

# UB INTERNATIONAL

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## NEW MEDICAL SCHOOL MARKS NEW ERA

By Ellen Goldbaum

Sixty-four years after moving to the University at Buffalo's South Campus, the Jacobs School of Medicine and Biomedical Sciences has returned to downtown Buffalo.

The massive \$375 million, 628,000-square-foot building officially opened December 12, 2017 at 955 Main St., just steps from where it was located from 1893 to 1953.

The building was the first to receive

uses to grow as the new Jacobs School of Medicine and Biomedical Sciences building opens its doors to the future leaders of 21st century medicine, research and technology," Governor Cuomo said. "By moving this state-of-the-art facility downtown, we strengthen Buffalo's economy while helping to ensure the city's growth and development continues strong."

"Moving the Jacobs School of Medicine and Biomedical Sciences downtown is a major milestone for the University at Buffalo that has been a decade in the making,"



At the ribbon-cutting for the new Jacobs School of Medicine and Biomedical Sciences (l to r): Byron Brown, Jeremy Jacobs, Lt. Gov. Kathy Hochul, Satish Tripathi, Michael Cain, and medical student Laura Reed.

NYSUNY 2020 Challenge Grant funding through NYSUNY 2020, legislation that was signed into law by Gov. Andrew M. Cuomo in 2011. The initiative has spurred economic growth across the state and strengthened the academic programs of New York's public universities and colleges. The mission of the NYSUNY 2020 program is to elevate SUNY as a catalyst for regional economic development and affordable education.

"Western New York's transformation into a national health sciences hub contin-

said UB President Satish K. Tripathi.

"UB is now poised to achieve our vision of excellence in medical education, research and patient care. We are so indebted to Governor Cuomo, who shared and supported our vision all along. From the very beginning, he, along with the Western New York state delegation, saw the great potential in moving the Jacobs School to the Buffalo Niagara Medical Campus and recognized the pivotal role it could play in the remarkable transformation of our region. Governor Cuomo ad-

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## MEDICAL SCHOOL

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vanced our vision by signing the historic New York SUNY 2020 legislation into law.”

“This defining and transformative moment would also not have been possible without the incredible support and generosity of Jeremy Jacobs and his family, for whom the Jacobs School of Medicine and Biomedical Sciences is

“This is an incredibly exciting time for the medical community in the City of Buffalo,” Brown said. “I would like to thank President Satish Tripathi for his tremendous leadership in making this project a reality; Jeremy Jacobs, and his family, for their generosity – not just to UB – but to the entire City of Buffalo; and Governor Andrew Cuomo for his vision and determination to put Buffalo on the map as a leader in medical education, care and research.”

Michael Cain, MD, vice president for health sciences at UB and dean of the Jacobs School, said today’s opening

“marks a long-awaited reunion for the Jacobs School of Medicine and Biomedical Sciences.

“It reunites our faculty conducting research, who have been located on the university’s South Campus, with those involved in patient care in our partner institutions. This building fully integrates medical education into Buffalo’s growing academic health center, emphasizing interdisciplinary collaboration and strengthening our relationships with our clinical partners.

“A medical school that is just steps away from UBMD Physicians’ Group at Conventus, John R. Oishei Children’s Hospital, Buffalo General Medical Center, Roswell Park Cancer Institute and all of our other

named,” Tripathi added.

“Mr. Jacobs and his family are committed to our vision because they know that the students we educate here, and the discoveries and treatments generated here, will save lives and improve the quality of life for people around the world. Their belief in our institution has transformed the dream of a world-class downtown medical school building into a concrete reality.”

“My family is thrilled to join UB and our elected officials at today’s ribbon-cutting ceremony,” said Jeremy M. Jacobs, UB Council chairman, whose family’s historic \$30 million gift was critical to the medical school’s move downtown.

“The new medical school building fulfills the collaborative and innovative vision of the medical campus, which will have a transformative impact on health care in Western New York. By moving the school downtown, UB is enhancing its role in the fabric of our city and furthering its commitment to our community.”

Buffalo Mayor Byron W. Brown noted that the Jacobs School of Medicine and Biomedical Sciences will bring over 2,000 students, faculty and staff to the heart of downtown Buffalo.

partners will foster synergies that will expand and improve health care in Western New York,” he said.

### Addressing the physician shortage and benefiting the region

The new building allows the Jacobs School to expand its class size by 25 percent, from 144 to 180 students, training many more doctors to address local and national physician shortages. This year, the Jacobs School admitted its first class of 180 students; by 2021, the school’s enrollment will reach 720 students.

That expansion, in turn, boosts UB’s ability to recruit and retain world-class faculty with medical expertise in specialties that the region sorely lacks so that Western New Yorkers do not have to leave town for specialty care.

The move of the Jacobs School to the Buffalo Niagara Medical Campus bolsters the city’s biomedical sector as a catalyst for regional economic development. Medical innovations will result from increased synergies with the clinical and research partners on the medical campus, in turn, creating new medical technologies and spinoff businesses.



Deliberately positioned as a “gateway” to the medical campus, the building features a pedestrian walkway from Allen Street and the vibrant Allentown neighborhood to Washington Street.

The building’s sustainable features include bicycles available to rent in the walkway and the NFTA Metro station, which is located under the building, a first for Buffalo, so that the public can readily access the medical campus from the Allen/Medical Campus station.

A 32-foot tall, two story light tower at the Main and High streets entrance functions as the building’s signature feature, a beacon, often lit in UB blue, but which can beam virtually any color, which architects intended as emblematic of the school’s return to its downtown roots. Just upstairs, on the second floor, in a more concrete nod to the historic past of the Jacobs School, hangs a pair of lanterns.

Originally gaslights, they illuminated the High Street medical school lobby from 1893 until 1953 when the medical school moved to the UB South Campus on Main Street. The lanterns were restored by Ewa Stachowiak, assistant professor in the Department of Pathology and Anatomical Sciences and Brian Koyn, in the UB health sciences fabrication department who used a 3-D printer to restore missing and decaying lantern pieces with exact replicas of the original metalwork.

### Active learning

The building design was produced by HOK, a global design, architecture, engineering and planning firm, which was selected for the project by UB in 2012 after winning an international competition to develop the best design concepts for the new Jacobs School building.

Through its classrooms and open spaces called learning landscapes, the Jacobs School’s new building promotes collaborative interactions among faculty and students. Its huge, open seven-story, light-filled atrium, comprising more than 19,000 feet of glass, fosters collegiality and a strong sense of community.

A key educational attribute of the building is its emphasis on active learning classrooms, which contain triangular tables that are fully electronic so that any student, even

in a class of 180, can not only contribute but also present data to the entire group with the touch of a button.

Small classroom and study spaces are available throughout the building, all with optimal technology connections.

A casual café is located on the second floor but for full-service dining options, faculty, staff and students will be encouraged to patronize local businesses, a deliberate feature of the building.

State-of-the-art laboratory spaces on the building’s third, fourth and fifth floors, are modern and light-filled.

The sixth floor includes expanded facilities

where students will hone their skills, from the Behling Simulation Center, where students will gain interprofessional training using life-like mannequins in realistic medical scenarios, to the Clinical Competency Center, where students will interact in scripted clinical scenarios using standardized patient volunteers.

Students, medical residents and professionals also will have access to the building’s surgical suites and robotics suites, where they will be trained in the newest surgical and robotics skills. In addition to the traditional gross anatomy training using cadavers, students will have access to visualizations of the cadavers, providing far more detailed anatomical information.

### Historic support and generosity

In addition to the support provided by Gov. Cuomo, the new building was made possible through state and UB capital appropriations and support from the UB Foundation, as well as the generosity of alumni, community leaders, corporations and foundations who gave to a \$200 million campaign for the Jacobs School of Medicine and Biomedical Sciences, including a historic \$30 million gift from Jeremy M. Jacobs and family.

In recognition of the Jacobs family gift and Jacobs’ tremendous service and philanthropy to the university, the medical school in 2015 was named in their honor. 🌐

*Ellen Goldbaum is the senior science editor for University Communications. Photos by Douglas Levere.*



*The spectacular atrium of the new Jacobs School of Medicine and Biomedical Sciences*



## FROM THE VICE PROVOST

Our cover article tells the story of a remarkable and historic event that encapsulates all the good things that have been happening at UB and in Buffalo during its recent renaissance. The official opening, on December 12, of the new Jacobs School of Medicine and Biomedical Sciences on the Buffalo Niagara Medical Campus truly represents a watershed, as our medical school and thus our university return in a strikingly impactful way to our roots in downtown Buffalo.

UB alumni and friends around the world have been waiting expectantly for this milestone moment, and all the positive developments that will flow from it for both the university and the communities it serves. Faculty have already begun moving in and setting up their laboratories; soon the medical students will be joining them.

The magnificent new building for the medical school is literally steps away from the school's original site on High Street, where Buffalo General Hospital is now located. Also in close proximity are the brand-new John R. Oishei Children's Hospital, the Buffalo Clinical and Translational Research Center and the recently opened Coventus Building housing UBMD Physician's Group offices, where many medical school faculty have their practices.

These new state of the art facilities join the nearby Roswell Park Cancer Institute, the New York State Center of Excellence in Bioinformatics, and the Hauptmann-Woodward Institute in constituting a top-tier, comprehensive clinical and research center.

The medical school's return to downtown recalls the frontier days of the fledgling City of Buffalo, when in 1846 under Chancellor Millard Fillmore, the university got its start as a small medical school to train local physicians.

Despite that local mission, I like to remind colleagues that among the small number of medical students in the first class were two from nearby Canada--at that time still part of the British Empire and not yet an independent country. Thus, from its very origins, the medical school and the university have reached beyond our national borders and engaged the larger world.

Fast forward to today, and we witness a globally interconnected Buffalo Niagara Medical Campus attracting the students, faculty, clinicians, researchers and patients from across the globe. Today's medical school recognizes the importance of international engagement not only for the conduct of research but also for the preparation of

future physicians. Global learning and cross-cultural competencies are part of the skill set that health professionals must have today to be successful in their practice.

At the beginning of an exciting new year and a new era for UB, I take the opportunity to congratulate President Tripathi, Provost Zukoski, and Vice President and Dean Michael Cain for their visionary leadership in making the new Jacobs School of Medicine and Biomedical Sciences a reality. 🌐

*Stephen C. Dunnett is professor of foreign language education and vice provost for international education.*



## UB COMMITS TO INCLUSIVE EXCELLENCE

By Michael Andrei

UB's strategic diversity and inclusion plan, "Our Commitment to Inclusive Excellence," focuses on coordinating and facilitating diversity and inclusion-related efforts and processes campus-wide to integrate inclusive excellence into all aspects of university operations.

UB is reaffirming a commitment to support inclusivity across the university by increasing cultural understanding, enhancing teaching and scholarship, and creating and sustaining a welcoming environment in which all faculty, staff and students are valued.

The plan provides an overview of UB's earlier and ongoing efforts to ensure the university is diverse and inclusive, and explores the evolution of faculty, staff and student demographics and the campus environment.

The plan will be administered through the newly renamed Office of Inclusive Excellence (OIX).

"There are currently a variety of strategies and efforts to enhance diversity and inclusivity going on across campus," says Teresa Miller, vice provost for inclusive excellence. "However, we still have work to do to achieve our diversity and inclusion goals.

"We can maximize the effectiveness of our diversity and inclusion-related efforts with better university-wide coordination to enhance impact, minimize overlap and more deeply integrate inclusivity into all aspects of the university," she says.

Inclusive excellence is the recognition that diversity is a driver of excellence. Miller points to Scott Page's pioneering research on diversity as expressing with mathematical certainty the principle that diverse teams solve problems faster and better than homogenous teams with more experience. "For a public research university that aspires to solve the world's hardest problems, diversity is mission critical," she explains.

Inclusive excellence acknowledges the multiple social

identities of individuals, the campus climate that determines whether diversity is sustainable and the importance of curricular transformation to include differing perspectives and modes of inquiry previously neglected or missing.

The Office of Inclusive Excellence is the centerpiece of UB's strategic diversity and inclusion plan.

"OIX will foster a culture of shared responsibility for equity and inclusion," Miller says, "and create transparent processes that encourage the entire university to work toward inclusive excellence. Through the office, benchmarks and goals will be set and progress toward them monitored."

### Employing inclusive excellence as a strategic framework

Under Miller's leadership, the office will coordinate and facilitate university planning processes, program initiatives, educational strategies and research inquiries that shape goals, actions and advancement of inclusive excellence at UB.

They will focus on facilitating:

- Improved communication and coordination among UB's various equity and inclusion assets.
- A climate that is supportive of all members of the UB community (faculty, students, staff and administrators).
- A culture of self-reflection and innovation to address issues of diversity, inclusion and excellence.

• Structuring environments and interactions that encourage individuals to explore and understand others, learn from their differences and commonalities, and succeed together.

• Infusion of diversity-related content in courses, programs and experiences across the disciplines and in social aspects of the campus environment.

• Research, education and engagement programs that support diversity and inclusion in the community.

• Development of diversity and inclusion-related goals and plans at the department and school levels.

"Adopting inclusive excellence as the center of our diversity and inclusion strategy challenges UB to employ the principle as a strategic framework," Miller says. She adds that without inclusion, diversity is unsustainable.

"You can successfully recruit individuals who diversify your department, but if they don't feel valued and respected, they won't stay." Miller went on to say that adopting inclusive excellence requires the university to be honest and clear about identifying challenges and issues related to diversity and inclusion so that UB can come together as

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Teresa Miller Photo: Douglas Levere

## INCLUSIVE EXCELLENCE

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a campus community to address them.

