspiration among Philadelphia's historic sites, like the grand ruin of Eastern State Penitentiary.

"It's never going to be a prison again, so it tells a story, and I think it's fascinating as a museum to tell the social aspects of that," Rodbart says. "But also from a material pathology standpoint, that you can actually see deterioration and decay. It's always going to be in a state of deterioration and decay. How do you manage that, and show that to the public, and keep a safe site?" — Jared Brey

As glassy new towers have shot up across Philadelphia's booming skyline in recent years, one Drexel grad has been hard at work making sure the city's older, historic structures don't fall down.

Melanie Kasper Rodbart is principal and co-founder of J&M Preservation Studio, the region's only woman-owned firm providing in-house architectural and structural engineering services for historic preservation. She has managed dozens of projects involving the structural analysis and stabilization of many buildings that are on the National Register of Historic Places.

A highlight of her work was the restoration several years ago of the catastrophically weakened, 260-year-old roof framing over St. Peter's Episcopal Church in Society Hill. The church was once the place of worship used by our Founding Fathers, making it one of the treasures of the city's colonial history. The entire award-winning project was completed in just 10 months without disrupting the building's original framing or pristine sanctuary.

Currently, at Memorial Hall in Fairmount Park, which now houses the Please Touch Museum, Rodbart is repairing and stabilizing two monumental bronze Pegasus sculptures that date back to the 1876 Centennial Exhibition. And at Eastern State Penitentiary, she's part of ongoing renovations to keep the 189-year-old former prison safe for the thousands of tourists who pass through it each year.

She arrived in the field of historic preservation after a stint working in bridge design and construction inspection at the Philadelphia-based firm Urban Engineers, where she landed after graduating from Bucknell University. Some fateful jaunts among the Old World cities of Europe persuaded her that she needed a new career direction.



Vasileios Nasis



Before “internet of things” was a household phrase, Netronix was building its own tools and a network of companies to make our world smarter, faster and better connected.

When Dr. Vasileios Nasis left his native Greece to attend Drexel in 2000, his plans were simple: earn an undergraduate degree and get a job. Instead, he went on to earn his bachelor's, master's and doctorate degrees in electrical and computer engineering, teach at Drexel and start a company that employs some of his former Drexel students.

“I'm a Drexel product, 100 percent,” he says. “An engineer, but a practical engineer: the guy who rolls up his sleeves, the guy who spends time in the lab, the guy who goes and meets with clients.”

Most of those meetings are with current and potential customers of Netronix, the company he launched in 2008 to help bring the “internet of things” technology revolution to the masses.

The internet of things, often shorthanded as IoT, refers to the trend toward networking an ever-expanding universe of household objects and everyday equipment capable of collecting, transmitting and receiving data. The “things” include buses that transmit their locations to transit systems to provide real-time route information; home thermostats remotely controlled by electric utilities to conserve power; and manufacturing equipment that alerts factory operators when it needs maintenance.

Information technology consulting firm Gartner Inc. estimates there are 8.4 billion “connected things” in use this year and predicts there will be 12.9 billion by 2020.

Netronix makes it easier for other companies to use or offer IoT products and services. Its IoT platform includes hardware that can be connected to existing devices or built inside new devices to make them part of the IoT; a cloud platform for controlling data flow to and from

39

BS electrical engineering '02, MS electrical engineering '05, PhD electrical and computer engineering '08

CEO and founder, Netronix

MY GREATEST ACCOMPLISHMENT:

Influencing the outcomes of the Nuclear Security Summit process through recommendations, analysis and engagement in collaboration with other civil society experts. My role as a strategic planner in the National Nuclear Security Administration's Office of Safety, Infrastructure and Operations is to develop a long-term strategic plan for investing in infrastructure improvements at eight national laboratories and production facilities that support the nuclear weapons stockpile, global non-proliferation efforts and naval propulsion. Prior to this, I worked



MICHELLE CANN

33

BS history and political science '07

Strategic planner, National Nuclear Security Administration (as a Mele Associates contractor)

for 10 years with the Partnership for Global Security, a nuclear security policy shop in Washington, D.C., on nuclear security, nuclear energy and transnational policy challenges, including researching the linkages among climate change, nuclear energy and global security issues. I have authored more than 30 reports and articles on nuclear security policy opportunities, political influences and budget trends. I have spoken at more than 20 international conference workshops and press briefings around the world.

HOW DREXEL HELPED: My senior thesis professor at Drexel encouraged me to interview a nuclear security expert for my paper. A few months later, that same expert hired me to work at his policy shop in Washington and mentored me to become

the professional I am today. Without that encouragement and connection, my career may have taken a very different course.

WHERE I'LL BE IN FIVE YEARS:

Enhancing national security and serving the public good as a policy professional in the U.S. government.

HANNAH COOK '06

29

MBA entrepreneurship and innovation management '17

Founder and CEO, AnneeLondon



RAFAEL ILISHAYEV

24

BS international law and legal studies '15

Co-founder and CEO, goPuff

MY GREATEST ACCOMPLISHMENT:

Making the first delivery for goPuff [an on-demand delivery service co-founded with fellow Drexel student Yakir Gola in 2013]. On the way there I got into a car accident and ran the rest of the way to our first customer's house. He lived next

door to a 7-Eleven. At that point we knew that we had something special. *Note: GoPuff delivers convenience store items ranging from snacks to contraceptives to anyone's home in under 30 minutes and since its launch it has expanded beyond Philadelphia to more than 20 cities coast to coast.*

HOW DREXEL HELPED: Drexel taught me the fundamentals of business, how to be a leader and most importantly — how to be a better listener. These are definitely things that you acquire with experience, but Drexel helped lay that foundation for me.

MY HOPE FOR THE FUTURE: We are disrupting the convenience store industry and recreating consumable impulse use in a digital world. Personally, I hope my story inspires the students of the Drexel community to never be afraid to chase their dreams and to always be resilient when faced with opposition. If you want to solve a problem, you have to put your head down and be laser-focused on getting it done.

Rachel Benyola

MY GREATEST ACCOMPLISHMENT: Inventing the first and only modern helmet that is 70 percent foldable, stylishly customizable and twice as safe. Despite having no engineering background, I built the product and company by using my expertise in psychology and leadership development to understand my customer and attract the best talent for my team.

HOW DREXEL HELPED: The MBA course “New Venture Planning” taught me how to test out the viability of a new business idea quickly and affordably. This model helped me determine that the concept of a folding helmet was a scalable business. Less than two years later, I have a patent-pending innovation that is revolutionizing safety standards in several

industries. In addition, winning second place in the Close School of Entrepreneurship's Baiada Institute business plan and pitch competition provided good visibility as a new venture, as well as funding to help with prototyping and office space inside the Baiada incubator. These opportunities helped me to launch AnneeLondon on a bootstrapped budget, for which I am grateful.

MY HOPE FOR THE FUTURE: Recent studies have shown that Americans spend 95 percent of their time indoors. We need to invest in preventive health to improve the health of the masses. I want to see more people outside because everyone deserves to look and feel good, while conveniently and safely enjoying outdoor life.



Christopher Bennett

27

BS business administration '12

Aradhya Malhotra

27

BS computer science '13

Oleks Levtchenko

27

BS business administration '12

Skyless Games

The trio behind Skyless Game Studios are building video games that fight corruption, encourage child welfare, improve multinational cultural relationships, and more — all “for a better tomorrow.”

Five years ago, Chris Bennett '12, Arad Malhotra '13 and Oleks Levtchenko '12 hunkered down in a conference room in Drexel's Baiada Institute for Entrepreneurship, part of the Close School of Entrepreneurship.

“We basically made a brainstorming word cloud on a white board,” says Bennett, 27, who has a bachelor's degree in marketing and entrepreneurship.

Even though no one remembers the exact words anymore, the cloud likely included *technology*, *games* and *philanthropy*. The result was Skyless Game Studios, an intriguing tech startup that creates customized video games to support a client's cause.

“We work with organizations, nonprofits and social enterprises that are trying to make some positive difference in the world and trying to change the way people think about problems,” says Bennett, now CEO of the Philadelphia-based company.

The co-founders say they have had an interest in philanthropy since college. Bennett and Levtchenko belonged to Pi Kappa Phi social fraternity and supported its work with disabled schoolchildren.

“We wanted to give as we grow,” Malhotra, also 27 and chief technology officer, says of the mission. He studied computer science with a focus on video game development and human computer interaction.

Video games (and virtual and augmented reality down the road) were an obvious route for the team. “I've done programming since I was 13,” Malhotra says. “Video games were a perfect outlet for me.”

Levtchenko, 27 as well with a bachelor's in entrepreneurship and finance, points out that people often learn better by doing than by simply reading a bunch of facts.

“That's what these games are — digital apprenticeships,” says Levtchenko, who formerly served as director of finance for Skyless. He now lives in Atlanta and serves on the company's board.

Take their project “Follow the Money.” It was designed for the Repatriation Group, a nonprofit that helps developing countries fight corruption and financial crimes. Users investigate a virtual crime and learn evidence gathering, asset forfeiture and more and are scored on the type of charges pursued and assets recovered.

Their LifeLeap project supports the mission of Aahana, a nonprofit that works in India with women and children. Players accumulate points by maneuvering a character around obstacles and collecting medical supplies. Facts about the welfare of women and children — 32.7 percent of the Indian population live on less than \$1.25 a day, for example — appear on screen, along with prompts to donate. An in-game store allows players to purchase coins that power the character and proceeds help Aahana buy real-world medical supplies.

Other games address topics such as the political divide in the United States via satire, as well as issues like cultural relationships, city management and autism.

Around the world, Malhotra says, people spend three billion hours a week playing video games. That's a lot of opportunity.

“Games should not just be an end product, something for entertainment,” he says. “Games should be leveraged as a platform, as real, quantifiable social impact.”

— Lini S. Kadaba

JEFF FUSCO



GREGORY DUNN

32

BS civil engineering '09;
MS civil engineering '16

Structural engineer, Louis Berger

MY GREATEST ACCOMPLISHMENT: I have performed a variety of bridge-related structural engineering services. My most prominent local project is the Vine Street Expressway overhead bridge rehab project. On that project, the Louis Berger design team prepared final plans for the superstructure replacement and substructure rehabilitation of four two-span noncomposite pre-stressed adjacent box beam bridges with single-span steel plate girder bridges on four bridges between 22nd and Broad streets. The \$65 million project is expected to finish one year ahead of schedule in November 2018.