### Allowing all students, faculty and staff to thrive

The Office of Inclusive Excellence will be drafting a Statement of Principles of Community (SOPOC) that will outline ideals that UB stands for.

"We will be holding a listening tour and focus group meetings over the next few months to get input from all members of the UB community, and understand what they would like to see reflected in the SOPOC," Miller says. "UB has values that are centered around inclusion, equity and diversity.

"Free speech is also something we value," she notes. "These principles will reflect our collective thoughts as an academic community. This enables us to 'call out' speech that is legally permitted, but contrary to our institutional values. "We are developing a tool kit on this issue, which will be available to the campus community."

Miller says the statement will be drafted based on feedback from the meetings, and will be officially signed by members of the UB community at the university's first annual diversity summit in March 2018.

In fall 2018, a campus climate survey will be conducted to assess attitudes, behaviors and standards concerning the level of respect for individual needs, abilities and potential at UB.

Unlike surveys in the past, Miller says, faculty, staff and students will be asked the same questions.

"This will make it possible to compare answers across these three distinct populations," she explains, "allowing us to draw meaningful conclusions from survey data without having to compare questions from widely varying survey instruments.

"We aspire to foster a healthy, productive, ethical, fair and affirming campus community to allow all students, faculty and staff to thrive and realize their full potential."

### Additional strategic plan priorities

The office's efforts are fueled by an expanded leadership

council of nearly 50 members of the campus community, organized into eight different committees. In collaboration with OIX staff, they are focused on a number of initiatives.

One such project is to create new pipelines for under-represented minority students and women in STEM fields through new initiatives. These include creating a Native American Health Inclusion Initiative and exploring the feasibility of an inclusive excellence-centered living and learning community.

OIX will continue to train faculty and decanal search committee members on reducing barriers to diversity, such as implicit bias, through the use of best practices.

Training videos on this topic already have been posted to UB EDGE; OIX staff members are also planning to schedule in-person training sessions and developing toolkits to assist search committees.

OIX staff members are, in addition, working to create a Diversity Leadership Workshop to develop and advance sophisticated leadership, problem-solving approaches and inquiry about diversity and inclusion at UB.

OIX also is developing a university statement on diversity, equity and inclusive excellence to be prominently displayed on UB's website, Miller says.

"In drafting 'Our Commitment to Inclusive Excellence,' a review of our campus climate regarding issues surrounding diversity and inclusion was conducted by OIX," she says.

Miller notes this research reveals a strong commitment by members of the UB community toward diversity and inclusion, as well as efforts that, if coordinated to reduce overlap and inefficiency, could increase their impact across the campus.

"The creation of the Office of Inclusive Excellence, as suggested by this report, will coordinate, facilitate and bond together all of these efforts," she says, "as well as support increased data collection, new programs and research.

"Responsibility for inclusive excellence rests in every office and individual at the University at Buffalo, and the OIX will assist in facilitating and coordinating all of our efforts," she says.

"The ideas, goals and strategies we have established in this plan are just the start." 🌐

*Michael Andrei is a public affairs and internal communications specialist for University Communications.*





## ANN BIZANTZ APPOINTED DEAN OF UNDERGRADUATE EDUCATION

By Cory Nealon

**A**nn Bizantz, a renowned expert in human factors engineering who has led the Department of Industrial and Systems Engineering since 2012, has been named dean of undergraduate education.

She succeeds Andrew M. Stott, who left UB in summer 2017 for the University of Southern California.

Her appointment, effective January 29, was announced by Graham L. Hammill, vice provost for educational affairs and dean of the Graduate School.

"Dr. Bizantz has distinguished herself through an outstanding record of educational and academic service that has greatly benefited students and fellow faculty members. Her research and leadership has continuously placed the University at Buffalo in the spotlight as a premier public research university," said Hammill, who served as interim dean of undergraduate education after Stott's departure.

Bizantz was chosen from a strong pool of candidates, all of whom expressed tremendous ideas and vision for the position, Hammill said.

In her new post, Bizantz will be responsible for providing dynamic academic leadership, as well as articulating, shaping and elevating learning for undergraduate students at UB. She will facilitate the university's undergraduate academic enterprise, and oversee campus, system and state processes for all undergraduate curricular changes.

Bizantz also will provide guidance, purpose and a sense of strong collaboration among the areas she oversees — including the Honors College, UB Curriculum, Center for Undergraduate Research and Creative Activities, and the Experiential Learning Network. She will collaborate with other leadership within the Office of Educational Affairs and across campus to promote and strengthen undergraduate student success and satisfaction.

"I am looking forward to serving students and the UB community in new ways," Bizantz said. "In particular, I am excited about working with faculty and staff from across the campus to help all our undergraduate students achieve a transformative educational experience."

A UB faculty member since 1997, Bizantz has served as professor and chair of the Department of Industrial and Systems Engineering since 2012. She specializes in human

factors engineering and cognitive engineering — fields that concern designing products, systems or processes that focus on the well-being of the people using them.

She has published more than 70 journal articles and book chapters, edited two books and delivered more than 160 conference and invited lectures. She has received more than \$15 million in research funding from agencies including the National Science Foundation (NSF), Agency for Healthcare Research and Quality, and numerous defense agencies.

A fellow of the Human Factors and Ergonomics Society (HFES), she has received numerous awards and honors, including an NSF CAREER award, HFES Paul M. Fitts' Education

Award and the SUNY Chancellor's Award for Excellence in Scholarship and Creative Activities.

Bizantz has developed fundamental and advanced undergraduate and graduate courses in human factors engineering and industrial engineering that are highly regarded by students and colleagues, and has advised or mentored 60 graduate students.

Previous to her appointment as department chair, she served as director of undergraduate studies and was responsible for student advisement, curriculum development and leading a successful accreditation of the undergraduate degree program.

Bizantz received her Ph.D. from the Georgia Institute of Technology. She received a master's and bachelor's degree from UB. 🌐

*Cory Nealon is associate director of community relations for University Communications.*



## FIRST STUDY ABROAD INCUBATOR CONDUCTED IN COSTA RICA

By Peter Murphy

**E**ight UB faculty members traveled to Costa Rica in June 2017 as part of the university's first-ever Study Abroad Incubator, a program for faculty and staff interested in designing and leading new study

nursing initiatives, School of Nursing.

Jensen highlighted his broad perspective when submitting his application to participate in the incubator.

"As part of my role in the UB Academies, I encourage a broad range of students to participate in study abroad programs, not just civil and environmental engineering students," says Jensen, a professor of environmental engineering and academic director of the Sustainability Academy.

His research on water in the developing world also was a key element of his application to the incubator.

Atkinson, an assistant professor of environmental engineering, notes that he and Jensen were unaware the other was going to Costa Rica. His application stressed his research interests, which include air pollution control, environmental and water resources engineering, and more specifically, sustainability.

"Costa Rica is fascinating," Atkinson says. "They are highly ranked in global sustainability surveys. Almost 98 percent of their electricity is from renewable sources. Over 25 percent of their land is protected forests."

The UB group, led by Poag, was in Costa Rica June 5-9, visiting different sites around the country. Among them were a government-run health care services center; the Institute for Central American Development Studies; a public school; the Association of Costa Rican Engineers and Architects; coffee, pineapple and banana plantations; the Kekoldi indigenous community; and the Quetzal Education Research Center, as well as hydro and wind energy generation sites.

"Based on my experience living there for a number of years, I was able to select a few key sites to illustrate the topics that were present in the study abroad incubator," Poag says. "This was a place to sharpen some ideas and spur ideas for new development. The idea now is to try to advance some of the great ideas our team brought to the table."

Only 80 students from the School of Engineering and Applied Sciences reported studying abroad when such data was last collected during the fall 2016 semester, a reflection of the overall trend of low participation rates of engineering students in study abroad programs.

"Engineers study abroad at a very low rate compared to other majors," says Jensen, who also serves as director of



*The Incubator group in Costa Rica; Trevor Poag is 4th from the right*

abroad initiatives.

"We decided to pick a group of applicants who had a strong desire to advance global learning in their respective departments at UB," says Trevor Poag, director of global learning opportunities in the Office of International Education.

"This was a non-traditional workshop with hands-on experience. Our team was able to see Costa Rica firsthand and look at different ways to connect students to all it has to offer in terms of experiential learning opportunities."

Jim Jensen and John Atkinson represented the Department of Civil, Structural and Environmental Engineering. Other participants were Shamim Islam, clinical assistant professor, Department of Pediatrics; Lisa Vahapoglu, program coordinator, Community of Excellence for Global Health Equity; Dorothy Siaw-Asamoah, clinical assistant professor, Department of Organization and Human Resources, School of Management; Mary Nell Trautner, associate professor and director of graduate studies, Department of Sociology; Sarah Robert, associate professor, Department of Learning and Instruction, Graduate School of Education; and Cynthia Stuhlmiller, professor and director of global

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## TRIPATHI JOINS CHANCELLOR JOHNSON IN SUPPORT OF DREAM ACT

By Sue Wuetcher

**P**resident Satish K. Tripathi and SUNY Chancellor Kristina Johnson were among several university presidents and chancellors joining lawmakers and “dreamers” in Washington in October to urge Congress to pass the bipartisan Dream Act.

“On behalf of the University at Buffalo, I once again would like to publicly express my support for the Deferred Action for Childhood Arrivals

(DACA) program,” Tripathi said. “All students, including DACA students across our state and our nation, should have the opportunity to pursue their educational goals and their professional aspirations.”

“The University at Buffalo is committed to a diverse and inclusive campus community, and we urge Congress to protect the earned rights of New York State’s 42,000 DACA enrollees.”

Johnson told those attending the press conference that her grandparents came to America through Ellis Island, and that like many children of immigrants, her



Chancellor Johnson (4th from r) and President Tripathi (3rd from r) at DREAM Act press conference, with House Minority Leader Nancy Pelosi speaking. Photo: Robert Mayer

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## UB HOSTS BIENNIAL WHO HEALTHY HABITATS MEETING

By Jessica Scates

**O**ne of 700 collaborating centers from over 80 WHO member states, the Collaborating Centre for Health and Housing at UB focuses research and technical assistance in the design of the built environment to foster the health and functioning of all people, including those with disabilities.

In April 2017, the University at Buffalo’s WHO Collaborating Center on Health and Housing and the Regional Secretariat of the Inter-American Network for Healthy Habitats, accompanied by the Pan American Health Organization and the UN Office for Latin America, organized and hosted the 11<sup>th</sup> Biennial Meeting of the Inter-American Network of Healthy Habitats.

This exciting meeting brought together over 20 health and environment leaders from across South America with



WHO delegates at the Refugee Summit in Buffalo. Photo: Douglas Levere

University at Buffalo faculty, staff, and students.

The Schools of Public Health and Health Professions, Architecture and Planning and the Community for Global Health Equity organized events which included a keynote address by Nathalie Roebbel, Technical Officer, Public Health, Environmental and Social Determinants of Health, WHO.

Roebbel’s talk addressed how to tackle health inequalities through action on

housing. UB’s Henry Louis Taylor, Jr., professor of urban and regional planning, shared a multi-national vulnerable neighborhoods project and Samina Raja, professor of urban and regional planning led a discussion on implementing plans, policies, and designs for healthy housing and habitats.

Collaborating Center members also participated in a

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## DREAM ACT

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mother pursued education as a way to better herself, her family and her community.

"The privilege to do this — to pursue the American Dream — is one that our nation promised to DACA enrollees," she said. "It is a privilege that, today, Congress can and must act to protect. As chancellor of the country's largest comprehensive system of public higher education and the granddaughter of immigrants, I am proud to stand with students, colleagues and federal representatives in today's call for the immediate passage of the Dream Act."

The bipartisan Dream Act would offer legal permanent residence — and eventually a pathway to citizenship — to young immigrants if they arrived in the U.S. as children, obtained a high school degree or GED, and are enrolled in higher education, employed or serve in the military.

President Donald Trump rescinded DACA in September 2017 and passed the issue to Congress.

Other academic leaders attending the press conference were University at Albany President Havidán Rodríguez; Stony Brook President Samuel L. Stanley Jr.; Gary May, chancellor for the University of California, Davis; and the Rev. Michael J. Sheeran, president of the Association of Jesuit Colleges and Universities. Lawmakers attending included New York Sen. Kirsten Gillibrand; Senate Democratic Whip Dick Durbin, D-IL, who introduced the bipartisan Dream Act in the Senate; House Democratic Leader Nancy Pelosi; Sen. Dianne Feinstein, D-CA; and Rep. Joe Crowley, D-NY, chair of the House Democratic Caucus. 🌐

*Sue Wuetcher is editor of UBNOW for University Communications.*

## STUDY ABROAD INCUBATOR

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undergraduate studies for the environmental engineering program. Engineering requires cultural sensitivity. It requires you to know about people, and how people from other cultures think. A 21st-century engineer needs to spend time abroad so they can bring a more global perspective into their decision-making."

Jensen and Atkinson acknowledge the importance of study abroad programs and their impact on students.

"The cultural experience is very important," Atkinson says. "The experience of observing how different people do things, of relating to people from other cultures, and of identifying similarities and differences changes the way you think and act. Even if you never step foot abroad again, it will make you a better engineer — a more complete, well-rounded and thoughtful professional." 🌐

*Peter Murphy is a staff assistant for the Department of Civil, Structural and Environmental Engineering.*

## HEALTHY HABITATS

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special Symposium on Promoting the Health of Migrants with a keynote talk given by Dr. Marcelo Korc, Regional Advisor, Sustainable Development and Human Security, Pan American Health Organization/World Health Organization.

Following these events, Henry Louis Taylor, Jr. applied for an National Institute of Health conference grant, which would bring together representatives from the Inter-American Network for Healthy Habitats to complete a grant for a multi-national project on developing a neighborhood-scaled health intervention strategy for the mitigation of neighborhood effects on undesirable health outcomes in Buffalo, New York; Buenos Aires and Villa del Totoral, Argentina; Belem and Rio de Janeiro, Brazil; San Jose, Costa Rica; Havana, Cuba, and Lima, Peru. If funded, the conference will be held in Buffalo. 🌐

*Jessica Scates is staff assistant for the Community for Global Health Equity.*

## PHARMACY PRACTICE

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cultural interaction. An onsite orientation included a meet and greet with current UWI Pharmacy Students and a historical tour describing the colonial plantation origin of the UWI Mona campus.

Students had the opportunity to sample local produce at a farmers market for discussions on the effect of seasonal availability of foods and increased availability of processed foods on traditional Jamaican nutrition.

### Follow-up

Post trip debriefing indicated all students would recommend this rotation to expand their global health knowledge/ experience. They were able to explain or list the sustainable developmental goals, social determinants of health, universal health care, and access to health care.

With this international partnership in place, the UB SPPS plans through the SUNY-UWI Research Task Force, to expand this experience to other health professional schools. This will allow for the development of student interests in exploring further opportunities for capacity building to advance health care systems. It is also anticipated to serve as a template for the UWI as they advance their level of pharmacy practice. 🌐

## PHARMACY PRACTICE IN KINGSTON, JAMAICA

By Tyler R. Mullen, Gene D. Morse and Gina M. Prescott

The School of Pharmacy and Pharmaceutical Sciences participated in a collaborative Introductory Pharmacy Practice Experience with the University of the West Indies (UWI) -Mona Campus in Kingston, Jamaica.

Tyler Mullen, a Global Health Implementation Research Fellow supported by the UB Center for Integrated Global Biomedical Sciences and the UWI Faculty of Medical Sciences, led a group of second and third year doctor of pharmacy students on a global health focused rotation in June 2017 with leadership and organizational support from Gina M. Prescott, UB Department of Pharmacy Practice, in Buffalo. This project is also a component of the SUNY-UWI Health Research Task Force and its role in developing a clinical and translational research workforce.

As part of the initial program development and implementation, four, second and third year UB Doctor of Pharmacy students traveled to Kingston, Jamaica to participate in clinical and community centered experiential learning.

During the 7-day, short-term experience in global health (STEGH), students participated in a variety of clinical experiences, global health experiences, and cultural activities that will develop an implementation research infrastructure in Jamaica.

The UB-UWI pharmacy faculty designed the experience to address global health implementation research, social determinants of health, Jamaican communicable and non-communicable disease burden, promote cultural exchange and to serve as a template for the UWI as they advance towards a doctoral degree pharmacy program.

The pre-travel preparation, learning activities, and assessments were linked to outcomes derived from the Consortium of Universities for Global Health (CUGH) and International Pharmaceutical Federation (FIP) competencies.

### Research Exposure and Social Determinants of Health

Students attended several events at UWI to broaden their global health knowledge. Initially students met with UWI

faculty, including the Dean of the Faculty of Medical Sciences, to receive an overview of health care in Jamaica and review the objectives and expectations.



L to r: Sneha Monzy (UB), Hui Hong Liu (UB), Maxine Gossell-Williams (UWI), Theresa Tufuor (UB), Cameil Wilson-Clarke (UWI), Tyler Mullen (UB-UWI), Steven Yen (UB)

Students engaged in group discussions on Jamaican healthcare disparities and attended the UB-UWI global health implementation research meetings. As a capstone assignment, students gave formal presentations to the UWI health sciences faculty on their global health experiences with comparisons to the US healthcare system.

### Jamaican Disease Burden and Clinical Activities

During their time at the University Hospital,

UB students participated in medical rounds with UWI physicians, medical students, and pharmacy students. Their inter-professional interactions provided a template for the advancement and integration of clinical pharmacy experiences within the hospital. Students also experienced a different system for chart documentation, order fulfillment, and medication review.

Students also had the opportunity to explore differences in healthcare infrastructure through an outpatient pharmacy; they worked alongside community pharmacy staff to dispense, compound, and counsel patients from an international perspective.

As part of the UWI initiative for Social Accountability, the Faculty of Medical Sciences organizes health fairs in rural or underserved communities where residents can receive medical, dental, and pharmaceutical care free of charge. UB-UWI students were able to work together in inter-professional teams to assist primary care providers at the clinic.

Pharmacy students assisted physicians by giving input on drug Information, formulary therapeutic interventions, dispensed medications, monitored prescription medication supplies, performed blood pressure checks and collected patient data. Students were able to practice the local Jamaican dialect Patois (Patwa or Patwah) an English-based creole language with West African influences.

### Cultural Exchange and Immersion

Students were housed in on-campus student dormitories to offer a realistic student experience and promote

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## ENGINEERING EXCHANGE WITH SAPIENZA UNIVERSITY IN ITALY

By Josep Jornet

In 2012, UB and the Sapienza University of Rome, Italy, signed a memorandum of understanding to create and foster a student exchange program between the two institutions.

Since then, six UB students in the Department of Electrical Engineering have spent one semester in Rome at Sapienza University—not only at a top European university and one of the oldest, but fully immersed in Italian culture, cuisine and life style.

As part of this program, senior undergraduate students join the Sapienza to take Electrical Engineering and Computer Science courses in English, which are then seamlessly transferred to their transcript here at UB, allowing them to graduate in four years (thus debunking one of the “oldest myths” of study abroad—that it delays graduation).

Moreover, while in Italy, students share an apartment with Italian roommates, shop in Italian stores, enjoy the Italian public transportation system... and eventually return to Buffalo being much more fluent in Italian than when they left (not a requirement).

All of this, while living in the heart of Italy and less than two hours by plane to other major European cities, including Brussels, Paris, Barcelona or Berlin.

This is why a study abroad semester is not just a good line on a resume, but often a deciding factor by the end of many job interviews in today's hyper-competitive job market, in which multi-national companies greatly value international experience.

This agreement is not just a mechanism for our students to study abroad, but a vehicle to attract top Italian students to UB and the City of Buffalo.

In the last five years, a total of nine Italian students have joined UB for one to two semesters to take courses in Electrical Engineering and Computer Science as well as to conduct supervised research for their master or Ph.D. thesis.

While chicken wings might not be comparable to Italy's finest cuisine, all the Sapienza students have left UB impressed by the quality of education, the state-of-the-art research facilities, the faculty and staff commitment to excellence, and the warmth of the university and the city.

For many students, their experience at UB has been a key factor to decide to continue their professional career in the US. As we move forward, our aim is to increase the number of students who benefit from this program.

To start, four students from Sapienza have just been admitted to UB. 🌐

*Josep Jornet is an assistant professor of Electrical Engineering and coordinator of study abroad for the department.*



L to r: Isabella Claire Adriani, incoming student at UB from Sapienza in Spring 2018; Josep Jornet; Parker Woodard, UB student at Sapienza in fall 2017; and Prof. Francesca Cuomo, Sapienza University

## WELCH AND LUDWIG

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favors Ghana and Senegal in Africa. But both continue to be amazed by the architecture of Italy.

Ludwig vividly recalls a colorful mosaic in Sicily's Piazza Armerina, a Roman bath and gymnasium, that depicts women stretching, exercising and lifting weights. The image stunned her with its beauty and depiction in ancient days of an everyday activity that is still practiced in our time. Moments like these fuel Welch and Ludwig's desire to continue their travels overseas. The couple have a trip planned to Germany in spring 2018. For them, there is no country they won't like.

"We as a people walk away pretty easily when we're not interested. The fault is in you, not the place," says Ludwig.

"You can't walk away from how people live in their environment and say that's not interesting. People live perfectly wonderful lives and perfectly difficult lives in places all over the world."

So with every new journey, the collection will grow.

And just how Ludwig was once inspired to study abroad after viewing photos from a college classmate's trip to France, she hopes UB students, faculty and staff receive the same motivation from their collection.

The Welch-Ludwig Collection serves as their final lesson to their students. "Lesson number one: Feel free to develop your own collection and contribute them to the university," says Welch. "Lesson two: Recognize what an intentional world we're in and that the U.S. is only part of it."

The Welch-Ludwig Collection is available online in the UB Digital Collections. 🌐

## WELCH AND LUDWIG'S LASTING LESSON: SEE THE WORLD

By Marcene Robinson

**C**laude Welch and Jeannette Ludwig have no plans to stop teaching, despite both retiring from the classroom.

What has changed is that they've discovered a new method of instruction: photography.

Through the new Welch-Ludwig Collection, images assembled throughout more than 50 years of travel across

record of the varied effects of urbanization and political change.

"The pictures show the shift in the dominant external influences away from colonial powers toward us, China and multinational corporations," Welch says. "Our first picture taken in Africa dates from 1963. The last time we were in China was 1988; however that country is changing at an exceptional rate. The collection is designed to help people understand these kinds of transformations."

Adds Ludwig: "It would be interesting to see what's happening in China now. It's like going home but everything is a little bit different since the last time you went there. The places change, attitudes change, and way of doing things change."

### Early beginnings

Adventuring around the world began at a young age for the pair.

Welch credits his fascination with various cultures to his parents, who took the family on several vacations across the U.S. and Europe.

For Ludwig, however, the passion began with language. As a child, the languages she heard at home ranged from English to Malay to Schwyzerdütsch, a dialect of German spoken in Switzerland.

A search for the correct pronunciation of the word "bourgeois" sent her off on an exploration of the

French language that lasted a lifetime.

"I found language fascinating," says Ludwig, who is fluent in English, French and Swedish.

"Understanding how other people communicate in a way that we don't was like looking under the hood of car and finding out how it runs. Language is invisible, but it binds people together."

Religion, a second window into culture, was another catalyst for Ludwig. As an undergraduate at Drake University, her natural curiosity of how various religions functioned led her to the campus' divinity department and later to Buddhism.

Of the dozens of countries Ludwig has traveled to, India remains her favorite, partly because of the country's multifaceted culture. But also because India is the birthplace of Hinduism and Buddhism, her travels there held more meaning and took the form of a pilgrimage.

### Still moving, still growing

While India is the favorite destination of Ludwig, Welch



*Jeannette Ludwig and Claude Welch in Silverman Library, where some of their photos are exhibited.  
Photo: Meredith Forrest Kulwicki*

the globe, the couple aims to inspire future generations of students to embark on journeys of their own.

"I see this collection as a legacy that plants a seed, a lure to get people out into the world. If someone sees a photo and wants to go there, then our job is fulfilled," says Ludwig, associate professor emerita in the Department of Romance Languages and Literatures.

The collection, held in the UB Libraries Digital Collections, contains thousands of photos from their personal and academic trips around the world. Their images capture nearly two dozen nations in sub-Saharan Africa, and the breadth of Western Europe and Asia.

However, Welch, SUNY Distinguished Professor Emeritus in the Department of Political Science and self-designated photographer, does not consider himself a traveler. Welch, a pioneer in the study of human rights, particularly in Africa, collected many of the images while conducting research.

Rather than an assortment of vacation photos, the images taken over the course of decades instead serve as a

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## WORK IN GREEK REFUGEE CAMP TRANSFORMS VIEW OF HEALTH CARE

By Marcene Robinson

**B**efore returning to campus for their first week of classes in fall 2017, nine UB nursing and dental students traveled 5,000 miles to the Greek island of Lesbos to take part in an experience that can't be recreated in a lab or lecture hall.

The students, along with several UB faculty and staff members, journeyed across the world to provide free screenings and emergency dental and health care to hundreds of refugees displaced by the civil war in Syria and ongoing conflict in the Middle East.

The weeklong humanitarian mission, which began July 26, was a partnership between the UB's schools of Dental Medicine and Nursing; the George Washington University School of Medicine and Health Sciences, whose students and faculty treated refugees affected by PTSD; and DocMobile, a non-governmental organization (NGO) providing medical care to remote areas of Greece.

"Regardless of your opinion on the matter of refugees, everyone is human and deserves to have the same opportunities for medical and dental care," says dental student Sara Perrone.

"Dentistry was the type of help I was able to offer, and I'm happy that I was able to do something about the crisis other than read about it in the news."

Added Ilyana Rahman, a student earning her Doctor in Nursing Practice (DNP): "This experience provides students with the ability to respond to a global crisis and not sit idle while waiting for the crisis to resolve itself."

The Moria camp, the temporary home for thousands of refugees, has made headlines for its horrendous living conditions.

The UB mission marked the first dental care received by refugees living in the camp in more than a month, and the first time the area was visited by advanced practice nurses.

Nursing students, faculty and staff set up a clinic in the form of an urgent care setting to treat pressing medical issues that ranged from orthopedic injuries and stomach inflammation to ear infections, head lice and scabies. Anxiety was also addressed through relaxation and breathing exercises.

Their counterparts in the School of Dental Medicine

worked from a portable dental unit that provided them access to water and suction. Cleanings, fillings and extractions were performed to treat cavities, the most common oral health need among the refugees. Because it was not known when a dentist would again visit the camp, teeth with large cavities were pulled.



The UB team at Lesbos, led by Joseph Giambacorta, far left

Children received fluoride treatments, toothbrushes and toothpaste, and were instructed on oral hygiene. Faculty also trained medical volunteers at the camp to apply fluoride varnish, and donated medical supplies and equipment so that the treatment would remain sustainable.

But the greatest gift the students provided to the refugees was the glimpse of hope that someone cared about their condition, says Molli Olden-

burg Warunek, clinical assistant professor of nursing who traveled with the group.