HOW DREXEL HELPED: Drexel laid the foundation for seamless transition to a successful career in structural engineering. Educators challenged students and encouraged critical thinking analogous to the challenges young professionals encounter in the real world. Drexel's extensive professional network coupled with the co-op program provided invaluable experiences. Most important, I used Drexel's professional network to land my dream job at Louis Berger.

MY HOPE FOR THE FUTURE: I hope to continue working on increasingly complex and higher-profile bridge design projects nationwide. In my community, I look forward to becoming a leader by participating in charitable initiatives and mentoring high school students interested in civil engineering.

Alper Bozkurt

Alper Bozkurt is bioengineering swarms of creepy crawlies to hunt for victims of natural disasters in rubble inaccessible to traditional rescuers.

In the wreckage of a building collapse, victims may become trapped under mounds of concrete, beams and drywall in spots with openings too small for a rescue team to enter. In a lab in North Carolina, Alper Bozkurt is designing a hero that's up for the task. His solution, however, may leave some people skeeved out.

"The cockroaches you hate may one day save your life," he says.

Bozkurt, associate professor in the department of electrical and computer engineering at North Carolina State University, oversees a research team that has assembled a swarm of Madagascar hissing cockroaches programmed to crawl through wreckage looking for survivors. The large, 2- to 3-inch-long insects wear "backpacks" equipped with a microphone to listen for survivors and a radio transmitter to send information about their location back to Bozkurt's team.

Bozkurt calls the insects a team of "biobots." By triangulating the biobots' locations, the team can map out a disaster area, a trick that traditional rescue animals can't accomplish.

"We had dogs, for example, working for us in search-and-rescue scenarios," Bozkurt says. "They've been more efficient when scanning the surface of the rubble, not inside the the rubble."

Each cockroach can be controlled remotely by stimulating either the left or right antenna, imitating the feeling of an attack, which causes the bug to veer in whatever direction the controller pleases. And it isn't only their size that's useful.

"Cockroaches reproduce like cockroaches," Bozkurt says.

That is to say: Feed a male and a female, leave them alone, and in a few weeks you'll have a colony.

Bozkurt's Integrated Bionic Microsystems Lab at North Carolina State is also designing electrical instruments that interface with sphinx moths, plants, birds, canines, lemurs and humans. His work on the "internet-of-bionics-things" has been covered by the BBC, CNN, *National Geographic*, Discovery Channel, Science Channel, *Newsweek* and Reuters, and he was included in *Popular Science's* The Brilliant 10 list in 2015.

39

MS biomedical engineering '04

Associate professor, Department of Electrical and Computer Engineering, North Carolina State University

His interest in marrying technology and medicine began at Drexel while he was completing his master's of science in biomedical engineering. He remembers one moment that he says has stuck with him through his entire career.

It was an argument between Drexel doctors and Drexel engineers, and neither side could agree on whether it would be possible to model the human brain using the engineers' imaging technique. The argument became intense, but Bozkurt sat quietly and listened.

His adviser, Banu Onaral, stepped in and said, "Folks, I am excited with both sides' momentum and we have a great opportunity to turn this into a synergy. You just need to learn each other's language so you can educate each other."

After that, Bozkurt says he started learning more about physiology alongside engineering in an attempt to better understand his materials in an interdisciplinary way, an attitude change that has followed him to where he is today, designing medical devices along with insect-machine interfaces.

"Making something useful means you need to bring it to real life and real life is not only one field," Bozkurt says. — *Evan Bowen-Gaddy*



RICHARD M. STUBBS

31

MA music therapy and counseling '16

Owner/manager and therapist, Care and Counseling Center of Southern Oregon and president/founder of Banyan Refuge Center

MY GREATEST ACCOMPLISHMENT: Co-founding a successful psychotherapy agency which employs eight therapists and serves over 300 clients, where I treat adolescents and adults with a history of trauma and suicidal ideation. I created the agency after the Jackson County Mental Health agency in Medford, Oregon, was devastated by funding cuts and 300 workers (myself included) were laid off, creating a mental health crisis for hundreds of families in the county. This was also just four months into the job, my first after graduation, and I opted to shape my own practice rather than seek a position with a new agency. I

have also started a nonprofit named Banyan Refuge Center in Medford which provides free mental health care to refugees, immigrants, survivors of sex trafficking and other marginalized or disadvantaged persons. I am also doing my own clinical research, and am currently writing two case studies about songwriting and lyric analysis combined with cognitive behavioral therapy to treat adolescents with a history of trauma and suicidality.

HOW DREXEL HELPED: Drexel provided me with great therapeutic training, and incredible advisers who inspired me to push for more than mediocre.

MY HOPE FOR THE FUTURE: I hope in five years both of my companies will have grown to help more clients, and that Banyan Refuge Center will have started its first overseas charity missions to provide creative arts therapy and psychoeducation to countries with high need.

Joshua T. Lessard

29

BA architecture '12

Exhibition and architectural designer, University of Pennsylvania's Museum of Archaeology and Anthropology

MY GREATEST ACCOMPLISHMENT: During a gathering of elders debating the relocation of their village to survive a drought, I learned the humbling and sobering truth that surviving changing climates will not be isolated or easy. Five years later, I spend every day documenting and sharing customs, traditions and heritage as the exhibition designer for Penn's Museum of Archaeology and Anthropology. Regardless of the project, I have the opportunity to give a voice to people whose identities and livelihoods are challenged by the conditions they face every day.

HOW DREXEL HELPED: We only achieve great things by standing on the shoulders of the giants who came before us. My time at Drexel provided me with amazing mentors: Westphal College of Media Arts and Design professors Judith Bing, Mark Brack and John DeFazio. It was also the place where I met professional collaborators (in particular, fellow alumnus Tom Quigley), as well as my greatest source of support and inspiration, my partner Alex.

MY HOPE FOR THE FUTURE: First, that the architecture and engineering communities collectively respond to the rising threats brought by climate change through the rapid deployment of peace-keeping/stabilization measures, revisions to the building code and adopting innovative business models. Second, that academia and the nonprofit sector continue conversations about "decolonizing epistemology" and adopt methodologies for giving communities agency to enact their own visions. Third, that the rising millennial workforce helps society at-large grow beyond a dualist worldview.



JULIE HERMAN

35

BS media arts and design '05; MS science of instruction '06

Owner, designer, author, Jaybird Quilts

MY GREATEST ACCOMPLISHMENT: Turning my passion and hobby into a successful career. I'm a best-selling author, speaker, quilt pattern and ruler designer. I am known for developing the Jaybird Quilts family of four quilting rulers. These rulers are used to make my quilt designs. I have written and produced 70-plus quilt pattern designs and self-published five books. I'm recognized in the quilting community for bringing clarity and simplified design to geometrically inspired patterns.

HOW DREXEL HELPED: The degrees that I earned are directly related to the work that I do. The skills that I obtained, like product design, graphics, photography and more, allow me to develop my products

100 percent in-house. My education degree gave me the skills and the confidence to develop classes and teach what I'm passionate about to others. My sorority, Delta Phi Epsilon, taught me how to work with others, plan and execute large events.

MY HOPE FOR THE FUTURE: My hope for the future is to continue to inspire creativity in people. My superpower is geometry and design. I am energized by the beauty of math and how it can modernize traditional quilt designs. I hope that I can continue to bring ease and joy to the quilting community with fresh, accessible and geometrically beautiful designs.



Matthew Borowski

Matthew Borowski's intimate understanding of the immigration system helped him win a high-profile asylum case with national impact.

34

JD '12

Founder, Borowski Immigration Law

For Matthew Borowski, 34, the effort to secure legal rights for immigrants to this country is a very personal one.

"Both of my parents were immigrants. My father was actually a refugee from Poland during the Communist era — he was something of a political dissident," says Borowski, JD '12. "My mom was born in Iran and she immigrated to the United States in the 1970s. So immigration was always a topic that was near and dear to me."

In his Buffalo, New York-based law practice, Borowski has applied himself to the complex needs of immigrants caught up in the legal system.

He gained some national recognition for successfully representing Noorullah Aminyar, an Afghan Army captain who had aided U.S. forces but was being denied asylum here. The case, which was the subject of a 6,300-word feature in *Esquire* last summer, was especially complex because of the challenging and often capricious environment that surrounds immigration statutes.

"The takeaway from that case is that, especially when it comes to asylum, it is all very amorphous, the application of the laws and precedents," he says. "It is really tough to distill this stuff into a clear recitation of the law. Immigration judges have a lot of discretion in how they can interpret the factual circumstances. A lot of it is up to who you have as your judge."

If you think that makes immigration law sound arbitrary, you're right. "My singular issue on appeal was that this *was* arbitrary," Borowski says. Faced with near-identical circumstances for two defendants, an immigration board reached two opposite conclusions. He argued that that is not how the law is supposed to work, and he won.

Borowski understood even before he came to Drexel that the law isn't always applied correctly or fairly. He'd been wrongly accused in Virginia, and that helped to set him on his present course. "It taught me that if you are willing to stick to your guns and take your case to trial, and if you have the money to hire good counsel, you can prevail," he says. "It also showed me that there is an immense amount of pressure on criminal defendants to plead guilty."

His coursework at Drexel helped him to take his ideals and give them practical application. "Drexel had an excellent set of practical courses taught by adjunct faculty, including the immigration litigation course, which was a fantastic introduction to the things that I do on a daily basis now. Having a seasoned practitioner teach that course was an excellent choice," he says.

While he's fighting the battle today, Borowski is thinking about the future and how his work could impact immigration rights in the long term. "It is in the United States' interest to attract the best and brightest to this country," he says. — *Adam Stone*

MY GREATEST ACCOMPLISHMENT: I am most thankful for the skills I have learned that allow me to help take care of children with neuromuscular diseases. I've had the honor to work as a physician scientist answering questions that might make an impact on treating the most devastating of those diseases. In the course of my daily work, I learn the outstanding questions that patients and their families face and provide hope through the promise of research.

HOW DREXEL HELPED: Drexel taught me how to think critically and approach difficult problems, and how to use those skills in everyday work. As a physician scientist, I rely on analytical reasoning and technical skills that were acquired in my studies at Drexel. I received my first exposure to research through the co-op program where my interest in childhood-onset neuromuscular diseases began.

MY HOPE FOR THE FUTURE: The field of pediatric neuromuscular medicine is undergoing revolutionary advances in treatments that are improving and extending lives. New technologies, such as anti-sense oligonucleotides and gene therapies, are making their way through the pipeline. As a physician scientist, my goal is to be a part of the teams that are bringing these types of new treatments to fruition.

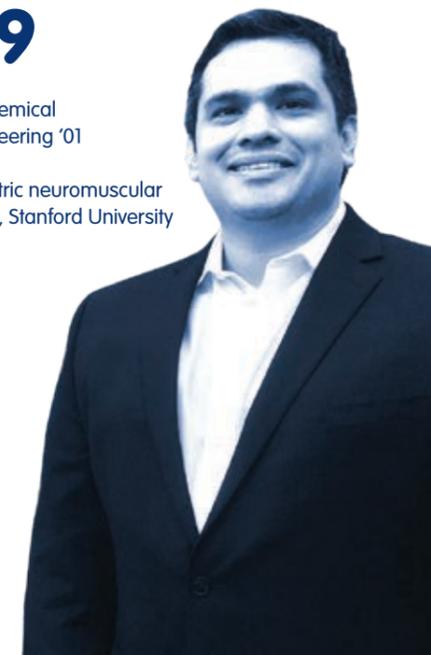
JASON KOXVOLD

Michael A. Lopez

39

BS chemical engineering '01

Pediatric neuromuscular fellow, Stanford University



JULIE LIPSON

33

MA music therapy '13

Owner, Inner Rhythms Music and Therapy Center

MY GREATEST ACCOMPLISHMENT: I find my greatest accomplishments packaged as small moments during the music therapy sessions I lead in my private practice studio in West Philadelphia. Witnessing a client get in touch with a hidden part of their identity, watching a client's face change as they listen to a song that perfectly expresses their emotions, accompanying a client as they try out original lyrics to explore their feelings — each of these moments feels like a huge accomplishment for me, the client, and music therapy as a field.

HOW DREXEL HELPED: Drexel's Creative Arts Therapy professors were extremely encouraging when I started my private practice last winter. I was grateful that, even after I graduated, they showed the same attention and care for me that I had so appreciated as a student. Although working in private practice is rare in this field, they were enthusiastic, supportive and reminded me that my work would fill a need in our community.

MY HOPE FOR THE FUTURE: Society is slowly beginning to better understand two of my passions: music therapy and gender equality. My hope is that both of these areas continue to gain support, and that my work contributes to a community where every individual can freely express all facets of who they are.



JAY D. SHAH

33

BS biomedical engineering '06

President and medical physicist, Dynamic Medical Physics Inc.

MY GREATEST ACCOMPLISHMENT:

I implemented an extremely precise treatment option for brain surgery, known as stereotactic radiosurgery, at a community hospital in Tampa Bay. This procedure uses highly focused radiation beams to destroy tumors without cutting into the brain. It involves efficiently coordinating a multidisciplinary team of specialists, understanding the nuanced particle physics that govern radiation measurement and machine characterization, utilizing the time and financial resources of the staff and hospital and coping with a smaller acceptable margin of

MY GREATEST ACCOMPLISHMENT: Seizing the opportunity to move to Chicago and trade options for Group One Trading on the floor of the Chicago Board Options Exchange. After almost 13 years of trading options, I have been named one of Group One's top traders and earned ownership units in Group One Trading. While working full time, I attained the chartered financial analyst designation and have recently enrolled part time at The University of Chicago's Master of Science in Analytics program. While in Chicago I met my wife, Stacy, and we have a son Benjamin.

HOW DREXEL HELPED: Many of the beginning contacts for this opportunity were created through the Drexel cooperative education program and Drexel Athletics. Drexel's emphasis on technology has given me an edge as technology transforms the options trading business.

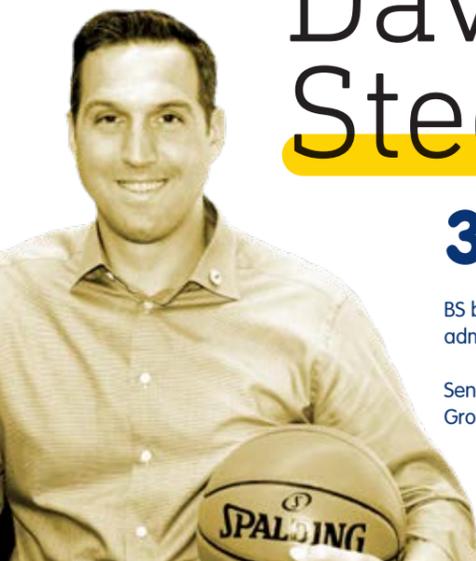
MY HOPE FOR THE FUTURE: Technology has created an explosion of information and data analytics represents an opportunity for companies worldwide, including Group One.

David Stec

39

BS business administration '02

Senior trader, Group One Trading



error. I spearheaded this program, pushing the limits of modern technology and bringing patients a treatment modality that was not available within the community hospital. This ultimately qualified more patients to be treated for different conditions within a shorter timeframe and to a higher degree of accuracy.

HOW DREXEL HELPED: The School of Biomedical Engineering, Science and Health Systems' curriculum

created a well-rounded graduate in medicine, engineering and business. This helped me find ingenuity in addressing technical and managerial obstacles. Radiation-producing equipment is complex and traditionally reserved for large academic institutions with deep pockets. These institutions are often located in big cities, leaving patients in the suburbs without a convenient option for cancer treatment. I believed multimillion-dollar academic

institutions should not be the only places that provide high-quality patient care. I streamlined clinical processes and expanded the treatment options that physicians could offer their patients by designing cancer centers around Florida; this helped doctors build their own practices and gave patients a treatment solution closer to home. Drexel provided a broad educational foundation and co-op experience that was crucial in developing realistic solutions.

MY HOPE FOR THE FUTURE: I envision bringing affordable treatment options overseas to impoverished areas. I've also previously collaborated with writers from "Madam Secretary" on CBS and Phantom Four Films (responsible for the "Batman" and "Superman" film series) as a consultant, and wish to continue my relationship with the entertainment industry to create more realistic and engaging storylines in television and film.



29

BS fashion design '11

President and designer, Siloett

MARY ELLEN MCATEER

MY GREATEST ACCOMPLISHMENT:

My family's second-generation swimwear business "Swim by Chuck Handy" was struggling in an industry full of big players. Knowing our finances were tight, I worked a full-time corporate technical design job during the day, and worked for the family business in the evening. While the family business successfully captured a niche position in the missy and plus contemporary swim market, we were battling crippling interest rates. Our luck finally changed when celebrity entrepreneur and TV host of "The Profit" Marcus Lemonis invested in our business. To test us under pressure, each of us were given a task. My 21-day

challenge was to design, pattern and produce eight brand extensions that would be the focus of the company's new launch. After countless long days, calling in every favor with domestic and overseas factories, I debuted a collection of products ranging from swimwear and cover-ups, to sundresses, beach bags, sun hats, boat shoes and more. The cornerstone of our new brand's identity is body positivity and size inclusivity for sizes 2 to 26. My idea behind the collection was to design for someone like myself, who wants a vacation-ready wardrobe that looks like the perfect combination of both curated and effortless style. Impressed with my vision

for the company, design aesthetic, organization and professionalism, Lemonis promoted me to full-time president and designer of the rebranded company, Siloett. Siloett now has healthy business-to-consumer and business-to-business sales; multiple articles in *WWD* and *California Apparel News*; and two showrooms, one in the New Mart Building in Los Angeles and one on Park Avenue in New York.

HOW DREXEL HELPED: Thanks to my professors, I felt confident entering the fashion industry. Learning from these experienced design professionals, I knew what to expect in such a fast-paced industry and was well prepared to handle any task thrown my way.

MY HOPE FOR THE FUTURE: I can't wait to see more women in positions of power in the fashion industry. I want to do whatever I can to help create an encouraging environment for women who are poised to take on more dominant roles in the workplace.

31

BS biology '07

Chief counsel, U.S. Senator Ted Cruz



Prerak Shah

MY GREATEST ACCOMPLISHMENT It would be an understatement to say that a lot is happening in Washington, D.C., right now. In that sense, this job has been the greatest accomplishment of my career (so far). Having the opportunity to work with Senator Ted Cruz on many of the most important issues facing our country today has been both exhilarating and humbling.

HOW DREXEL HELPED My job touches on issues spanning innumerable subject areas. One of the ways in which Drexel helped give me a strong foundation for my current position was the freedom the university offered to pursue my own plan of study. Although I was a biology major, I also pursued multiple minors and filled my schedule with countless other classes in disparate subject matters. That diversity of education and experience has proven invaluable in dealing with all the issues that come before the U.S. Senate these days.

MY HOPE FOR THE FUTURE Whether it's in government or out, I hope I will continue to have an opportunity to serve the public — and that I can look back on my time in the Senate and say that I was able to, in some tangible way, make things better.



ELAN VINOKUROV

31

BS sport management '10

President and owner, EV Hoops & Scout U

MY GREATEST ACCOMPLISHMENT:

Creating EV Hoops, a basketball scouting and consulting service that works with National Basketball Association (NBA) teams on their draft. We've been in existence since 2013 and have rapidly grown to become the best draft consulting service in the world. The trust and relationship we have with the NBA takes time, hard work and guts to earn. And we never, ever take it for granted.

MY HOPE FOR THE FUTURE:

Obviously running an NBA team is an ideal goal and is something that will always be on my radar. But in the meantime, I want to create new jobs and continue teaching and developing. Every single day I think about how my business can grow and evolve not only one year from now, but five to 10 years from now. I want to revolutionize how the draft is covered, while developing the next generation of draft evaluators as well.



24

BS, neurochemistry '17
(Custom-Designed Major)

Tucker Collins

College of Medicine graduate student Tucker Collins' interest in neuroscience isn't merely academic...he is also on the autism spectrum.

Tucker Collins transferred to Drexel after one year at Georgetown University in search of a stronger science program; but he found something even more important: A growing awareness of himself as a person with Asperger's Syndrome.

Asperger's is a high-functioning variant of autism spectrum disorder, which includes a range of conditions around social skills, repetitive behaviors, speech and nonverbal communication. The disorder "fundamentally alters individuals' abilities to interact and communicate," according to the A.J. Drexel Autism Institute.

Despite the challenges, Tucker thrived in his Drexel years, graduating *summa cum laude* with a degree in neurochemistry from the Custom Design Major Program run by the Pennoni Honors College, while also taking on a role as an energetic advocate for the autism community.

Academic life was not without its hurdles. "My challenge is with writing. I take tests very well so I have never gotten disability accommodation, but it's harder to put words together to make sense, to get the idea out of my head and onto a computer screen," he says. "I will word something one way and then go back and rewrite many times over, which ends up making things take a lot more time."

In meeting such challenges, Tucker found support outside of his biological family through a unique relationship. When he was 17, he met Amber Dorko Stopper and Benjamin Levin and their children through a babysitting job. Stopper's father also had Asperger's and when she realized that Tucker had never been diagnosed or treated, much less understood by his biological family, she and her husband began helping him to learn more about the condition.