Adds Linda Paine Hughes, clinical assistant professor of nursing who also traveled to Greece: "Being treated as human beings rather than refugees can be a life-changing experience for the individual."

The collaborative program between the School of Nursing and School of Dental Medicine also provided students with experience working in a stressful environment with limited resources, as well as a new appreciation for treating patients with cultural humility.

"We exposed the students to a world crisis and gave them the opportunity to work first-hand with NGOs and refugees while also improving their quality of life," notes Joseph Gambacorta, assistant dean for clinical affairs in the School of Dental Medicine who led the team of dental students. The next step, says Tammy Austin-Ketch, clinical professor and assistant dean for MS/DNP programs in the School of Nursing, is to pay it forward.

"This global humanitarian health experience encourages students to culturally immerse themselves," she explains. "They can then bring back information that can be used in practice to enhance care in Western New York immigrant populations, inspire other students to go on future missions and raise awareness of the problems facing refugees around the globe." 🌐

*Marcene Robinson is a news content manager for University Communications.*



## GLOBAL INNOVATION CHALLENGE

By David J. Hill

To develop their winning idea at the 2017 Global Innovation Challenge, team United Youth looked to their own individual experiences for inspiration.

Two of the four group members — Hemanta Adhikari and Pemba Sherpa — are refugees from Nepal. Another, Rosy Zel, is an immigrant from Myanmar. All three freshmen understand the role education can play in the life of an immigrant, as well as how important social support systems are to helping newcomers adjust to life in America.

“We know the importance of education because the school system in our country was not that great. That was one of the reasons we moved to the United States. Ever since we were young, we saw education as way to get rid of poverty in the world,” Adhikari said.

United Youth, which also includes Nicole Little, who graduated with a bachelor’s in architecture in May, proposed a social support network for high school-aged refugee students in Buffalo, with a focus on International Prep, Lafayette and Riverside high schools because of their high concentration of refugee students and low graduation rate.

“Our main goal is to facilitate a two-tier, social-support structure for newly arrived high school-aged refugees in order to improve both short-term health needs and positively influence long-term health needs,” Zel said.

These support networks will help high school-aged refugee students break through the non-academic barriers they face, including trauma they’ve experienced, bullying and feeling a loss of identity. “There are a lot of academic programs, but the graduation rate for refugees is still very low,” said Little, noting some of the other impediments newly arrived refugee high school students face.

The idea is to pair newly arrived refugee high school students with former refugees who can serve as mentors. In addition, group meetings will take place monthly to offer further support and guidance in an effort to bridge the

gap between Western culture and the student’s native customs, especially when it comes to health and well-being.

In all, five groups presented ideas. United Youth won the overall award, while RHAT Pack won the Innovation Award.

This was the second annual Global Innovation Challenge. The event, which is sponsored by UB’s Community of Excellence for Global Health Equity, is an intensive, weeklong

workshop where ideas to address a specific global health issue are developed, challenged, changed and refined.

“I know it’s been a really intense week,” CGHE Co-Director Pavani Ram told the student teams moments before the winners were announced Friday afternoon following the judges’ deliberation. “I



“The Bridge” team (from left): Bianca Kohli, Chrys Terrado, Kellie Schmit, Rachel Daws and Dipesh Patel. Photo: Meredith Forrest Kulwicki

think you can see what happens when you put numerous minds together from different disciplinary perspectives, how you can transform an idea and make it into something really new and bold.”

“Our larger vision has to do with the continuity of care and improving overall health and well-being, and the specific challenge we’ve taken on has to do with bridging that gap between Western and non-Western cultures of care,” added CGHE Co-Director Korydon Smith.

Students spent the first two days of the week hearing presentations from three GIC fellows — Grace Karambizi, Steven Sanyu and Saladi Shebule — and several guest UB faculty and community partner presenters.

Next they formed groups and began formulating their ideas and pitches, receiving feedback and coaching from the fellows along the way. On Friday, each team pitched its idea to the judges.

A synopsis of each group’s idea:

- Language Access (Harris Bresowsky, Riyam Wannas and Ko Meh) proposed addressing the shortage of female interpreters in health care settings. “This is a huge problem. The absence of language access results in the use of untrained friends and family to address their needs, and in a lot of cases they use their children to interpret for them at their appointments,” Wannas explained.

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## MONITORING THREATS TO BIODIVERSITY

By Charlotte Hsu

**S**outh Africa's Cape Floristic Region is one of the richest repositories of plant life in the world.

Here, about 20 percent of Africa's flora grows in a landscape that accounts for less than 0.5 percent of the continent's area, according to the United Nations Educational, Scientific and Cultural Organization (UNESCO). The diversity of plant life is among the highest on the plan-

ed areas forming a UNESCO World Heritage Site.

The system is capable of detecting abnormal changes in fynbos plant life. This is no easy task, as it requires distinguishing between unnatural aberrations — such as declines resulting from drought, development or climate change — and natural variations caused by wildfires, which are common in the region.

As Wilson explains, land in the fynbos burns roughly every six to 20 years, and fires are an important part of the life cycle of many local plants. The seeds of some species,



A view of the Cape Floristic Region. Photo: Adam Wilson

et. About 69 percent of the region's estimated 9,000 plant species live nowhere else in the world.

Now, a team of scientists including UB biogeographer Adam Wilson has won a United Nations data prize for creating a digital tool for monitoring threats to this biological jewel.

The researchers — including Wilson, assistant professor of geography; ecologist Jasper Slingsby from the South African Environmental Observation Network (SAEON); and data scientist Glenn Moncrieff from Ixio Analytics in South Africa — were one of six winning teams in U.N. Global Pulse's Data for Climate Action Challenge, which asked scholars to use private sector data sources to address problems tied to climate change.

The group won the competition's Thematic Award for Climate Mitigation. The competition was hosted by U.N. Global Pulse — a flagship innovation initiative of the U.N. Secretary-General that aims to accelerate discovery, development and scaled adoption of big data innovation for sustainable development and humanitarian action — in collaboration with Western Digital Corporation and with support from the Skoll Global Threats Fund.

Wilson traveled to Bonn, Germany, to receive the award on Nov. 12, 2017 at a companion event to the Sustainable Innovation Forum, a side event to COP23, the annual U.N. Climate Change Conference that took place Nov. 6-17.

### Aiding conservation of South Africa's fynbos

The digital tool the team created is a system that maps and analyzes vegetation in the fynbos, a belt of shrubland in the Cape Floristic Region that includes parts of protect-

ed areas, grow in cones that only open naturally after fire. "Wildfire is an important part of the ecosystem, so there is a natural cycle of vegetation loss and recovery," says Wilson. "To monitor this ecosystem, you need to be able to identify changes that fall outside of these natural variations, and our system does this quite well."

"By detecting potential threats to the ecosystem in near-real time, our tool can inform the responses of conservation authorities, citizen scientists and policymakers," Slingsby says.

### Mapping threats to shrubland

The team's tool is called EMMA — the Ecosystem Monitoring and Management Application. It is still being piloted, but it includes an interactive, web-based map that researchers can use to compare expected vegetation status to actual changes seen in images from NASA's Terra and Aqua satellites, and from Planet, a private company that provided high-resolution satellite images of the Earth through the U.N. Global Pulse data challenge.

EMMA also includes a smartphone app that field rangers, landowners and citizen scientists can use to map locations where they have spotted specific plant species in the wild, along with threats such as invasive plants, landslides and illegal clearing of vegetation.

"Systems like EMMA have been very useful for monitoring forest ecosystems, but we don't have any way of doing this in non-forest ecosystems such as shrublands and natural grasslands, as far as I am aware," Moncrieff says. 🌐

*Charlotte Hsu is a news content manager for University Communications.*



## MALALA SPEAKS TO SELL-OUT CROWD ABOUT EDUCATION FOR GIRLS

By Ellen Goldbaum

President Satish K. Tripathi introduced the first speaker in the 2017-18 UB Distinguished Speaker Series Tuesday evening as “the woman who took on the Taliban because she wanted to go to school.”

But the very youthful—and what appeared to be a largely female—Alumni Arena audience didn’t need much of an introduction. The adoring, capacity crowd of 6,500 jumped to its feet to give a standing ovation to Nobel Peace Prize-winner Malala Yousafzai when she came out onto the stage.

The youngest person to have ever been awarded the prize, Malala received it in 2014 along with Kailash Satyarthi, who has dedicated his life to advocating against child labor in India.

The daughter of a schoolteacher who strongly believes in educational equality, Malala had to stop attending school in 2008 when the Taliban banned girls from going to school in her village in Pakistan.

Just 11 years old, she took her frustration to the web, blogging for the BBC under the pen name “Gul Makai” to protect her identity. The New York Times then made a documentary about the efforts of Malala and her father to promote education for girls.

When her school reopened in 2011, she began attending again, only to be shot in the face while on the school bus, targeted for advocating for girls’ education. Following a long recovery in a hospital in the United Kingdom, she published her memoir in 2013: “I am Malala: The Story of the Girl Who Stood Up for Education and was Shot by the Taliban,” co-written with journalist Christina Lamb.

“I didn’t want to be married at 13,” she told the UB audience. She knew that if she did, it would mean that she would become “wife, mother and grandmother, and never get the opportunity to be a woman, to be a human being.”

The Taliban’s attempt on her life, of course, had the opposite effect. “The extremists made such a big mistake,” she said, “because now I’m speaking out globally.” Her organization, the Malala Fund, works with local leaders around the world to foster access to education for girls.

Her goals are hardly modest. “I want to send all the girls to school. I want to send all 130 million girls who are deprived of education to school. I want to inspire more Malalas.”

After a brief formal talk, Malala sat down for a relaxed

chat with Liesl Folks, dean of the School of Engineering and Applied Sciences. Although they had never met, the two established an instant rapport. The conversation revolved around questions that had been texted, tweeted or that came from audience members at the arena.

“What can an average young person do to help you in your campaign?” Malala noted that young people know that they are still in school, are inexperienced and have a



Malala speaking with Liesl Folks. Photo: Nancy J. Parisi

“long journey” ahead of them. But, she said, “Do not underestimate the power you have in your voice.”

On the subject of refugees and the intolerance they experience, she said that people need to learn that refugees are created by conflict and war. “You don’t become a refugee by choice,” she said.

When asked about the intolerance expressed by some heads of state, she said that the answer to that is quality education that emphasizes harmony, tolerance and above all, knowledge. She discussed climate change, refugee camps and the power of social media to bring about change. Folks then noted that Malala’s work emphasizes providing girls with access to education in places where there isn’t any. “But women are also underrepresented, even where they have ready access to education,” Folks said.

Malala agreed, noting her disappointment when she came to this realization. “I was really surprised,” she said, adding “we have more women Parliament members in Pakistan than in the UK.” To reverse this, she said the responsibility starts with women. “Women need to first be brave, believe in yourself. Often you are the first person to stop yourself. So don’t stop yourself.”

Malala’s talk was co-sponsored by the Girls Education Collaborative, a Buffalo-based nonprofit, and the UB School of Management’s Center for Leadership and Organizational Effectiveness. 🌐



## PULITZER-PRIZE WINNING ALUM FROM MALAYSIA SHARES ADVICE

By David J. Hill

For those of you who are in the right field and doing what you love, you know this feeling — it's as though the planets have lined up. I just knew this is what I was supposed to be doing for the rest of my life."

Marcus Yam's unlikely path from aerospace engineering major at UB to Pulitzer Prize winning photographer began with a simple flyer. The Spectrum was recruiting new staff

postpone his visit when the newspaper sent him to Mosul, Iraq, on an extended assignment. He was able to spend a few days at UB last week, meeting with students and faculty and talking about his career as a visual storyteller. "When I graduated as a student here, I didn't think I was coming back ever again," Yam joked.

"Marcus' journey has been nothing but amazing and inspiring," Scott Weber, UB's vice president for student life, said in introducing Yam to a crowd of faculty, staff

and students who came to hear him speak and show a few highlights of his work. "His success illustrates the idea presented in a National Science Foundation report that a degree is not an identity or a destiny."

In the 11 years since he graduated, Yam has traveled the globe photographing celebrities and capturing the raw emotion of natural disasters, protests and terror attacks. This summer, Yam covered the Coachella music festival in California.

Yam has shared two Pulitzers, one as a member of the *Seattle Times* team that won for its coverage of the mudslides that killed 43 people in rural Washington state in 2014; the second was as a member of the *Los Angeles Times* staff that won for its coverage of the San Bernardino, California, terrorist attack in 2015.

Sometimes, Yam said, he looks to capture the absurd, like when he photographed a guitar-wielding man, dressed like a ram, at Coachella. Other times, it's about relating, such as when he photographed a motorist who was just looking to get home after what must have been a long day but couldn't because his car was caught in the middle of a protest in Los Angeles. And other times, the best photos are the result of persistence and fighting through the crowd.

"It always is worth it just to go the extra mile to see what's around the corner," he said.

"Love what you do, and throw yourself into it whole-heartedly," Yam told graduate students as part of the annual Career Perspectives and Networking Conference.

Yam also joined fellow UB alums for a panel discussion on "Building a Fulfilling Career vs. Having a Job: An Intropective Look." They shared their collective wisdom with about 100 graduate students on topics ranging from why networking skills are important to how to turn impatience into positive work opportunities. 🌐



Marcus Yam discusses his career as a photojournalist. Photo: Brittany Sandor

members by advertising that contributors could receive English course credits for writing articles or taking photos.