When he transferred to Drexel, the couple was able to assist him with key decisions through the Family Education Rights and Privacy Act, which permits students to share information with designated support persons other than parents, and they invited him to move in with them while he attended college.

GREATEST ACCOMPLISHMENT:

Leading product and engineering teams at world-class tech companies including Uber, Amazon and Microsoft. I've owned the planning and execution of several high-profile product releases for Uber Central, Amazon Prime Music and MSN. I've been awarded a U.S. patent for an invention around streaming media content. At Uber, I've been able to grow my engineering team 5x while building a great team culture. Sharing my learnings is a priority, and I'm also a mentor to other technical managers through a formal mentor network as well as an adviser for two growing tech startups.

HOW DREXEL HELPED: The Drexel

MBA taught me how to analyze market opportunities and create a product strategy. Alongside that, I also learned the hands-on skills to lead a team and execute against that vision efficiently.

MY HOPE FOR THE FUTURE:

Intelligence and machine learning are going to make our lives more convenient and connected than we ever thought possible. As technology continues to evolve, humans will find new ways to work and interact. I plan to be an integral part of that change by taking all I've learned from the amazing companies I've worked at along with my Drexel education and apply it to an area that will have a positive impact on our world's future.



CHRIS BEE

38
MBA '06

Senior engineering manager, Uber

29

BS business administration '10

Head of HR Advisory, Global Strategic Alliances, SAP

Corina Lam

MY GREATEST ACCOMPLISHMENT:

I have had amazing opportunities in the short seven years since my graduation. I have been able to work for the CEO of SAP, executing the strategy and vision for more than 85,000 employees, become the chief of staff of SAP's global partner operations managing over 13,500 companies in our ecosystem, travel around the world, work with board members to make decisions, and manage demanding projects and intense situations. Throughout all the exciting opportunities that have required my full-time commitment, my greatest accomplishment up to this day is to live in the moment, prioritize what truly matters and keep family first.

HOW DREXEL HELPED:

Drexel gave me the opportunity to learn, experiment and understand different cultures, especially in the corporate world. I transferred in from another school, as I had originally wanted to be a pharmacist. I can confidently say that transferring to Drexel and going through the co-op program was one of the best decisions I ever made (next to marrying my husband, who also went to Drexel). To give back to Drexel, I am also now on the executive committee of the Drexel Alumni Board of Governors and just started my executive MBA.

MY HOPE FOR THE FUTURE:

I'd like to find time to volunteer with a nonprofit and create a program for children in the city to explore nature, or work on building up an organization for a meaningful cause. Many children are preoccupied with their devices and often miss the beauty around them, so I would like to create a program for them in the city to spend time outdoors, such as planting fruits and vegetables in a garden or going to the park.



JEFF FUSCO



KRISTOPHER RADDER

31

MS nonprofit arts administration '15

Juggler, Cirque du Soleil "Totem"

Thomas Wall

MY GREATEST ACCOMPLISHMENT: I've performed in cabarets and theaters across North America, as well as in a women's hospital in Ethiopia, smokey bars with the Hellzapoppin Sideshow Revue, alongside the Rockettes at New York City's Radio City Music Hall, in circus tents in Australia and New Zealand, and in crumbling venues in Latvia. In 2014, I caught the eye of Cirque du Soleil and was hired to fill in for an injured juggler on a temporary basis. Three years later, I was signed on as a permanent feature on the show "Totem." This summer, I was invited by the Smithsonian Institution to perform at the 50th annual Folklife Festival, presenting my show about the history of juggling on the National Mall. It was a huge honor, representing my entire field on behalf of America's museum.

MY GREATEST ACCOMPLISHMENT: My Mac Mart food truck debuted on the streets of University City in winter 2013. Without much experience running my own business, let alone a food truck, I knew there were some kinks to work out, but I was determined to succeed. Shortly after opening, I brought on two people to complete my team: my sister Pamela and my boyfriend Garrett Jablonski. By combining my strong work ethic with my background in public relations, plus Pamela's love of all things culinary and Garrett's brawn for day-to-day operations, the bright pink truck became an instant hit at private affairs, night markets and food festivals. Catering for the likes of *Forbes*, Starr Events, Philadelphia Eagles, Philadelphia 76ers and Wawa executives, to name a few, Mac Mart built up quite a following. With a large social media presence and constantly selling out the famous mac and cheese, I figured it was high time to open a flagship storefront. After months of planning, Mac Mart opened in Rittenhouse Square in spring 2016. In 2018, Mac Mart will be opening a second shop at the University of Delaware and a handful of other

college campuses to follow. I also plan to enter into the gourmet foods e-commerce world selling trays of mac 'n cheese all around the country.

HOW DREXEL HELPED: Networking and professionalism. In a field where suits, handshakes and eye contact are not always recognized, Drexel taught me that no matter what situation or work environment I am in, those things matter and they make a difference. I have confidence when public speaking, I comfortably navigate a room to network and expand my work relationships, and I am *always* 10 minutes early! Professionalism is a huge part of what I took away from Drexel.

MY HOPE FOR THE FUTURE: I would like us to continue to grow while keeping the same values, quality and customer-service standards we started with on our food truck — after all, that's what got us here! We are also working on ways to get our mac 'n cheese creations shipped nationwide for others to be able to get their mac on even if they can't make it to Philadelphia and Delaware, so stay tuned for that!

28

BS communications '11

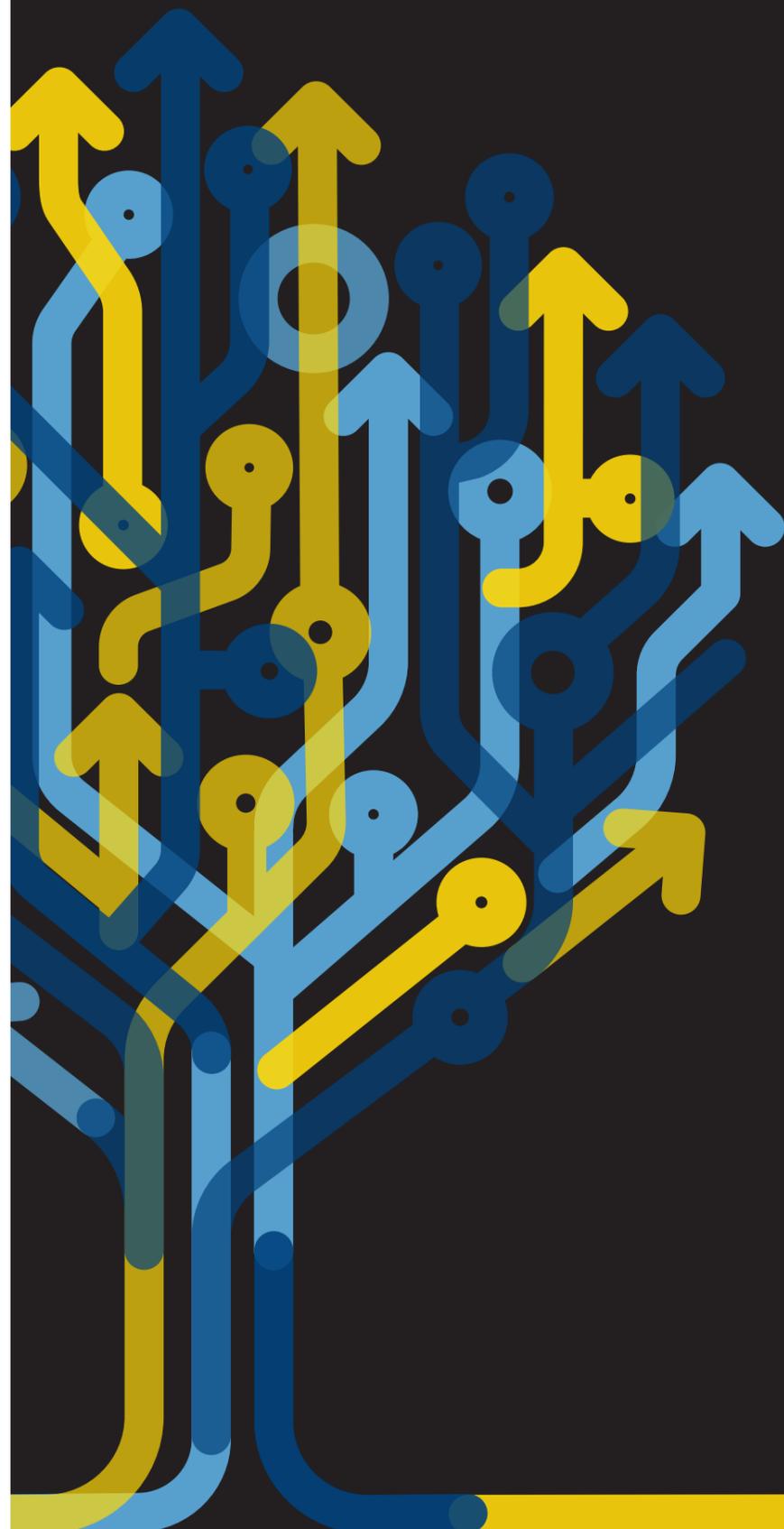
Owner, Mac Mart Mac 'n Cheesery (two restaurant locations and a food truck in Philadelphia and Newark, Delaware)



MARTI LIEBERMAN

HOW DREXEL HELPED: My decision to enroll at Drexel came after spending four years on the International Jugglers' Association's (IJA) board of directors. There, I realized how important it was for arts organizations to have strong administrators. My time at Drexel taught me all kinds of lessons — balancing the books, strategic planning and public relations. Learning to market in the arts is invaluable — beyond my work with the IJA, this education has helped me produce and promote my own shows and others'. Since graduating, I've also started work as a consultant to other performers and nonprofit arts groups.

MY HOPE FOR THE FUTURE: With the closing of Ringling Brothers and Barnum & Bailey and the near-collapse of the Big Apple Circus, you might think the American tradition of circus is in trouble. However, the circus arts are experiencing an incredible rejuvenation. New schools and studios are opening all over the country, and appreciation for the art is slowly growing. I'm excited to play a role — however small it may be — in the development of young performers' careers and in educating the public about the craft of juggling through my own work.



The future is a place we make.

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THE FUTURE IS A PLACE WE MAKE.

THE CAMPAIGN FOR DREXEL



A Shot of Saxbys Management

Stop by either Saxbys café on Drexel's campus and you'll see coffee shops run top to bottom by college students — the product of an experiential learning partnership pioneered at Drexel with Saxbys.

By Ben Seal

A little summer cash. It's the usual reason college students take gigs as baristas, and Dan Kinsinger was no different. But he got a lot more than he bargained for when he applied for a part-time job pulling espresso shots for his classmates at the Saxbys café at 34th Street and Lancaster Avenue in 2015.

He didn't know much about Saxbys then — nothing about its one-of-a-kind experiential learning program, nor that it employed an all-student staff tasked with full responsibility for marketing, inventory, personnel and profits.

He sure does now, though.

Saxbys' 34th Street café was the company's first location run by students, through a one-of-a-kind partnership with Drexel that allows student employees to earn co-op credits. After starting as a barista, Kinsinger spent his first six-month co-op overseeing operations as a student café executive officer, the top leadership role in the café. Two years since he first joined the company, he's in the midst of a second co-op supervising other student CEOs in cafés across Philadelphia.

And he's just a junior.

"Having the opportunity to run your own business while still an undergrad is something you can't learn in a classroom," Kinsinger says.



Interested in having Close School of Entrepreneurship faculty come to your company to conduct a mini-course on the best research on talent development? Contact Damian Salas, assistant dean, Close School of Entrepreneurship: 215.895.2335.

"There's nothing an accounting or business class could have done to prepare me as well as actually running a business in the real world. It's a do-or-die thing."

When the 34th Street café opened in April 2015, Saxbys CEO Nick Bayer had the idea to use it as a way for students to broaden their business skills in an attractive, comfortable setting. He pitched it to BaseCamp Ventures Managing Partner Mel Baiada '82, '85, a Drexel trustee and benefactor, and Baiada put him in touch with President John Fry, who saw it as an ideal extension of the University's cooperative-education mission — a kind of "co-op on steroids," Fry calls it.

At the two locations on Drexel's campus, students fill every position and complete every task. They make every drink, analyze and present every profit-and-loss report, organize every team meeting, plan every marketing push and schedule every event.

"We're teaching the building blocks that young professionals need to be difference makers in whatever career they go into," Bayer says. "It's a great business to be able to teach those things, and Drexel has seen this as much more than a coffee shop. John [Fry] saw it on Day One when I pitched this. He said this is an academic partnership, not a food-and-beverage partnership. He saw the potential before I saw it."

Saxbys now has four student-run cafés; in addition to the 34th Street Café and the one in Drexel's Papadakis Integrated Sciences Building at 33rd and Chestnut streets, there is one at Temple University and another at Millersville University, an hour and a half west of Philadelphia. A fifth will open this spring at La Salle University. Starting this spring, Drexel's Close School of Entrepreneurship will begin offering a suite of courses that integrate Saxbys talent initiatives with leading entrepreneurial research to students working at Saxbys.

To date, 14 Dragons have served a co-op with Saxbys, coming from majors as disparate as legal studies, engineering and culinary science. Seven of those co-ops have been café executive officers, along with others in product development, marketing and operations, and accounting.

Altogether, counting both co-op students and regular employees, Saxbys has hired 58 Drexel students and alumni. Students have accounted for more than \$500,000 in payroll since the first café opened on campus three years ago. Three members of the class of 2017 joined Saxbys' corporate management staff in Center City full-time after graduation.

"I'm not sure there's a better résumé builder for an undergrad," Bayer says. "Regardless of the industry you go into, the ability to be entrepreneurial, manage people and take responsibility for something as large and challenging as a café is a life-changing opportunity."

The idea for an educational relationship between Drexel and Saxbys bloomed just as the coffee company was undergoing a radical transformation that began in 2012. Saxbys had been selling franchises since 2005, but brand cohesion had suffered, Bayer believed. When the company was purchased by a private-equity firm and reorganized, he saw a chance to reorient around a culture- and community-driven ethos — not unlike the one Fry has brought to the University.

Bayer had the company's new mission statement, "Make Life Better," painted on a wall alongside six core values in Saxbys' airy headquarters and went to work acting on those words. The company bought out most franchisees and set about reinventing itself.

"With its community-focused ideals, Saxbys is the perfect partner for Drexel — a company that knows how to nurture and mentor young

"Regardless of the industry you go into, the ability to be entrepreneurial, manage people and take responsibility for something as large and challenging as a café is a life-changing opportunity." — Nick Bayer

professionals who understand the imperative for businesses to give back, as well as earn a profit," Fry says.

Student employees helped the company achieve its new goal of turning cafés into hives of community, where the people behind the counter aren't just baristas, they're neighbors, classmates, friends.

"It creates a super unique culture that you can't really mimic in any other way," Kinsinger says of the decision to hand the reins to

students. "It's a crazy balance. You're learning how to run a business yourself, as a 19- or 20-year-old in charge of an incredibly successful business, but at the same time you're working with all your friends, so it doesn't feel like work."

"When I first applied for this co-op I thought, 'How can 20-year-olds run a café?'" recalls Christina Sokolowski, a hospitality management major.

In time, she learned that she was truly free to chart her own path, no training wheels needed — and she now runs Saxbys 34th Street café.

Jhanvee Patel, a junior studying biological sciences who started as a part-time barista and has since risen to be an operations specialist overseeing new team development, says Saxbys' culture is key to empowering student employees. Everyone, from baristas to student CEOs, is invited to share ideas or seek advice from the company's headquarters.

"It's really cool that as a 20-year-old at Drexel, I can go up to the CEO of a huge company and do that," Patel says. "That filters down through all the different levels in the business."

Bayer asks co-ops to focus on team development, community building and financial management — which the company calls the three pillars of business. Given the complicated nature of supervising your sorority sister, or your best friend, or the baristas who started working at the café before you even applied to take it over, the first part is often the hardest.

Navigating through that potential thicket was a challenge for Sokolowski when she took over at 34th Street in April, but she says she's developed into a better listener and communicator as a result.

"You need to have grit," Sokolowski says. "You have to have this tough outer layer, but to have that you should have a great support system you can fall back on."

And who better to guide a Drexel student through the rigors of running a business than a fellow Dragon? Sokolowski says that as she has grown personally and professionally, the experience has become far more than a job.

"It's something I can see myself doing for the rest of my life," she says.



Jhanvee Patel, Dan Kinsinger and Christina Sokolowski began working at Saxbys as baristas before moving into leadership roles, where they are now hiring and training others.

Dragons for the Greater Good

A flashlight that uses “clean” energy to light up a village. A device that empowers women and keeps them safe. An app that connects educators with the books they need. These are all products created by Drexel alumni who fused their education and experiences with their desire to do good. We celebrate our Dragons who — one innovation at a time — are making the future a better place. — Lara Geragi



John Lafferty
BS operations
management '87

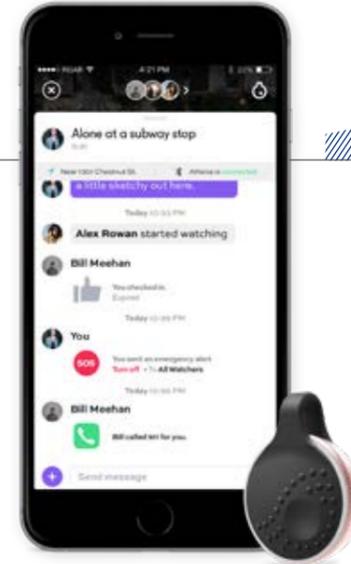
CellMyLight

A 2009 mission trip to Liberia in West Africa inspired John Lafferty to invent a product to help villagers who were struggling without electricity and who depended on cell phones to communicate. Lafferty created the CellMyLight flashlight, which used clean and abundant solar power to produce enough light to illuminate huts and charge small devices. What's more, villagers who owned these flashlights became entrepreneurs, selling their lights' recharging capabilities to their neighbors for a small fee. "Helping people has always been my business philosophy," he says. "These people really touched my heart. I knew I needed to solve their lighting problem as well as find a way for them to charge their phones." Over the years, CellMyLight has been updated with additional features, and it is now sold all over the world.

- The CellMyLight flashlight can be charged from the sun or electrical outlets.
- It has several settings: high beam light, low beam light, strobe light, SOS signal light and map light.
- It can charge a cell phone or other devices like a GPS or an iPad.
- The light includes a USB port.
- The self-contained solar panel can be recharged thousands of times and stays fully charged for up to 8 hours.
- The flashlight is waterproof, drop proof and it will continue to work, even if you break a portion of the solar panel.
- A portion of the proceeds go toward educational programs in the United States and abroad.



Anthony Gold
BS electrical
engineering '88



ROAR for Good

Anthony Gold, social entrepreneur, co-founder and COO of ROAR for Good, described the moment that opened his eyes to the safety and harassment issues that women face every day. Gold was walking in Philadelphia with his friend Yasmine Mustafa when he unknowingly witnessed a woman in a potentially dangerous situation. "Yasmine could immediately tell the woman was in an uncomfortable environment and she intervened to help," says Gold. "It made me realize that I have little idea what women deal with on a daily basis. And I no longer wanted to be part of the problem; I wanted to be part of the solution." Gold and Mustafa went on to create ROAR for Good, a company that develops wearable devices to help reduce assaults and empower women. Their ultimate vision is to help transform society enough to make wearable safety devices, like their Athena device, obsolete.

- The Athena wearable safety device can emit an audible 95 decibel alert and send your GPS location to emergency contacts.
- The ROAR personal safety mobile app also allows you to set a status, for example "going out for a run," and enable your friends or loved ones to watch over you in real time and request you to check-in with them.
- Your emergency contacts can contact the 911 call center closest to your location, not theirs.
- For each device sold, the company contributes part of the proceeds to organizations that are teaching youth about empathy, respect and healthy relationships.

CROSS ROADS



Katie Palencsar
MS science of
instruction '08



Artifact

As a teacher, Katie Palencsar experienced firsthand how difficult it was to find books that met the specific needs of her students. Her solution? To create the Artifact app, a place where teachers, librarians, publishers and book lovers alike can search, browse a catalog and discover content in a fast and easy way. "A teacher's job is already difficult," says Palencsar. "Our main goal with Artifact is to be a central resource for the education market to provide information about the content that teachers really need." There are many features of the app, but its essential function is to organize books based on identified topics, themes, educational characteristics, literary elements and teaching standards. The company was acquired by Certica Solutions, which Palencsar says will allow it to continue to grow and better serve its users.

- The Artifact app is a Web-based searchable database of books which are categorized by tags, called artifacts, that identify the themes and literary elements within the book.
- Users use artifacts to see what's contained in books and get faster, easier access to the ones that meet their needs.
- Artifacts can also be used to facilitate reading or discussion guides, or support pre-or-post reading activities.
- Publishers and distributors use the data and search capabilities to better serve clients like libraries and schools.