The flyer was especially appealing to Yam who, as an international student — he was born in Malaysia — needed to fulfill a certain number of course credits in English. "I thought, that's an easy way to get credits, even better than taking an English class. So out of sheer laziness,

I signed up and bought my first camera and was immediately hooked on taking pictures," Yam, a 2006 graduate of UB's School of Engineering and Applied Sciences, recalled Friday during one of two talks he gave in the Student Union Theater.

Yam's work at The Spectrum caught the attention of John Davis, then the design director for the Buffalo News, who offered him an internship. "That internship changed my life," Yam said. "For those of you who are in the right field and doing what you love, you know this feeling — it's as though the planets have lined up. I just knew this is what I was supposed to be doing for the rest of my life."

Yam is now a staff photographer at the Los Angeles Times. He was originally scheduled to come to campus last spring for a communicators conference but had to

## UB AGAIN AMONG TOP UNIVERSITIES HOSTING INTERNATIONAL STUDENTS

By Michael Andrei

For the 15th straight year, UB is among the top 25 U.S. institutions hosting international students.

UB is ranked No. 21 by the Institute of International Education (IIE) in the institute's 2017 Open Doors Report on International Educational Exchange, released today in Washington, D.C.

The census of international students at UB in fall 2016 totaled 7,252, including 2,188 students on post-graduation Optional Practical Training, according to the Open Doors report. The number places UB third in New York State, behind only New York University and Columbia, and ahead of all other SUNY institutions. UB has a total enrollment of 30,648 students.

UB's international students hail from 112 different countries. The largest numbers come to the university from China, India, South Korea, Canada, Iran and Turkey.

"The fact that UB has retained its ranking in this highly competitive space reflects the extraordinary efforts of our International Enrollment Management staff led by Joseph Hindrawan," says Stephen Dunnett, vice provost for international education.

"Joe and his colleagues now recruit around the world, year-round, to find excellent students for UB," Dunnett says. "As our numbers grow, we are more mindful of our efforts to facilitate the inclusion and engagement of international students to ensure their retention and long-term success at UB."

New York State, with a total international enrollment of 114,316 students, is second among the 50 states for international student enrollment, according to the report. The figure represents an increase of 7.1 percent over last year.

"With the implementation of our comprehensive inclusion and engagement strategy," says Dunnett, "UB will become even more attractive for international students, whose institutional choices still depend very much on the recommendations of fellow students."

Hwan Lee, a third-year student from Busan, South Korea, chose UB for the opportunities presented by the university's biomedical research programs.

"I am a biotechnology major, and plan to work in the field after I graduate," says Lee, "ideally, in biomedical research near a hospital. I would recommend UB to anyone interested in the medical or biological fields.

"UB is very diverse, and I have met many different people from around the world, which I have greatly enjoyed," Lee adds.

The diversity of the campus community is also a favorite point about UB mentioned by Gordon Tan, a fifth-year student from Singapore who is pursuing a Ph.D. in geography.

"One of the things I have enjoyed most about UB is in-

teraction with the faculty, and meeting so many people from around the world," Tan says.

Tan, who holds a bachelor's degree in accounting from Singapore Management University and an MBA from the UB School of Management, plans to pursue a career in academia.

"While I was working on my MBA, my adviser, Dr. Jessie Poon, who is also from Singapore, suggested I focus on international trade. A Ph.D. in geography is a good fit for me," says Tan.

Ran Wang, a seventh-year student from Beijing, is working on a Ph.D. in linguistics. Ran, who came to UB with a BA from Capital Normal University in Beijing, is planning a career in academia.

"I would say my best experience during my time at UB is meeting so many people from around the world," says Wang. "I have been exposed to many different ideas and ways of thinking, and I am a more open-minded person as a result."

Doeun Park is a fourth-year student from Seoul, South Korea, majoring in accounting.

"I am planning to work here in the U.S. for the first five or six years after I graduate," he says. "I haven't thought too much beyond that right now."

Park, a sergeant on active reserve in the South Korean military, took advantage of a study abroad program. He is enrolled in the School of Management Undergraduate Honors Program, and hopes to work for one of the Big Four accounting firms.

"I met many more people once I became involved in more of the programs at the School of Management," he says. "UB offers many opportunities for students outside of the classroom, as well as inside."

According to the Association of International Educators (NAFSA), economic benefits gained from international students attending UB bring an economic impact of \$184.7 million to Western New York, which supports 2,230 jobs.

In the fall of 2016, the number of international students enrolled in U.S. higher education decreased to 903,127 — up 3.4 percent versus 7.1 percent last year. International students represent just over 5 percent of the more than 20 million students enrolled in U.S. colleges and universities.

According to the 2017 Open Doors report, 60.3 percent of international students at institutions across the U.S. rely on personal and family resources as their primary source of funding.

The Open Doors Report is published annually by the IIE in partnership with the U.S. State Department's Bureau of Educational and Cultural Affairs. The 2017 Open Doors report was released on the occasion of the 18th annual celebration of International Education Week, a joint initiative of the U.S. State Department and the U.S. Department of Education. 🌐

## BRUNEAU NAMED CANADIAN ACADEMY OF ENGINEERING FELLOW

By Peter Murphy

Michel Bruneau, a professor in UB's Department of Civil, Structural and Environmental Engineering received his third major award of 2017, when he was inducted as a Fellow into the Canadian Academy of Engineering (CAE).

tion signifies a well-deserved honor based on his contributions to structural and earthquake engineering. Michel has and continues to be one of the most influential researchers in structural and earthquake engineering. We are proud of his contributions and this distinction."

Bruneau is recognized, nationally and internationally, for the impact of his innovative research contributions to the design of steel structures subjected to earthquakes and blasts, and for his significant contributions to design codes and standards.

He has authored over 500 technical publications and is one of the most cited researchers in structural engineering.

His work has defined disaster resilience in a manner that has since driven research in this field, and he is lead author of a textbook that is the reference for the seismic design of steel structures. He led the development of the world's most versatile

earthquake engineering testing facility.

Bruneau was born in Quebec City, Canada, and studied as an undergraduate student at the Université Laval, Québec in 1983. He received his Ph.D. in structural engineering from the University of California, Berkeley in 1987. He joined UB in 1998.

Bruneau and other new Fellows were honored at the CAE's 2017 Annual General Meeting and Symposium in Ottawa, Ontario on June 26.

The CAE was established in 1987 as an independent, self-governing and non-profit organizations. It is a national institution comprised of Canada's most distinguished and accomplished engineers.

It is through this institution that Canada's most experienced engineers provide strategic advice on matters of critical importance to Canada. Members of the CAE are nominated and elected by peers to honorary Fellowships based on their achievements and career-long service to the engineering profession. 🌐



CAE President Douglas Ruth (l) and Michel Bruneau. Photo: Jordan P. Wines

Bruneau is regularly recognized by national and international organizations and has received numerous honors for his research contributions.

Over the course of his career, Bruneau has contributed to the development of codes and standards, bridge engineering and structural and earthquake engineering. He is an author or co-author on over 500 technical publications and is one of the most cited researchers in structural engineering.

According to his CAE Fellow induction notice, "His work has defined disaster resilience in a manner that has since driven research in this field, and he is lead author of a textbook that is the reference for the seismic design of steel structures. He led the development of the world's most versatile earthquake engineering testing facility."

"Professor Bruneau earns the distinguished honor of Canadian Academy of Engineering Fellow," said Joseph Atkinson, Professor and Chair of the Department of Civil, Structural and Environmental Engineering, "this distinc-



## INTERNATIONAL ACTIVITIES OF FACULTY AND STAFF

### SCHOOL OF ARCHITECTURE AND PLANNING

#### Department of Architecture

**Brian Carter**, professor, and **Annette W. Lecuyer**, professor, were appointed as the 2017 International Architects in Residence at the University of Auckland. During their residency in July-August 2017, they taught a graduate design studio and gave public lectures in Auckland, Christchurch and Wellington.

**Stephanie Davidson**, visiting assistant professor, and Georg Rafailidis, associate professor, have been named Visiting Professors for the fall term 2017 at the Daniels Faculty of Architecture, University of Toronto to direct an option research studio to pursue ongoing material research in paper / fiber casting and temporary structures in collaboration with the Material Culture Research Group at the University at Buffalo where graduate architecture students will be working on aligned projects. Field trips between Buffalo and Toronto will allow for crosspollination of studio cultures, research methods and pedagogical models offered by the distinct institutions of the University of Toronto and the Buffalo School of Architecture and Planning.

#### Department of Urban and Regional Planning

**Daniel B. Hess**, professor, attended and organized three sessions for the Cities After Transition Conference (CATference) in Kiev, Ukraine in September 2017. He also presented a study there entitled "New Perspectives on Housing Estates: Planning, Policy, and Persistent Challenges." At the October 2017 Annual International Architecture and Urban Planning Conference at Riga Technical University, Latvia, he presented in research about "Network Connections and Neighborhood Perception: Using Social Media Postings to Understand Neighborhood Perceptions." He was also invited to address the Finnish Urbanism Foundation in Helsinki in April 2017, where he spoke about "Pathway to Intelligent Growth: Zoning in American Cities." In October 2017 Hess was a scientific reviewers for a doctoral research seminar in architecture at Riga Technical University in Riga, Latvia.

### COLLEGE OF ARTS AND SCIENCES

#### Department of Anthropology

**Ana Mariella Bacigalupo**, professor, received a grant from the Baldy Center for Law and Social Policy for her project "Shamanic Justice and International Human Rights in Chile: Judge Karen Atala's Transformative Vision and her LGBT Rights Child Custody Case." Bacigalupo conducted ethnographic and archival research in Southern Chile for this project between June 18 and July 18, 2017. Bacigalupo also received a grant from the Community for Global Health Equity to engage in collaboration and partnerships to Improve Health Equity in Northern Peru between July 19 and August 7, 2017.

**Jaume Franquesa**, assistant professor, gave a keynote lecture on September 6, 2017 at the 14th Conference of Spanish Anthropologists, held in Valencia, Spain. His lecture was titled, "Committed anthropology: Demystifying the real, rescuing the possible."

#### Department of Art

**Franck Bauchard**, clinical associate professor and director of the Arts Management Program and Techne Institute on arts and emerging technologies, participated in the symposium "new textualities in theatrical practices in the digital era" (University of Montpellier, October 13, 2017) and co-curated the event "Theater of the Anthropocene" in La Fabrique de Theatre (Belgium, November 13-18). Three students of the Arts management Program were invited to be part of this event with the support of Techne Institute and La Fabrique de Theatre.

**Harvey Breverman**, SUNY Distinguished Professor Emeritus, was invited to exhibit in the "4<sup>th</sup> Guangzhou International ExLibris and Mini-PrintBiennial" at the Art Museum of Guangzhou Academy of Fine Arts in China. It was sponsored by the Culture Department of Guangdong Province in February-March 2017. The work selected was

a large tondo engraving depicting Herbert Hauptman, the late Nobel-Prize-winning mathematician and UB faculty member, whom the artist had drawn on several occasions. Breverman was one of 80 artists (and the only American) invited to exhibit in the International Biennial "Grafica ed ExLibris (March 11-April 17, 2017) at Citta Di Casale Monferrato, Italy, organized by Gruppo Arte Casale. Reproduced in color in the catalog, Breverman's tondo copper engraving and drypoint featured the New York artist Sigmund Abeles.

In September 2017, **Elizabeth Otto**, associate professor, spoke at the Museum of Modern Art in a symposium on the German photographer August Sander along with an international cast of scholars and artists and members of the August Sander Foundation, based in Cologne. *Passages of Exile*, a volume on creative people of the twentieth century in transit that she coedited with Burcu Dogramaci of the Ludwig Maximilian University in Munich, was published in October 2017 by Edition Text + Kritik. Otto is currently on a fellowship in North Caroline to complete her current book project, *Haunted Bauhaus*.

#### Department of Comparative Literature

**Rodolphe Gasché**, SUNY Distinguished Professor and Eugenio Donato Chair, has been an invited participant at two roundtables at a workshop on "Derrida übersetzen" in November 2016 at the IFK (Internationales Forschungszentrum Kulturwissenschaften) in Vienna, Austria. On that occasion he also gave two radio interviews, one for Radio Austria, and another for Radiokolleg Austria. For all of July 2017 he was a guest scholar at the Max Planck Institute for the History of Science in Berlin, Germany. In August 2017 he presented a paper entitled "Infinitely Finite," at an International Workshop on "Finitude La Finitud" in Mexico City, at the Centro Horizontal. In September 2017 he delivered the keynote address at an International Conference on The Idea of Europe: The Clash of Projections, with a lecture entitled: "An Idea Beyond the Idea: Europe in a Post-European Era." He published "En a-t-on fini avec l'empire du jugement?," in Jacques Derrida. *La philosophie hors de ses gonds*, ed. M. Goldschmit, Paris: Editions T.E.R., 2017, pp. 73-91.

#### Department of Economics

**Alex Anas**, Frank H. and Josephine L. Goodyear Professor and chair, attended the 2017 annual International Transportation Economics Association conference in Barcelona, Spain, June 21-23, where he presented the paper "How and how much do public transportation megaprojects induce urban agglomeration? The case of the Grand Paris Project" co-authored with Huibin Chang of the University of International Business and Economics, Beijing. Anas presented the same paper at the First Workshop on Urban and Regional Economics, June 27-29, held in Bogota, Colombia and sponsored by the Universidad Javeriana and the Central Bank of Colombia at Cartagena. At the Bogota Workshop he also gave a keynote address titled "Perspectives on Transportation Economics."