ANNIVERSARY

50 Years Together



Carolyn Blair Wysocki, BS interior design '66, and Joseph Wysocki, BS interior design '66, recently celebrated their 50th wedding anniversary with 100 people, including 12 Drexel family members and class members. Joseph retired from the USDA in 2010 and the two Dragons currently live in Amissville, Virginia. From left to right: **Thomas Kamieniecki '68, Joseph Wysocki '66, Carolyn Blair Wysocki '66, Linda Kosek Daly '66, Robert Daly '66, Susan Haag McLaughlin '66, Thomas Godonis '72, Diane Doto Bieri '66, Anthony Godonis '04, Anthony Godonis '68 and '71, Helen Chain Godonis '68, Dominick DiGioia BS '10 and '11, William Stanczak '78 and John Spitko, BS '69 and MS '72.**

60s

Stewart Weintraub, BS business administration '68, was named to the 2018 edition of *The Best Lawyers in America*.

70s

Sheila Cronin, MCAT creative arts '74, authored the book "Best of All Gifts," the sequel to her award-winning novel, "The Gift Counselor."

Roseann Termini, BS human behavior and development '75, served as the conference director for the "Opiates, Botox and More

Matters FDA" program at the 7th Annual Food and Drug Law CLE.

Richard Tobin, MBA business administration '73, joined the board of trustees for the Shedd Aquarium.

80s

Martin Belisario, BS mechanical engineering '85, was named to the 2018 edition of *The Best Lawyers in America*.

Robert Delany, BS accounting '89, MS finance '96, was named 2017 CFO of the Year for the 17-county Greater Philadelphia Metropolitan

Statistical Area by *Philadelphia Business Journal*.

Randall Gurak, MD medicine '86, was elected president of the New Jersey Psychiatric Association, a district branch of the American Psychiatric Association.

Linda Kerns, BS dietetics '89, received the 2017 Betty Murphy Award from the Republican National Lawyers Association at the National Press Club in Washington, D.C.

Stefanie Porges, MD medicine '88, was reappointed to the Pennsylvania Disciplinary Board by the

Supreme Court of Pennsylvania.

Daniel Zitomer, BS civil engineering '88, was selected as a 2017 Water Environment Federation Fellow for his significant work in preserving and enhancing the global water environment.

90s

David Filipe, BS mechanical engineering '90, MS '92, was appointed vice president, powertrain engineering for Ford Motor Co.

Gina Furia Rubel, BS corporate communication '91, presented "Social Media Policies for Municipalities" to the Montgomery County Boroughs Association and presented "Business Development Differentiation Done Right" at the Legal Marketing Association Northeast Region annual conference in Philadelphia.

David J. Glass, PhD law-psychology '97, was added to the name of his law firm, now known as Enenstein Pham & Glass.

Robert Hutchison, BS architectural engineering '90, received the Rome Prize Fellowship and spent six months at the American Academy in Rome where he focused his time executing the architectural installation "Decorated Shed" and developing designs for his "Memory Houses" exhibit.

Michael Prendergast, MBA business administration '91, was elected president of RMA Philadelphia, an association of over 500 commercial bankers and risk professionals in the greater Philadelphia region.

James Maloney, BS civil engineering '98, MS engineering management '04, was named a 2017 Emerging Leader in Bucks and Eastern Montgomery Counties by *The Bucks County Courier Times*, *The Intelligencer* and Central Bucks Family YMCA.

SNAPSHOT



Flying Dragons

Drexel alumni from the Naval Air Warfare Center Aircraft Division (NAWCAD) Lakehurst gathered for a photo at Joint Base McGuire-Dix-Lakehurst, New Jersey, on Oct. 30, 2017. The employees pictured represent two generations of Drexel graduating classes, ranging from 1975 to 2017, and work in various career fields including science, engineering, business, logistics, corporate

operations and more. NAWCAD Lakehurst is the Navy's engineering support activity for Aircraft Launch and Recovery Equipment and Naval Aviation Support Equipment, and is responsible for maintaining fleet support and infusing modern technology across the entire spectrum of equipment needed to launch, land and maintain aircraft from ships at sea.

John Simmons, BS electrical engineering '92, attended the International Trademark Association conference in Barcelona. He was also named to the 2018 edition of *The Best Lawyers in America*.

Glenn Stambo, MD medicine '91, published an article in the peer-reviewed journal, *Hepatoma Research*.

Penny Zenker, BS accounting '92, presented a TEDx talk titled, "The Energy of Thought."

00s

Gregory Benjamin, MPH community health and prevention '06, was named director of institutional

research and assessment at Salus University.

Maury Donahue Cronin, BS communications '04, was named in *PRWeek's* 2017 40 Under 40 list.

Jamie Doran, BA architecture '07, was promoted to partner at the architecture firm JacobsWyper Architects.

Rachel Longstaff, MS library and information science '00, authored the book "In the Shadow of the Dragon's Back: A Young American Girl in South Africa During the Early Years of Apartheid."

10s

John Corcoran, JD law '13, and Trevor Serine, JD law '13, released an album with their band, All this Huxley. They were also featured in an article published in the Delaware County Bar Association's *Delco Review*, that highlights their lives as lawyers, business owners and touring musicians.

Emily Denisco, JD law '17, joined Volpe and Koenig P.C., an intellectual property law firm, as a technical advisor.

Caitlin Ellis Frazier, MS educational administration '15, founded Radish Early Learning, a company special-

izing in educational curriculum and resources that strives to help modernize and simplify early learning.

Michael Melvin, MBA business administration '13, was selected to the 2017 *Philadelphia Business Journal* 40 Under 40 class.

Kevin Miller, MS information systems '10, had his first online course, "Communication for ITIL Practitioner," published via Pluralsight.

Mark Tribbitt, PhD business administration '12, was appointed to academic director for the full-time MBA program at Pepperdine Graziadio School of Business and Management.

GLOBAL NIGHT OF NETWORKING

One Day. Twenty-Five Cities. Hundreds of Dragons

No matter where they are, alumni are always close to Drexel. That's what over 700 Dragons in 25 cities proved during the 7th Annual Global Night of Networking on Sept. 13. Alumni all over the world came together to reunite with old classmates, make new connections and celebrate their Drexel pride at local happy hours and through online networking sessions. Thank you to all the volunteers who made the day possible and to everyone who joined in the fun, either in person or online.



PHILADELPHIA



LOS ANGELES



NEW YORK CITY

A big shout out goes to the GNN All Stars with the highest attendance:

BY CLASS:
Class of 2017

BY COLLEGE:
LeBow College of Business

ONLINE SESSION:
Career Advising with the Steinbright Career Development Center

Words of Wisdom

A Drexel education teaches you much more than what you'll find in a textbook or a classroom. To gear up for GNN, alumni shared some of their most valuable words of wisdom with one another and with current Drexel students.

"While your studies are a critical part of why you're going to Drexel, don't forget to take time to explore all that Philadelphia has to offer! Life is all about balance!"

JOE DILLON, BS '91

"Network sooner rather than later."

DEVON POPE, JD '15

"Your time at Drexel is what you make of it. There are infinite opportunities available to you, but whether or not you take advantage of them will determine your personal growth and success. Go get 'em Dragons!"

LAUREN PATTERSON, MBA '10

BABY DRAGONS



Timothy Annett, BS finance '94, MBA business administration '05, and Lisa DiRisio, BS human resources management '97, had a son, Keaton Aloysius Annett, on July 27, 2017.



Derrick Jacobus, BS emergency medical services '06, and Jessica Jacobus MSN, nursing '15, had a son, Julian Jacobus, on Feb. 19, 2017.

WEDDINGS



Dominic De Angelo, BS biological sciences '11, and Rachel Schiller, BA architecture '13, were married on Oct. 21, 2017.

5.1.18

24 Hours of Impact

drexel.edu/24



You Spoke. We Listened.

Thank you to all the alumni who responded to the 2017 Alumni Attitudinal Survey. The purpose of the survey was to find out how alumni like you feel about your Drexel experience and to identify new opportunities to strengthen your connections to the University and to one another. After sifting through all the data, a few key themes rose to the top.

You're looking for opportunities for meaningful interaction with students.

Connecting alumni and students is one of the University's priorities, too. Moving forward, we plan to offer more opportunities like the ones listed below that strengthen our alumni-to-student network.

- Co-op students are often invited to attend alumni networking events taking place in different regions.
- Mentor programs, like the one that pairs full-time MBA students with members of the LeBow College of Business network, allow alumni to share their experiences and advice.
- Twice a year, Steinbright hosts a career fair on campus where potential employers meet students looking for co-op or full-time positions.
- Résumé critique days, life skills workshops and speed networking events are hosted by the Office of Alumni Relations, Steinbright and Drexel's colleges and schools year round.

For more information, contact the Office of Alumni Relations at alumni@drexel.edu or 1.888.DU.GRADS.

You want more services to support career and professional development.

Starting this spring, look for more programming including new in-person and online networking events and workshops. Networking groups based on professional affinity where alumni can meet one another and make connections within their industry are becoming more and more popular. Several of these volunteer-led groups currently exist with plans to start even more in the future.

A collection of professional development resources is a click away on the Alumni Career Services page of the Drexel Alumni website. Use it to find:

- Upcoming Alumni Career Service events.
- A list of the job search resources provided by Drexel's colleges and schools and the Steinbright Career Development Center like career fairs, one-on-one career counseling sessions and job skills workshops.

Visit drexel.edu/alumni/events/acs for more info.

You want to be in the know.

You can expect to see more stories about Drexel ranking and accomplishments, as well as student and alumni success stories. Social media will feature more opportunities for interaction between alumni including contests, newsworthy information sharing and conversation starters. Our goal is to make it easy for you to stay connected to your alma mater and to find out how to get involved with Drexel in a way that is most meaningful to you.

Make sure Drexel has your up-to-date contact information by sending it to the Office of Alumni Relations at alumni@drexel.edu.

DON'T MISS A SINGLE POST, PHOTO OR TWEET!

Connect with fellow alumni, students and the University on our social networks.

 [facebook.com/drexelalumni](https://www.facebook.com/drexelalumni)

 "Drexel Alumni Networking Group"

 twitter.com/drexelalumni

 [Instagram.com/drexelalumni](https://www.instagram.com/drexelalumni)

 [flickr.com/photos/drexelalumni](https://www.flickr.com/photos/drexelalumni)



Friends We'll Miss

1930s

Raymond Babiarz, BS chemical engineering '39
Dorothy Barger Fryer, RN nursing '39
Louise Heyne Parkinson, DC nursing '35
Christine Moore Morris, BS home economics '38
June Moore Spielman, BS home economics '38
William Rumberger, DC electrical engineering '36

1940s

Andy Andrews, BS mechanical engineering '48
Lowell Bingham, DC mechanical engineering '47
Jane Boedker Guest, RN nursing '48
John Brientnall, DC mechanical engineering '41
Robert Broslow, BS civil engineering '47
Barbara Brown Ferguson, RN nursing '49
Irma Calvert West, MD medicine '47
Marcia Chambeas Herrick, DC secretarial '47
Walter Corrigan, MD medicine '48
Samuel Davis, BS mechanical engineering '47
Ethel Davis Dorfman, DC library science '47
Margaret Dewitt Willis, DC secretarial '48

Thomas Disharoon, BS business administration '47
Rocco DiTaranto, BS mechanical engineering '47
Lucille Eddy Deckman, BS home economics '41
Blanche Eisenberg Lieberman, BS home economics '43
John Fittipoldi, MD medicine '46
Agnes Frey, MS library science '48
Edith Grand Flessner, BS home economics '45, MS '46
Thomas Hale, MD medicine '43
Rosemary Hottinger Deily, RN nursing '48
Margaret Irwin Rambo, DC secretarial '47
Edward Ksiazek, BS electrical engineering '42
Puzant Levonian, BS electrical engineering '49
Frances Magazu Greene, RN nursing '42

Mary Mcbratney Maisenhelder, BS home economics '42
Mary McCaughan Murry, RN nursing '46
Mary McCrea Phy, RN nursing '49
Alan Moore, DC electrical engineering '48, BS '53
Walter Merkh, DC mechanical engineering '49, BS '54
Robert Neuman, BS chemical engineering '43
Wayne Owens, BS business administration '48
Josephine Papa DiStefano, BS business teacher education '48
Dolores Pikunas Falkenstein, RN nursing '40
Margaret Rauback Belutty, RN nursing '48
Alma Reeps Ray, RN nursing '40
Lewis Seaman, BS electrical engineering '47
Maurice Seisler, BS electrical engineering '48
Guy Sewell, MD medicine '46
Arthur Stephenson, DC architecture '40
Charles Sweetman, BS electrical engineering '44
Hugh Winter, BS mechanical engineering '49
Margaret Wolf Smith, DC junior secretarial '47

1950s

Marion Arnold Steen, BS home economics '52
Margaret Baldwin Thamm, MS library science '53
William Bauer, BS electrical engineering '55
Carl Baumert, BS civil engineering '51
Francis Beane, BS electrical engineering '54
George Becker, MD medicine '54
Frank Bina, BS business administration '53
O. Nelson Bowen, MS electrical engineering '57
Domenick Cane, BS mechanical engineering '57, MS '61
Marilyn Cannon-Guzzo, MD medicine '52
Clarence Carter, MBA business administration '56
James Cunnion, DC chemical engineering '58, BS '60
Thomas Dowd, MD medicine '55
Beatrice Duncan Kirk, BS business teacher education '54
Marion Farlin, MD medicine '59
James Fitzpatrick, BS civil engineering '55

Joseph Fortescue, BS chemical engineering '51
Alfonso Fungaroli, BS civil engineering '54
Anne Girvin Farris, MS library science '54
Betty Gorman, MD medicine '56
John Grant, DC chemical engineering '55
Marita Graves LaBeach, RN nursing '55
Robert Griffen, MD medicine '53
Robert Hadden, BS business administration '59
Ellen Haden Musselman, BS home economics '57
Ronald Hatton, DC electrical engineering '55, BS '57
Richard Hedges, BS mechanical engineering '55
Norma Hedrick Mortimer, BS home economics '56, MS '82
Maynard Herman, DC chemical engineering '56, BS '58
Robert Howell, DC business administration '54
Katherine Irwin Graham, BS business teacher education '50
Walter Johnson, BS electrical engineering '56
Renate Justin, MD medicine '51
Muriel Kaiser Small, BS home economics '54
Paul Koons, BS business administration '52
Evelyn Krause Sederes, RN nursing '55
Jeanne Lamb Voorhees, RN nursing '51
Thomas Leahy, BS mechanical engineering '55
June McCarty, BS retail management '53
William McFarland, BS business administration '54
Doris McNutt Goucher, BS home economics '51
Leslie Ming, BS electrical engineering '57, MS '61
Robert Naughten, MD medicine '59
William Nolan, BS electrical engineering '57
Joseph Olivia, MD medicine '55
Robert Ortlip, BS business administration '58
M. Pearce, MD medicine '55
Joseph Pirollo, DC electrical engineering '54, BS '56
Charles Rauchfuss, BS mechanical engineering '58
Barbara Robinson Stephans, DC secretarial '52
Earl Russell, DC civil engineering '53, BS '56

Mary Saienni, DC home economics '51
Janice Santarelli Forconi, BS home economics '53
Karl Schaeffer, BS business administration '54
Charles Slomeana, BS mechanical engineering '53
Thomas Spreeman, BS business administration '55
John Storz, MS mechanical engineering '58
Rens Swan, BS mechanical engineering '50
Robert Thomas, BS business administration '57
Daniel Townsend, MS physics and atmospheric science '57
Elsie Tytla-Claypool, MD medicine '51
Hiram Vrooman, BS mechanical engineering '56
M. Wachs, BS mechanical engineering '59
John Welsh, MD medicine '56
Jacqueline Zimmerman Bowser, RN nursing '56

1960s

Clifford Buckley, MD medicine '62
Joseph Carter, MD medicine '62
Franklin Cattell, BS electrical engineering '65
Edward Chupein, BS electrical engineering '63
James Cressman, BS biological sciences '68
Bernhard Deichmann, MBA business administration '64
Mary D'Orazio George, BS business for women '69
William Galyon, MS electrical engineering '62
Donel Ganz, MS electrical engineering '68
John Goedecke, MD medicine '60
Jean Gruhler, BS commerce and engineering '61
Charles Harvey, BS business administration '62
Michael Hill, BS mathematics '67
Elizabeth Holmes Harris, BS home economics '60
Mabel Holt, MS library science '65
Patrick Joy, BS mechanical engineering '66, MS '69
Anthony Juodis, BS chemical engineering '60
Stephen Kalstein, MD medicine '67
Valdis Karklis, BS business administration '60
Sandor Kovacs, BS mechanical engineering '68, MS environmental engineering '71, PhD '74

ALUMNI WEEKEND 2018

Thursday, May 17 to Saturday, May 19

Travel back to campus and back in time to relive your student days at Alumni Weekend. Experience the excitement and energy of Drexel today, and discover how students, faculty, staff and alumni are creating a better future.



See the full schedule online including:

- 50-Year Reunion Events for the Classes of 1968
 - Young Alumni Beer Hall
- College of Medicine All Alumni Reception
 - Family Fest at the Zoo
- Reunions for Drexel Couples and Legacy Families
 - 40 Under 40 Reception and Recognition
 - Drexel After Dark, and more!

Register at drexel.edu/alumni/weekend



#DrexelAW18

CROSS ROADS

FRIENDS WE'LL MISS

Anne Locke Grant, BS home economics '61, BS design '85
Robert MacMillan, BS mechanical engineering '63
Jerome Maddock, MS library science '69
Patricia Maishock Cilluffo, MD medicine '65
Rita McCartan Jezl, MS library science '63
Helen McCauley Helfrich, RN nursing '65
Ronald McElhaney, MS engineering management '67
Jon Melnyk, BS electrical engineering '65
Stanley Motyl, BS mechanical engineering '64
Joseph Narbus, BS electrical engineering '68
Bruce Noel, BS electrical engineering '64
Diane Palladino Bonchonsky, RN nursing '69
William Petsis, BS chemical engineering '62
Charles Pierce, BS electrical engineering '61, MBA business administration '68
John Pulizzi, MD medicine '61
S. Raynes, BS business administration '66
Walter Richmond, MS electrical engineering '62
Joseph Rothberg, MS engineering management '67
William Rumberger, BS civil engineering '63
James Scarlett, BS electrical engineering '69
Ronald Schaupp, MD medicine '60
Rosalie Seymour, RN nursing '64
Mark Sheppard, BS chemical engineering '69
Merlin Shuey, BS mechanical engineering '60
Floyd Steele, BS chemical engineering '63
Susan Sterner, MS library science '66
Steve Terebus, BS business administration '69
David Terry, BS mechanical engineering '61
William Thompson, BS electrical engineering '64
A. Torello, BS electrical engineering '60
Peter Vacca, BS mechanical engineering '66
Barbara Valulis Gotchel, BS chemistry '64
Charles Wallace, BS mechanical engineering '66
H. Ward, MD medicine '62

Edward Weimer, BS electrical engineering '63
Francis Wellock, MBA business administration '68
Joseph Wilkes, BS electrical engineering '57, MS '62
Randall Wrigley, BS electrical engineering '66
William Zimmerman, BS electrical engineering '65

1970s

Peggy Arbaugh Jones, BS design '74
Michael Barnes, MBA business administration '75
Roger Bergey, BS business administration '70
Valerie Brown Wright, MD medicine '77
Elizabeth Chernesky Goodchild, BS business for women '70, MBA business administration '73
Dana Clough, BS architecture '79
Robert Coward, BS civil engineering '70
James Crozier, MD medicine '74
John Detweiler, BS mechanical engineering '76
Richard Elliott, BS business administration '72
Robert Feldeisen, BS electrical engineering '72, MS '79
Roseann Gorey, MD medicine '73
William Hall, BS electrical engineering '75
J. Harrington, PhD materials engineering '71
Ronald Hays, MCAT creative arts '77
Gerard Heinz, BS accounting '75
Amy Lowenstein, MBA business administration '76
Paula Maguire Duncan, MD medicine '72
Deborah Montemuro Roberts, MS home economics '79
Joseph Norpel, MBA business administration '79
Nancy Padbury Fish, MS chemistry '71
Vincent Rossi, BS mechanical engineering '71
John Russell, MS library science '77
Edmond Speitel, BS civil engineering '78, MS engineering management '82
Virginia Stellmacher, MD medicine '72
Leslie Thompson, MS art therapy '71
Joseph Tribendis, BS metallurgical engineering '76
Joseph Yaksick, BS business administration '71

1980s

Jean Bishop Newland, MS library science '83
Mary Alice Clear, MCAT creative arts '82