**Isaac Ehrlich**, SUNY Distinguished Professor and Melvin H. Baker Professor of American Enterprise, was invited to give a lecture at the Asian Developing Bank Institute and the Asian Growth Research Institute (ADBI-AGI) conference "Public and Private Investment in Human Capital and Intergenerational Transfers in Asia" in Kitakyushu, Japan, Nov. 14-15, 2017 on Ehrlich's work in process "Testing the role of public higher education as engine of sustainable growth – the case of the US."

**Yun Pei**, assistant professor, presented his paper "Optimal Sovereign Defaults in the Presence of Financial Frictions" at the Tsinghua Workshop in International Finance and Monetary Policy at Tsinghua University in Beijing, China on May 26, 2017.

**Paul Zarembka**, professor, made presentations at three international conferences in September and October 2017. The first was in Berlin,

Germany for a conference of some 400, sponsored by the International Initiative for the Promotion of Political Economy. He presented an outline for a book he is working on tentatively entitled *Limitations of Marx's Revolution in Political Economy*. He argues that Marx made a very important theoretical revolution in political economy, but further progress requires recognizing that Marx himself pulled away from Hegel's influence while, as a separate matter, leaving an incomplete legacy on such matters as the accumulation of capital -- an issue Rosa Luxemburg subsequently addressed. Marx did recognize that the state does sometimes engage in conspiracy against its own people and Marxists should be unafraid of considering such events as possible in the United States. Zarembka then participated in a workshop at the University of Lausanne, Switzerland, as to whether Nikolai Sieber could be considered the first Russian Marxist. Sieber was a scholar in Kiev whose work in 1872 was complimented by Marx himself. Finally, Zarembka participated in the conference in Winnipeg, Canada on "Revolutions", both with regard to his being General Editor for the annual publication *Research in Political Economy* (Emerald) as well as presenting his work on the above book.

#### Department of English

In summer 2017 **Jerrold C. Frakes**, SUNY Distinguished Professor, published two books on early Yiddish literature: *The Emergence of Early Yiddish Literature: Cultural Translation in Ashkenaz*. Bloomington: Indiana University Press, 2017; and *A Guide to Old Literary Yiddish*. Oxford: Oxford University Press, 2017.

In Summer 2017, **Judith Goldman**, assistant professor, had a video installation, "Ice Core Modulations: Performative Digital Poetics," featured in the International Symposium on Electronic Art at Universidad de Caldas in Manizales, Colombia. The video is a collaboration with Bridget Baird, professor of computer science at Connecticut College and Andrea Wollensak, a visual artist at Connecticut College. In September of 2017, Goldman did a reading tour in the UK for her new book, a hybrid of criticism and poetry, *agon* (The Operating System 2017), performing her poems for the Royal Holloway Poetics Research Centre, University of London; the Creative Writing Department in the School of Critical Studies, University of Glasgow; and in the independent poetry series Peter Barlow's Cigarette in Manchester. During this trip, Goldman also participated in a seminar and improvisational, collaborative performance at the Wordsworth Trust in Grasmere, around key pages of Wordsworth's late compositional manuscripts. The event was convened by Jeffrey Robinson (University of Glasgow) and also featured poets Andrea Brady and Peter Manson.

In November 2017, **Walter Hakala**, associate professor, gave a paper at the Kyungpook National University annual Humanities Conference and the keynote talk at the British and American Literature Association of Korea meeting at Keimyung University in Daegu. Hakala also met with colleagues in the Asian Studies Department at Seoul National University and the Hindi Department at Hanguk University of Foreign Studies.

The Wooster Group, New York's most celebrated experimental theater group, has mounted a production based on SUNY Distinguished Professor **Bruce Jackson's** 1964 work in Texas Prisons: The B-Side: "Negro Folklore from Texas State Prisons." It is primarily based on a 1965 LP album of that title; it also includes material from Jackson's *Wake Up, Dead Man* (Harvard University Press, 1972), and *Afro-American Worksongs in an American Prison*, a film Jackson made with Pete Seeger in 1966. The production had its world premiere at the Taipei Arts Festival September (September 8-10, 2017). The production then went to Korea for two performances (September 23-24) at the Asia Arts Center, Gwangju. It opens for a month in New York City October 25, then comes Buffalo for four performances (February 8-11, 2018).

In December **Arabella Lyon**, professor, will give an invited lecture, "Confucian Relationships and Deliberative Acts," at University of Canberra's Centre for Deliberative Democracy and Global Governance.

She gave a conference paper, "Confucian Audiences and the Difficulty of Other Minds," for the seminar "Psyche, Suasion, Style: Comparative Rhetoric and the Mind" at the American Comparative Literature Conference in Utrecht, July 2017.

**Cristanne Miller**, SUNY Distinguished Professor and Edward H. Butler Chair, delivered a paper on "Moore's 'Marriage' and Whiteness: Occidental and Oriental Threads from a Poetry Notebook" at the Modernist Studies Association in Amsterdam, the Netherlands in August 2017.

**Randy Schiff**, associate professor, presented a paper, "Managing Time and Ethnicity beyond Benoit's and Chaucer's Troy," while participating in the Trojan Temporalities: Constructing Hybrid Antiquities in Medieval Troy Narratives International Workshop, which was held at the Freie Universität in Berlin, Germany, from August 31-September 2, 2017.

**Tanya Shilina-Conte**, assistant professor, gave a paper, "Selective and Elective Mutism: Adorno's 'Cinema of Negativity' and Deleuze's 'Minor Cinema'" at the Film-Philosophy Conference in Lancaster, UK in July 2017. She also curated the riverrun Global Film Series at the Burchfield Penney Art Center in October 2017, with a focus on Cuban Cinema and Culture.

#### Department of Geology

In July and August 2018, **Jason Briner**, professor, led a field research team in southwestern Greenland. Briner's research group included three UB Geology graduate students--**Allison Cluett**, **Brandon Graham** and **Alia Lesnek**--and a UB Geology alumnus, **Nicolás Young**, and was part of an National Science Foundation (NSF)-funded grant focused on improving knowledge about Greenland Ice Sheet response to global warming and sea level rise predictions. The team worked in remote areas at the margin of the ice sheet, maintained several tent camps and were deployed by helicopter. The total field season duration was about six weeks, during which the team had six different camps where they collected geologic samples that they are currently analyzing.

From June 13 to August 23, 2017, **Louis Anthony Buccella**, an MA student of **Mary Alice Coffroth**, professor, was in Japan on a research internship through the Japan Society for the Promotion of Science (JSPS). The centerpiece of the JSPS Summer Program is the fellow's internship at a host research institution, where they take part in research activities with frontline Japanese researchers in their respective fields. Buccella conducted research on coral colonies in the Okinawa region.

#### Department of History

**Andreas W. Daum**, professor of modern history, received in 2017 a Baird Society Resident Scholarship to spend three months at the Smithsonian Institution in Washington, DC to work on a new biography of Alexander von Humboldt (1769-1859), one of the world's early globalizers. He also participated in September 2017 in the 40<sup>th</sup> anniversary celebrations honoring the John F. Kennedy Memorial Fellowship at Harvard University's Center for European Studies. The Kennedy Fellowship promotes the interdisciplinary study of Germany, Europe and transatlantic relations. At the annual conference of the German Studies Association in October, he contributed to a panel on "Refugee Scholars and Forced Migration," a topic he has researched for years and is also documented in the volume edited by Andreas W. Daum, Hartmut Lehmann and James J. Sheehan entitled *The Second Generation: Émigrés from Nazi Germany as Historians* (New York: Berghahn Books, 2016).

**Kristin Stapleton**, professor and director of graduate studies, presented a paper at a conference on "Conceptions of the World in Twentieth-Century Chinese Historiography" hosted by Georg-August-Universität Göttingen, Germany, on October 26-27, 2017.

*Department of Jewish Thought*

**Richard Cohen**, professor, spent the spring 2017 semester as a visiting research professor at the University of Rome-La Sapienza, Department of Political Science, where he gave a series of lectures on modern political philosophy. Cohen received a \$70,000 NEH grant to support the 5<sup>th</sup> international Levinas Summer Seminar, “Emmanuel Levinas on Morality, Justice and the Political,” held at UB July 17-21, 2017. Cohen organized the symposium “Cosmopolitanism versus Globalization” on October 23-24, 2017 at UB; it involved presenters from various UB departments as well as from abroad.

**Alex Green**, assistant professor and director of undergraduate studies, has completed the manuscript for a new book focusing on the medieval Jewish philosopher and biblical exegete Joseph Ibn Kaspi, entitled *Joseph Ibn Kapi and the Meaning of History: The Bible as Historical Wisdom*.

**Noam Pines**, assistant professor, organized a two-day international symposium on “Jews and Melancholia” in March 2017 at UB.

*Department of Linguistics*

**Juergen Bohnemeyer**, professor, and **Jean-Pierre Koenig**, professor, each gave invited talks at the international conference entitled *Linguistics Perspectives on Causation*, which was held at the Hebrew University of Jerusalem in Israel from June 28-30, 2017. Bohnemeyer’s talk was titled “Causality across languages: state of the art,” and Koenig’s was titled “Why do we have the causal predicates we have?”

*Department of Mathematics*

**Lewis Coburn**, professor, was recognized with a workshop honoring his work. Titled “Functional Analysis and Operator Theory: In Honor of Lewis Coburn,” the workshop was hosted by Leibniz Universität Hannover, Germany on June 19, 2017 and featured presentations by Coburn and other distinguished mathematicians from several German universities.

**Yiqiang Li**, associate professor, delivered an invited talk on his recent progress on sigma-quiver varieties at 2017 Taipei, Taiwan workshop on representation theory of Lie superalgebras and related topics in July 2017. Li was later invited to present his work at colloquiums of Xiamen University and Shanghai Jiaotong University in China.

*Department of Media Study*

**Laura Kraning**, clinical assistant professor, screened her most recent short film, “Meridian Plain,” at numerous international film festivals in 2017, including the BFI London Film Festival, International Film Festival Rotterdam (Netherlands), 25 FPS Experimental Film and Video Festival (Zagreb, Croatia), Moscow International Experimental Film Festival (Russia), Hamburg International Short Film Festival (Germany), VideoEx International Experimental Film and Video Festival (Zurich, Switzerland), Alchemy Film and Moving Image Festival (Hawick, Scotland), and Antimatter Media Art (Vancouver, BC), and will have its French Premiere in November at the Rencontres Internationales Sciences & Cinémas at Muséum d’Histoire Naturelle de Marseille.

*Department of Philosophy*

**Barry Smith**, SUNY Distinguished Professor, has been appointed project lead by the International Standards Organization for an ISO standard top-level ontology. In addition, he recently gave talks on “The Four Phases of Philosophy and Its Present State” at the University of Vienna, Austria; on June 1, 2017 (“Four Phases of Philosophy and Its Present State”), on “What is the Difference between Goods and Services?” at the Japan Advanced Institute for Science and Technology, Kanazawa, Japan; on “Applied Ontology: A New Philosophical Discipline” and “Foundations of the Ontology of Law”) at Keio University, Tokyo, Japan; on “Why do we need upper-level ontologies?” at the International Applied Ontology Association (IAOA) Summer Institute on Upper Ontologies in Toronto, Canada. He also presented at the International Conference on Biomedical Ontology in Newcastle, England.

*Department of Psychology*

**Eduardo Mercado III**, professor and member of the Evolution, Ecology & Behavior program, served on the scientific committee of the Humpback Whale World Congress in Reunion Island, France, July 2017.

**Leonard Simms**, associate professor, spent six weeks in summer 2017 teaching in UB’s program at the Singapore Institute of Management in Singapore.

**SCHOOL OF DENTAL MEDICINE***Department of Oral Biology*

**Stefan Ruhl**, professor, was invited by the Brazilian Division of the International Association for Dental Research (IADR) to speak at a symposium during their Annual Meeting in September 2017 in Sao Paulo – Campinas, Brazil. The title of his presentation was “The Diagnostic and Therapeutic Potential of Bacterial Glycan Recognition in the Salivary Proteome.”

*Department of Oral Diagnostic Sciences*

**Richard Ohrbach**, professor, received an Exceptional Contribution Award from the International RDC/TMD Consortium Network on March 23, 2017; the business meeting was held in conjunction with the International Association for Dental Research (IADR), San Francisco. The award was for his service to that organization from before it was founded. Ohrbach was a consultant to the NIH grant that provided the start-up funding for the organization, was an executive officer when this separate organization was established in 2000 and met in conjunction with annual IADR meetings, was the first elected president serving a 4-year term, established the Consortium as a formal Network within the IADR, and has been chair of the Translations Committee as well as a member of the Executive Committee since 2000. The Translations Committee has approved over 200 translations of different research and clinical instruments into over 20 languages, with many more translations in progress. Most recently, Ohrbach established a young investigator award by the Network, sponsored by Quintessence Publishing, Inc, and the *Journal of Oral & Facial Pain and Headache*; the first award competition will potentially take place at the IADR to be held in London, 2018. The Consortium Network has been recently renamed to International Network for Orofacial Pain and Related Disorders Methodology (INFORM) in recognition to its past success in developing instruments and diagnostic standards for temporomandibular disorders, and it now targets a wider range of disorders.

Ohrbach was an invited participant to the closed workshop, ‘Orofacial and Head Pain (OF&HP) Classification Meeting’, held September 11-12, 2017 at Rutgers University, New Jersey. The goal of this workshop was to continue the taxonomy development process initiated 8 years ago at the Miami Consensus Workshop and progressed through subsequent workshops. This project will produce a new integrated standard, Diagnostic Criteria for Orofacial Pain (DC/OFPP), which will also incorporate the Diagnostic Criteria for Temporomandibular Disorders (DC/TMD) and of which Ohrbach was a co-lead author. The DC/OFPP will also serve as a diagnostic reference standard for incorporation into subsequent versions of two other recently released pain classifications: the chronic pain disorder classification developed by the International Association for the Study of Pain, and the revision of the standard headache classification developed by the International Headache Society. Participants at this workshop represented the following organizations: International Association for the Study of Pain (IASP), International Headache Society (IHS), American Academy of Orofacial Pain (AAOP), and the International Network for Orofacial Pain and Related Disorders Methodology (INFORM; previously known as the International RDC/TMD Consortium Network); and the participants were from the following countries: Australia, Brazil, Canada, Denmark, Finland, Germany, Israel, Italy, Japan, The Netherlands, Sweden, United Kingdom, and United States.

Ohrbach presented three lectures at the IV Congresso Internacional de DTM/DOF, Porto, Portugal, October 5-7, 2017. The lectures were:



(1) Etiology of TMD – The OPPERA studies; (2) Evolution of TMD Diagnosis – Part 1: The times they are a changin'; and (3) Evolution of TMD Diagnosis – Part 2: Next steps, international collaborations, and linking etiology with treatment. In addition, during the pre-congress, Dr Ohrbach presented a Masterclass: DC/TMD.

Ohrbach was awarded an honorary doctorate, Odont.Dr. (honoris causa) by Malmö University, Malmö, Sweden, on Oct 20, 2017. As part of the award process, on October 18, he presented a general lecture to the faculty and students in the School of Dentistry, Malmö University. The topic of the general lecture, "Successful Research Networks and Collaborations," was based on nearly 20 years of collaborative research with multiple projects and groups internationally. After a reception, he presented a seminar to the faculty and students, OP-PERA: Past, Present, and Future.

#### GRADUATE SCHOOL OF EDUCATION

*Department of Educational Leadership and Policy*

**Stephen L. Jacobson**, UB Distinguished Professor, was appointed to the honorary role of Visiting Professor (beginning Oct. 2017) at the University of Huddersfield, England, where he will deliver a series of invited lectures in summer 2018. He was also invited by the Institute for Educational Planning & Administration (IEPA) at the University of Cape Coast (UCC), Ghana to deliver a guest lecture in January 2018 and work with UCC faculty to help develop a potential partnership in educational leadership program with UB. Finally, Jacobson was named a Fellow of The Fund for the Advancement of Humanities and Social Sciences in Israel, where he will deliver invited lectures at Ben Gurion University and The Open University of Israel in March, 2018.

**Melinda Lemke**, assistant professor, recently published the following article: Lemke, M. (2017). Trafficking and immigration policy: Intersections, inconsistencies, and implications for public education. *Educational Policy*, 1-21 (online first). Lemke is also co-editing an accepted interdisciplinary special issue for the journal, *Children's Geographies*, with Sergei Shubin (Geography) and Anthony Charles (Law) of Swansea University, Wales, UK. The focus of the special issue is policy and programmatic responses to child and youth displacement within North America and Europe.

**Margaret Sallee**, associate professor, served as a visiting scholar at Simon Fraser University in Vancouver, Canada for a month in the fall semester. While there, she collaborated with Rebecca Cox, an associate professor in the Faculty of Education, on a joint research project on the experiences of community college students with children in the U.S. and Canada. Additionally, she gave several talks, both at Simon Fraser University and at the University of British Columbia, on her research on work/family policy in colleges and universities.

*Department of Learning & Instruction*

**X. Christine Wang**, associate professor and director of the Fisher-Price Endowed Early Childhood Research Center, presented two papers entitled "'Sometimes the Internet doesn't know everything': Children's epistemic reasoning in science inquiry" (Wang) and "Kindergarteners' reading behaviors with multimodal digital texts and comprehension outcomes" (Christ & Wang) at the biennial meeting of European Association for Research on Learning and Instruction in Tampere, Finland in September. Her collaborator (Strekalova-Hughes) and Wang also presented a paper entitled "Agency and voices of parents: Refugee families' storytelling with young children" at the annual meeting of European Early Childhood Educational Research Association in Bologna, Italy in September. In October, Wang will present a keynote talk entitled "Young children's epistemic reasoning in classroom-based scientific inquiry projects" at the Conference on Early Childhood Education in the Era of Scientific and Technological Innovation: STEM in Early Childhood Education (hosted by Chinese Society of Education) in Shanghai, China, as well as an invited talk entitled "Crossing the boundaries of reading and playing: Young children's engagement with multimodal digital text with peers" at Jiangxi Normal University in Nanchang, China.

#### SCHOOL OF ENGINEERING AND APPLIED SCIENCES

*Department of Chemical and Biological Engineering*

**Paschalis Alexandridis**, UB Distinguished Professor, visited Japan in October 2017 at the invitation of the Japan Society of Colour Material (JSCM) to participate at the 90th Anniversary JSCM Conference held in Tokyo. Alexandridis presented there a lecture on "Amphiphiles in Colloidal Dispersions: Solution and Surface Organization". While in Japan, Alexandridis gave seminars on "Amphiphilic Polymers: Structure in Aqueous Solution and on Surfaces/Interfaces" at the Advanced Research Center of Shiseido Co., Ltd., in Yokohama, on "Amphiphilic Polymers in Solution and on Surfaces: Nanostructure Leads to Function" at the LION Corp. Functional Materials Science Research Laboratories in Tokyo, and on "Amphiphilic Polymers at Solid-Water and Oil-Water Interfaces" at the Department of Materials Chemistry, Faculty of Engineering, Shinshu University in Nagano, hosted by Professor Toshio Sakai. During summer, Alexandridis hosted in his laboratory at UB Mr. Sylvain V. Duparc, graduate student at the École Nationale Supérieure des Ingénieurs en Arts Chimiques et Technologiques (INP-ENSIACET) in Toulouse, France, who did an internship on polymer dissolution.

*Department of Civil, Structural and Environmental Engineering*

**Michel Bruneau**, professor, is the lead author of the November 2017 Quake Centre report "Reconstructing Christchurch: A Seismic Shift in Building Structural Systems." After the 2010–2011 Canterbury earthquakes in New Zealand, much of the Christchurch Central Business District (CBD) was demolished, and a new city has emerged in its place. From a structural engineering perspective, to date, the new "heart" of Christchurch is quite different from the old one. Where reinforced concrete buildings dominated the urban landscape, with almost all multistory buildings relying on RC frames or walls to resist earthquake shaking, the emerging Christchurch has a variety of structural forms, an extensive number of steel structures, and a number of structural systems introduced to make the new buildings of Christchurch more seismically resilient. This report describes a study conducted to (a) quantify the extent to which various types of structural system have been used in the new buildings constructed by early 2017, and (b) identify some of the drivers that have influenced decisions about the selection of structural material and specific structural systems used. The study involved a series of interviews with the structural designers of more than 60% of the post-earthquake buildings constructed to date in Christchurch's CBD (i.e., 74 buildings), as well as with engineers from Wellington and Auckland, an architect, a project manager, and a developer. Data was also collected from various sources (including Christchurch's City Council database), and quantitative information on structural forms and decision drivers has been assembled for the 74 buildings considered. The report provides insights into some of the mechanisms that can dictate structural engineering decisions during the post-earthquake reconstruction of a modern city. The Christchurch experience may be unique today, but it could repeat itself in other similarly developed cities worldwide after future devastating earthquakes.

**Andre Filiatrault**, professor, presented a keynote lecture entitled Seismic Testing of Nonstructural Building Components: Needs and Recent Advances at the 7th International Conference on Advances in Experimental Structural Engineering (7AESE) held in Pavia, Italy on April 6-8, 2017. Filiatrault will be co-presenting with Professor Michele Calvi from the University School of Advanced Studies in Pavia, Italy a two-day Seismic Engineering Workshop entitled: Issues in Displacement Based Design and Assessment in Vancouver, Canada on September 18-19, 2017. This workshop was part of the International Association for Bridge and Structural Engineering (IABSE) Symposium held in Vancouver on September 20-23, 2017. Filiatrault will be presenting an invited lecture entitled Supplemental Damping and Seismic Isolation for Non-structural Elements at the 2017 Hilti Seismic Academy held in Milan, Italy on October 24, 2017. He will be teaching a two-day short-course entitled Seismic Design and Analysis of Non-structural Building Components in the Department of Civil En-

gineering at McMaster University in Hamilton, Canada on November 23-24, 2017.

#### *Department of Electrical Engineering*

**Huamin Li**, assistant professor, was interviewed by his alma mater, Sungkyunkwan University (SKKU), Korea, a partner of UB. The interview was published on the SKKU homepage and SKKU News. Li graduated from SKKU with a M.S. degree in Mechanical Engineering and a Ph.D. degree in Nano Science. In the interview, he introduced UB to SKKU students, and talked about his Ph.D. study on nanoscience and nanotechnology in SKKU as well as his new research on emerging nanoelectronics in the UB Electrical Engineering Department.

**Kwang W. Oh**, associate professor, was invited to visit Bendong Liu's laboratory at Beijing University of Technology during the last week of August, 2017. Liu is currently a chair in Department of Mechanical Design and Theory at College of Mechanical Engineering and Applied Electronics Technology, Beijing University of Technology, China. He was a visiting scholar in Oh's SMALL (Sensors and MicroActuators Learning Lab) laboratory at UB for one year from January 2015 to January 2016. The research topic was microfluidic devices based on the gas permeability of silicone rubber (e.g., PDMS) for BioMEMS endeavors when Liu was in Oh's lab, which was very fruitful and enlightening. During this short visit, they had a great opportunity to discuss potential collaboration for particle/cell capture and treatment using controllable microbubbles via an ultrasonic actuation. Also, Oh gave a brief introduction of UB programs and the research activities at his SMALL lab to graduate students. Through this visit to Beijing University of Technology, he expects to bring more attention to potential students and collaborators.

#### *Department of Industrial and Systems Engineering*

**Jun Zhuang**, associate professor, and Chen Wang of Tsinghua University, China co-chaired the International Conference on Risk Analysis, Decision Analysis and Security, in Beijing, China, July 21-23, 2017. The topics include risk analysis, decision analysis, game theory, homeland security, risk perception, risk communication, community resilience and disaster management. About 60 researchers from the United States, China, Singapore, Norway, Korea, Thailand, and Tunis participated in this conference. Vicki Bier (University of Wisconsin-Madison) gave a keynote speech on "A career of risk and uncertainty."

#### *Department of Mechanical and Aerospace Engineering*

**Deborah Chung**, professor, gave a keynote lecture titled "Dielectric behavior of carbon materials" at the International Conference on Carbon (a part of RACI Centenary Congress 2017) in Melbourne, Australia, on July 28, 2017. On July 26, at the same conference, Chung gave an invited lecture and performed on the piano in the plenary session titled "Remembering Mildred Dresselhaus." She gave an invited lecture titled "Science and applications of exfoliated graphite" in The International Symposium on Carbon Research Frontiers, The University of Sydney, Sydney, Australia, on July 22, 2017. Chung gave a seminar titled "Multifunctional carbon fiber polymer-matrix structural composites" in the Mechanical Engineering Department, The University of Sydney, Sydney, Australia, on July 21, 2017.

#### **LAW SCHOOL**

**Jessica Owley**, professor, brought six students to the International Climate Change treaty negotiations in Marrakesh, Morocco in November 2016. In December 2016, Owley participated in a symposium on Climate Displacement, Migration, and Relocation in Honolulu, with people from throughout the Pacific to address how climate change is forcing humans to move within and amongst different countries. The event was co-sponsored by hosted by the White House Council on Environmental Quality, NOAA Office for Coastal Management, the Environmental Law Program of the University of Hawai'i William S. Richardson School of Law, the Alaska and Hawai'i Sea Grant College Programs and the Pacific Islands Climate Science Center. She is spending all of 2017 as a visiting professor (or Profesora Visitante) at the

Universidad Pontificia—Comillas (ICADE) in Madrid, Spain. She was an OECD Fellow from March – July 2017, examining agricultural land conservation programs in Spain. She also has a grant to continue this research into 2018 from the Baldy Center for Law and Social Policy. In May 2017, she presented at the Second Annual Tarragona International Environmental Law Colloquium (II TIEC) at the Rovira i Virgili University (Tarragona, Spain).

In September 2017, Owley was an invited international expert at the "Workshop on Legal Instruments for the Effective Protection and Sustainable Management of Soils in Africa" organized by the German Environment Agency, Konrad-Adenauer-Stiftung, Makerere University and Kampala International University in Kampala, Uganda. Also in September 2017, Owley served as an expert reviewer for Forest and Land Use Policies on Private Land: An International Comparison from the Climate Policy Initiative of Brazil. In December 2017, she took five students to the negotiations in Bonn, Germany as part of her Climate Change Law and Policy course. Her book chapter ("The Use of Property Law Tools for Soil Protection") will appear in early 2018 in *International Yearbook of Soil Law and Policy* (Harald Ginzky, Elizabeth Dooley, Irene Hauser, Till Markus, & Tianbao Qin, eds. Springer Global Publishing). She is a member of the International Academic Association on Planning, Law, and Property Rights (PLPR), the International Ecological Law and Governance Association, and on the board of the Association of Law, Property, and Society (and co-editor of the organization's international peer reviewed journal). She is member of the International Union for the Conservation of Nature (IUCN) World Commission on Environmental Law, World Commission on Protected Areas, and Species Survival Commission.