Daniel Dattilio, BS mechanical engineering '83
Anthony D'Orazio, MS library and information science '88
Susan Foster, MS library science '80
Douglas Johnston, BS business teacher education '89, MS engineering management '92
Leslie Kaplan, BS home economics '81
Ross Kent, BS operations management '88
Marilyn Laufe, MFT family therapy '83
Susan McGrady, MBA business administration '82
Kirk Musselman, MD medicine '82
John Rottinger, BS mechanical engineering '84
Thomas Sheridan, BS commerce and engineering '81, MBA business administration '83
William Toms, MBA business administration '87
Brian Zwaan, MBA business administration '85

1990s

Alan Byles, BS marketing '90

Tammy Faulkner Nance, BS marketing '93
Neil Florio, MBA business administration '98
Howard Friedman, MS library and information science '95
Fannie Kelner, MFT family therapy '90
Moonjohn Kim, MD medicine '93
David Krassen, MS computer sciences '92

2000s

Christopher Esagro, BS general studies '08
Frank Johnson, MS library and information science '07
Carl Rivera, BS business administration '00

2010s

Katina Clayborn, MS project management '17
Andrew Green, BS marketing '14
Jeffrey Karch, MSN nursing '16
Andrea Messina, BS biological sciences '14
Andrei Visniec, BS business administration '11

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Crossword



THINK YOU'VE GOT ALL THE ANSWERS? If so, send your completed puzzle to the address at right to be entered into a drawing to win a great Drexel prize. The winner of the fall 2017 puzzle goes to Kristopher Ruth '11 of Abbottstown, Pennsylvania, who was among a handful of people who spotted two errors introduced at the layout stage: 65 Down should have been numbered 66, and the clue for 1 Down was repeated from 71 Across. Oops!

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OVER 140 ONLINE PROGRAMS / BACHELOR'S / MASTER'S / DOCTORATE / CERTIFICATE

FUTURE MAKERS

For the keys to solving this edition's puzzle, look no further than the newest generation of alumni working to make the world a healthier, smarter, safer and more creative place.

ACROSS

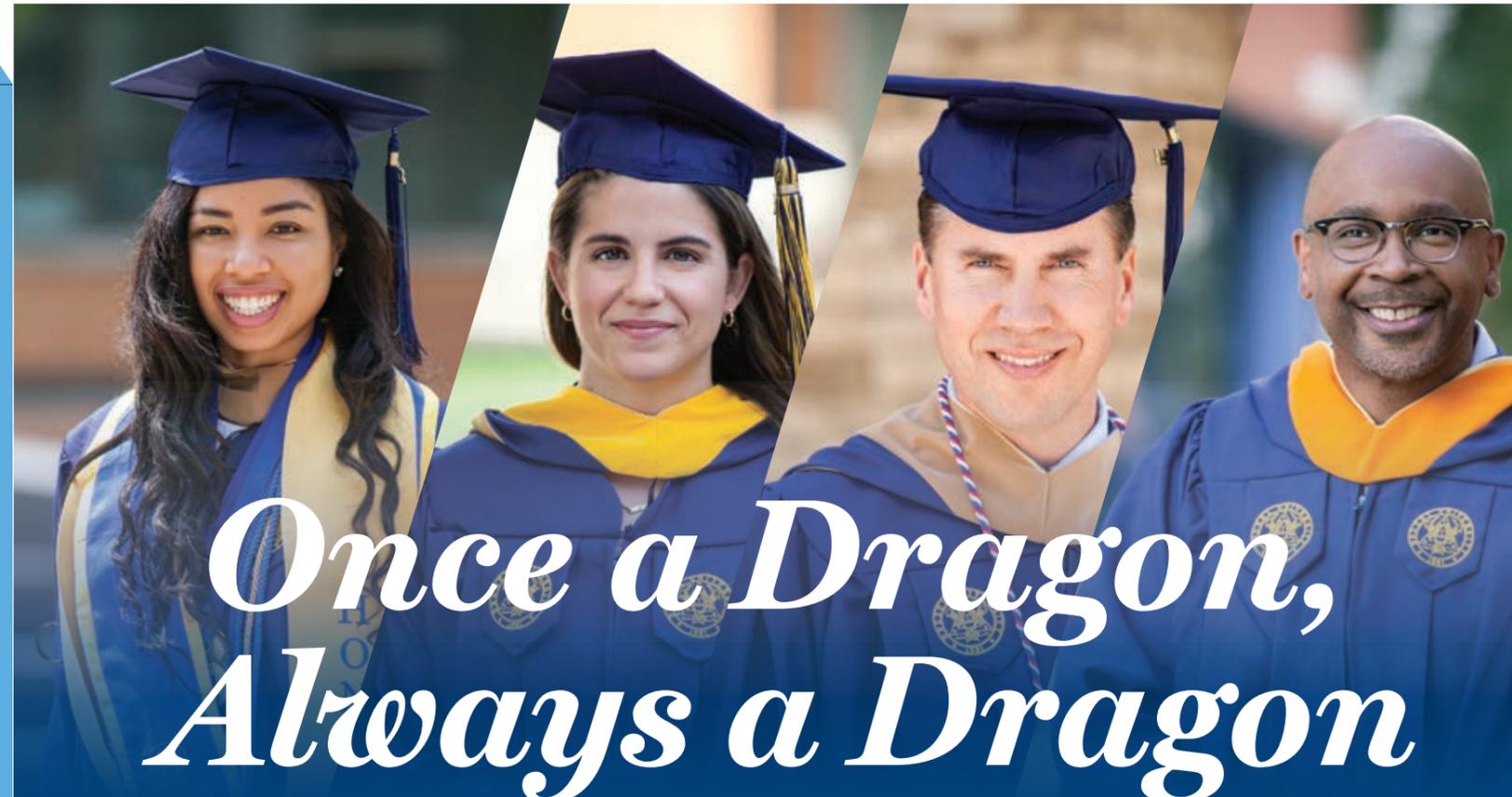
- 1 "In other words ..."
- 6 Wound covering
- 10 "___ to ___" (podcast featuring funny women and co-hosted by comedian Brandie Posey '06)
- 14 "I'm innocent!"
- 15 Adjective for a town's shoppe
- 16 Thirst quencher in Mexico
- 17 Brilliantly pitched, baseball-wise
- 18 Vehicle that Mac Mart CEO Marti Lieberman '11 has used to sell mac 'n cheese
- 20 Chapter in history
- 21 Exam for H.S. juniors
- 23 Bathroom fixtures which are more common in Europe than in the U.S.
- 24 Expressway Cinema ___ (company co-owned by Zac Rubino '09 that lends out film equipment)
- 26 Second-stringers
- 27 Georgetown athlete
- 28 "Bus Stop" playwright William
- 29 Some corp. execs
- 32 Former Indiana senator Bayh
- 34 Number of innings before extra innings
- 36 Potential event of interest for XPAN Law Group co-founder Jordan L. Fischer '13 or Cruz Law founder Tanishka V. Cruz '12 or Borowski Immigration Law founder Matthew Borowski '12
- 38 Grassy area
- 39 Cirque du Soleil show for which Thomas Wall '15 is a juggler
- 41 Boundary
- 42 Things ridden by customers of AnneeLondon, whose founder Rachel Benyola '17 invented a foldable helmet
- 44 "Now, where ___ we?"
- 45 Monopoly card
- 46 Microbrewery product
- 47 Recover, as from an injury
- 49 ZZ Top or the Police, e.g.
- 51 James Bond portrayer Connery
- 52 Focus for Louis Berger structural engineer Gregory Dunn '16
- 55 One who takes orders
- 58 Minor screw-up
- 59 Suitable
- 60 Global management consulting company where Jin Han '02 once worked as a managing director of cybersecurity
- 62 Mythological female demon who feeds on children
- 64 Nike product
- 65 Way over yonder
- 66 Put into political power
- 67 Ivy League school where Joshua T. Lessard '12 serves as exhibition designer of the school's Museum of Archaeology and Anthropology
- 68 Zeus and Poseidon, e.g.
- 69 Nebraska senator Ben

1	2	3	4	5	6	7	8	9	10	11	12	13
14					15				16			
17					18				19			
20				21	22			23				
24			25				26					
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32	33				34	35			36	37		
38					39			40		41		
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			51				52				53	54
55	56	57				58				59		
60						61			62	63		
64						65			66			
67						68			69			

DOWN

- 1 ___ Rhythms Music and Therapy Center (studio owned by Julie Lipson '13)
- 2 Actress Demi, Julianne, or Mandy
- 3 Actor who starred in "Ten Thousand Saints," for which D.J. Dodd '10 served as a co-executive producer
- 4 Friend in France
- 5 Salary after deductions
- 6 Pieces of hotel lobby furniture
- 7 Blood flow blockage
- 8 "Much ___ About Nothing"
- 9 Pest in a mattress
- 10 Adds grease to
- 11 Feverish fit
- 12 Ventilation conduit
- 13 Shaggy beasts of burden
- 19 Asian region where you may see 13-Down
- 22 Bias
- 25 British weight unit
- 26 Villainous look
- 28 Tech giant where Nina Crum '13 works as a software engineering manager
- 29 Electronic diversions developed by Skyless (business co-founded by Chris Bennett '12, Arad Malhotra '13, and Oleks Levchenko '12 to support educational and philanthropic causes)
- 30 Time piece?
- 31 It goes downhill in the wintertime
- 32 Actor Idris, or an island in a famous palindrome
- 33 Colorado ski resort featuring the Blue Sky Basin
- 35 Dubuque native
- 37 Overhauled
- 40 Transportation system in D.C. or Paris
- 43 Actor Charlie whose last name is one letter off from 51-Down
- 48 Livestock identifier
- 50 Biathletes' firearms
- 51 "Rhetoricians at a Window" painter Jan
- 52 South African descendants of Dutch-speaking settlers
- 53 Long stories
- 54 North Carolina ___ University (school that employs associate professor of electrical and computer engineering Alper Bozkurt '04)
- 55 Garden worker?
- 56 Feeling after a workout
- 57 Clickable symbol
- 58 ___ school (what many Drexel 40 Under 40 honorees attended)
- 61 Sighting in the sky, in sci-fi
- 63 Pie ___ mode

PUZZLE BY EVAN BIRNHOLZ '08



15-30% TUITION SAVINGS FOR DREXEL ALUMNI AND IMMEDIATE FAMILY

Do you remember how proud you felt the day you graduated from Drexel? Have you been thinking about what it will take to continue to advance your career? There has never been a better time to continue your Drexel journey and we can't wait to welcome you back. Drexel alumni and their immediate family members receive a 15-30% tuition savings on select online programs.

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