#### **SCHOOL OF MANAGEMENT**

##### *Department of Accounting and Law*

This spring, **Kathy Nesper**, clinical assistant professor, will teach a new international study course, "Baltic States: Doing Business at the Crossroads of the European Union (EU) and Eurasia," to help students gain interdisciplinary and cross-cultural experience essential in today's global economy. Conducted in partnership with the Riga Business School (RBS), the course begins with pre-travel sessions to prepare students for the experience, followed by a two-week trip to Riga, Latvia, where they will visit local and regional businesses, government offices and other institutions to gain exposure to business practices in the EU. In addition, the trip will include cultural experiences and classroom sessions at RBS.

##### *Career Resource Center*

The School of Management's Career Resource Center delivered a series of workshops this fall for international students. During an MBA Advantage session, **Ellen Murphy**, assistant director, discussed the H1-B visa lottery process and corporate surveys from the Graduate Management Admission Council outlining employers' hiring plans for international candidates and ways candidates can develop their story to highlight the value they bring. In another workshop for international students, MBA students **Jiawen Wei**, **Arunmohan Rajmohan Nair** and **Ronald Mendoza**, along with Master of Science in Finance student **Ran Wang**, shared how they found summer internships and the skills they gained from their internships. In November 2017, the Career Resource Center hosted "Your Passport to Employment," during which four international alumni who are employed in the United States discussed how to conduct a successful job search and adapt to an American workplace, what surprised them about their work environment and more.

##### *Department of Finance*

In June 2017, **Veljko Fotak**, professor, attended the 2017 European Meeting of the Financial Management Association in Lisbon, Portugal, where he presented one paper, discussed another, and won the best paper award at the conference for the following paper: Fotak, Veljko, Feng Jiang, Haekwon Lee, and Erik Lie, and Haekwon Lee, "Trust and Debt Contracting: Evidence from the Backdating Scandal" Discussed: Sokolov, Vladimir and Laura Solanko, "Political Influence, Firm Perfor-

mance and Survival.” In October 2017 Fotak presented a paper at the Moscow Finance Conference in Russia: Fotak, Veljko, Hae Kwon Lee, and William L. Megginson. “A BIT of Investor Protection: How Bilateral Investment Treaties Impact the Terms of Syndicated Loans.”

#### JACOBS SCHOOL OF MEDICINE AND BIOMEDICAL SCIENCES

##### *Department of Biomedical Informatics*

The department has begun a student exchange program with the University of Pavia in Italy.

**Sarah Mullin**, a graduate student of **Peter L. Elkin**, professor and chair, won a best student paper award at the context sensitive health informatics conference in Hong Kong. Her paper demonstrated that computers are better at abstracting clinical data than are clinicians.

##### *Department of Nuclear Medicine*

**Partha Sinha**, associate professor, is an Invited Speaker at the 49th Annual Conference of the Society of Nuclear Medicine in New Delhi, India in December 2017. Sinha has been asked to speak on Intelligent Systems in Nuclear Medicine.

##### *Department of Surgery*

**Weidun Alan Guo**, associate professor of clinical surgery, was a visiting professor at the Royal Australasian College of Surgeons (RACS) from April 29 – May 6, 2016 in Australia. He first delivered an invited speech at the Younger Fellow Forum entitled “My Professional Hats” in O’Reilly’s Rainforest Retreat, Canungra, Queensland. He then served as a faculty in the Developing a Career in Academic Surgery Course in Brisbane. He was also a speaker at the RACS Annual Scientific Congress in Brisbane. The topic of his presentation was related to quality improvement entitled “My Trauma Center’s QI Program.”

**Steven D. Schwaartzberg**, professor and chair, will be inducted as an honorary member in the Japanese Society of Endoscopic Surgery (JSES) in Kyoto, Japan in December 8th 2017. This singular honor is given as recognition for 10 years of collaborative programming between JSES and SAGES, the Society of American Gastrointestinal and Endoscopic Surgeons.

#### SCHOOL OF NURSING

**Tiffany Cole**, clinical instructor, completed her second mission trip to Haiti in January 2018, during the winter break. The missionaries consist of nurses, physician assistants, pharmacy students and clergy. The group will conduct two in-house clinics in Delmas 21 (commune of Port-Au-Prince) and two mobile clinics in the commune of Kenscoff Chaine de Selle mountain range. The projected number of patients that will be treated by the group ranges from 400-600 people of all ages.

**Joann Sands** and **Jen Guay**, clinical assistant professors, gave a podium presentation, “Providing Future Nurses with Experiential Learning Opportunities in Global Nursing: The Belize Experience” at the Sigma Theta Tau National Nursing Honor Society International Research Congress in Dublin, Ireland in July 2017.

#### SCHOOL OF SOCIAL WORK

**Laina Bay-Cheng**, associate professor and director of the Ph.D. Program, delivered an invited lecture, “Bad choices & blocked capabilities: Barriers to young women’s sexual agency” at a symposium in Utrecht, Netherlands. The symposium, Rethinking Sexual Agency, was organized by Rutgers, a Dutch NGO focused on sexual and reproductive justice.

**Filomena Critelli**, associate professor; Kelly Patterson, associate professor; and **Laura Lewis**, director of Field Education and Assistant Dean for Global Partnerships, joined colleagues from 10 SUNY campuses in various disciplines and five not-for-profit organizations to create a sustainable village and learning community in the town of Arcahaie, Haiti. A community needs assessment is currently underway.

Critelli, Lewis, and Ph.D. candidate, **Asli Yalim** contributed a paper on the effects of migration on individuals and families to a report by The International Association of Schools of Social Work titled, “The Experience of Transnational Migration in Post-Soviet Countries: The Effects of Separation on Individuals and Families.”

**Susan Green**, clinical associate professor, and **Tom Nochajski**, research professor, who co-direct the Institute for Trauma and Trauma-informed Care together with **Travis Hales**, Ph.D. candidate and **Samantha Khoury**, project director, made presentations at the XXXVth International Congress on law and Mental Health, Charles University, Prague, Czech Republic in July 2017: Green, S., & Khoury, S. (2017). Organizational Sustainability of Solution-Focused Trauma-Informed Care (SF-TIC); Hales, T. & Nochajski, T.H. (2017). Confirmatory Factor Analysis of the Trauma-Informed Climate Scale; and Nochajski, T., & Hales T. (2017). Assessing the Associations between Solution-Focused Factors and Trauma-Informed Factors Using Exploratory Structural Equation Modeling.

**Denise Krause**, clinical professor and Associate Dean for Alumni Relations and Community Engagement, directs The UBSSW Mentoring program, which has 8 Canadian mentors, 6 of whom are paired with Canadian students.

**Amy Manning**, project director; **Catherine Dulmus**, professor and Associate Dean for Research; **Tom Nochajski**, and their research assistants presented a poster titled “Relationship of some easily assessed factors with suicidality in children and adolescents” at the European Academy of Paediatrics 2017 Congress and MasterCourse (EAP 2017) in Ljubljana, Slovenia, October 2017.

**Nadine Shaanta Murshid**, assistant professor, studies the social and relational context of microfinance and the utilization of Mobile-money in Bangladesh with community partner bKash. She has published the following manuscripts: Murshid, N.S. (2017). Women’s participation in microfinance and control over resources in Bangladesh, *Journal of Human Behavior in the Social Environment*, doi: 10.1080/10911359.2017.1382416; Murshid, N.S. (2017). Intimate partner violence and contraceptive use in Pakistan: Results from Pakistan Demographic and Health Survey 2012-13, *Women’s Studies International Forum*, doi: 10.1016/j.wsif.2017.08.003; Murshid, N.S. & Zippay, A. (2017). Social networks in the context of microfinance and intimate partner violence in Bangladesh: A mixed-methods study, *Journal of Sociology and Social Welfare*; Murshid, N.S. (2017). Asset ownership and intimate partner violence in Pakistan: Results from Pakistan Demographic and Health Survey 2012-13, *Public Health*, doi: 10.1016/j.puhe.2017.05.004; Murshid, N.S. (2017). Bullying victimization and mental health outcomes of adolescents in Myanmar, Pakistan, and Sri Lanka, *Children and Youth Services Review*, Advance online publication, doi: 10.1016/j.childyouth.2017.03.003; and Murshid, N.S. (2017). Parents, friends, and depression: A multi-country study of adolescents in South Asia, *Children and Youth Services Review*, doi: 10.1016/j.childyouth.2017.06.018. Murshid also writes for the *Daily Star*, a Bangladeshi periodical. Her recent pieces have been titled: “Reproductive coercion or business as usual?”; “The case for feminist men”; “Saving flood victims as we look for solutions”; “Spot the patriarchy”; “The case for angry women”; “In the wake of Cyclone Mora”; and “Only yes means yes.” Murshid made a presentation titled “Microfinance, intimate partner violence, and justification of intimate partner violence in Bangladesh” at the Annual Conference on South Asia, in Madison, Wisconsin.

**Yunju Nam**, associate professor, gave an invited talk titled “Economic Security and Financial Capability among Older Adults in an Aging Society at the Department of Economics, Korea University, Seoul, Korea in July, 2017.

**Annette Semanchin Jones**, assistant professor, implemented a COIL module titled: “Social Work and Human Rights” as part of a



UB SSW course SW500 Social Welfare History and Policy. She collaborated with Marijke Steegstra from the HAN University of Applied Sciences, Faculty of Health and Social Studies in the Netherlands. The goal of this course is to gain understanding about social work in an international context. Students are asked to reflect on the principles of human rights and social justice and what they mean for social work.

**Larry Shulman**, emeritus professor, gave a presentation focusing on practice and supervision of students at the Toronto, Ontario Sunnybrook Health Science Center in October 2017.

**Hilary Weaver**, professor and Associate Dean for Academic Affairs, gave presentation titled "Social Work and Indigenous Environmental Activism: Examples from the US" at the International Consortium for Social Development, Zagreb Croatia.

#### UNIVERSITY LIBRARIES

**Christopher Hollister**, Education Librarian, co-presented a paper with colleagues from Portland State University and University of East Anglia (UK) at the 5th European Conference on Information Literacy in St. Malo, France. This paper detailed findings of a study on the evolution of scholarly discourse in the area of information literacy in North America and Europe over the last decade. Hollister was also the recipient of Beta Phi Mu's 2017 Harold Lancour Award in support of his research on the provision of affordable textbooks for students in the University at Buffalo's partnership program, the Singapore Institute of Management.

#### OFFICE OF THE VICE PROVOST FOR INTERNATIONAL EDUCATION

**Stephen C. Dunnett**, professor and vice provost, was a presenter for the panel, "Campus Perspectives on the Changing Political Climate" at the World Education Services (WES)-Center for International Higher Education Seminar at Boston College in June 2017. The panel was the basis for an essay in the WES Newsletter titled, "International Education in a Difficult and Uncertain US Political Environment," co-authored by Amir Reza of Babson College. Dunnett was a presenter for the panel, "Internationalisation: Seeing through the World's Sceptical Eyes" at the annual conference of the European Association for International Education in Seville, Spain in September 2017.

**John J. Wood**, senior associate vice provost, was a presenter on the panel "Professionalizing Risk Management in the International Office" at the annual conference of the European Association for International Education in Seville, Spain in September 2017. 🌐

## GLOBAL INNOVATION

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- The Bridge (Rachel Daws, Kellie Schmit, Bianca Kohli, Chrys Terrado and Dipesh Patel) wants to build bridges between a UB-based research team and the Syrian community in Buffalo to gain the Syrian refugee community's perspectives on mental health issues that affect them. They propose using focus groups to produce qualitative data that can then be shared with area mental health care providers to increase their cultural competency.

- The Undividable (Noshin Ahmed, Arsalan Haghdel, Sadat Khan, Aye Ba Na Sa, Kathleen Lau, Ali Kayahan and Anmol Bambrah) have developed an intervention aimed at bridging the cultural gap that exists between primary care physicians and their Arabic-speaking refugee patients in the Community Health Center of Buffalo. They propose doing this through an internship program called CARE for Refugees.

- RHAT Pack (Carol Nottingham, Mackenzie Vergason, Salwa Alawneh and Yasmein Okour) created a smartphone app called the Refugee Health Access Tool. "Knowing that technology is an important part of our daily life, our goal is to harness this technology and information-sharing network to assist refugees in accessing culturally competent health care facilities," Alawneh said. 🌐

*David J. Hill is a news content manager for University Communications.*

## ENGEL

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chair of the Asian Studies Advisory Council

He is a long time member of CISP and served as its chair from 2007 to 2016. In this capacity, he helped oversee the development and implementation of the university's strategic internationalization plan, *The Global Imperative*. 🌐

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## DAVID ENGEL RECEIVES COUNCIL AWARD

**D**avid M. Engel, SUNY Distinguished Service Professor of Law, was honored with the 2017 Award for Outstanding Contributions to International Education at UB. The annual award conferred by the Council on International Studies and Programs (CISP), was presented by President Tripathi, Vice Provost Stephen Dunnett and Council Chair Peter Biehl during a luncheon ceremony in the Center for the Arts on November 14, 2017.

Engel was nominated for the award by his Law School colleague and fellow Council member, Professor Meredith Lewis, Vice Dean for International and Graduate Programs. In introducing Professor Engel, Lewis emphasized how comprehensive his contributions



L to r: Stephen Dunnett, David Engel, Satish Tripathi, Peter Biehl

to international education have been over his more than three decades at UB, amply fulfilling all ten criteria established for the award.

These have included extensive international and cross-cultural scholarship in comparative legal studies and social policy, collaborative research and international grantsmanship, mentoring international students and scholars, facilitating longstanding

and productive institutional affiliations in Thailand, and leadership of a study abroad program for law students in Thai Legal Culture at Chiang Mai University.

In addition, Engel has been an outstanding university citizen throughout his career, serving in various Law School administrative positions and on many university committees. Among others, he has been a member and

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John J. Wood, Editor