In 2004, Carnegie Mellon and Qatar Foundation began a partnership to deliver select programs that will contribute to the long-term development of Qatar. For 15 years, we have shared a mission: to provide a world class education to students in Qatar.

Carnegie Mellon University in Qatar thanks His Highness Sheikh Tamim Bin Hamad Al Thani, Amir of the State of Qatar, for his leadership and commitment to progress and education.

We also express our deep appreciation to His Highness the Father Amir Sheikh Hamad Bin Khalifa Al Thani, Her Highness Sheikha Moza bint Nasser, Chairperson of Qatar Foundation, and Her Excellency Sheikha Hind Bint Hamad Al Thani, Vice Chairperson and CEO of Qatar Foundation, for their vision and leadership.
We are Carnegie Mellon

Our Mission
To create a transformative educational experience for students focused on deep disciplinary knowledge; problem solving; leadership, communication, and interpersonal skills; and personal health and well-being.

To cultivate a transformative university community committed to:

a. attracting and retaining diverse, world-class talent;

b. creating a collaborative environment open to the free exchange of ideas, where research, creativity, innovation, and entrepreneurship can flourish; and

c. ensuring individuals can achieve their full potential.

To impact society in a transformative way—regionally, nationally, and globally—by engaging with partners outside the traditional borders of the university campus.

Our Vision
Carnegie Mellon University will have a transformative impact on society through continual innovation in education, research, creativity, and entrepreneurship.
Sixteen years after it was first established, Carnegie Mellon University in Qatar continues to stand as a global beacon of educational opportunity.

Today, the role of CMU-Q is more important than it ever has been as a result of humanity’s response to the COVID-19 pandemic. The world is currently seeking solutions to the challenges that we face in areas such as health care, education, policy and science. In these uncertain times, I am confident that CMU-Q students and faculty will help build a brighter tomorrow.

While the past year has certainly been unique, I am proud of the way the CMU-Q community came together to persevere and thrive. Thanks to these collaborative efforts, 86 outstanding students graduated as part of the Class of 2020, bringing the total number of CMU-Q alumni to 935 Tartans.

A focus on innovative learning has always defined CMU-Q, and this year is no different. Not only did we shift 125 CMU-Q courses to remote learning in only two days, we also introduced 15 new micro courses. Taught by professors from our main campus, they covered topics that typically lie outside CMU-Q offerings, including artificial intelligence and society, blockchain, and computational medicine.

Our success to date would not be possible without the support of the Qatar Foundation, and the founding vision of His Highness the Father Amir Sheikh Hamad Bin Khalifa Al Thani. Her Highness Sheikha Moza bint Nasser and Her Excellency Sheikha Hind Bint Hamad Al Thani. I continue to be deeply grateful for this dynamic partnership.

It has been a year unlike any other, and this Annual Report details many accomplishments in which we can all take pride. I invite you to explore its pages as we look ahead to what the next year will bring.

Farnam Jahanian
President, Carnegie Mellon University
I have been a faculty member at Carnegie Mellon University for 30 years, and the dean of the Qatar campus since 2017. Over the decades, I have seen how higher education adapts as the times change, and how technology has challenged many of the ways we deliver a university education. These challenges dwarf in comparison to the COVID-19 pandemic. I know that the pandemic has touched every person on the planet in ways both big and small, and those of us in higher education are no exception. My deep gratitude goes out to those on the frontlines, and my heart goes out to all those who were afflicted or lost someone to the disease.

The CMU-Q Annual Report 2019-2020 is the story of how our community contributed to an academic year full of academic innovation, accomplishment and enthusiasm. There is much to celebrate, and I encourage you to learn more about our achievements this year.

Michael Trick
Dean, Carnegie Mellon University in Qatar
Our Alumni

Since our first class graduated in 2008, nearly 1000 men and women have completed their undergraduate education at Carnegie Mellon University in Qatar. As they build their careers, we follow their successes, connect them to one another, and encourage them to mentor the next generation of CMU-Q students.
The 86 graduates in CMU-Q’s Class of 2020 were scheduled to cross the stage at a formal ceremony, but the pandemic’s social distancing restrictions called for a creative solution. Instead, CMU-Q honored the class at a series of virtual events, which included a senior celebration and the formal conferral of degrees for Carnegie Mellon graduates worldwide.

"I have watched these 86 graduates grow into accomplished and confident young professionals. While the pandemic may change how we celebrate, it cannot dampen our enthusiasm, or how proud we are of their accomplishments."

Michael Trick

Right from our orientation we were present and ready to take adventures on. Today, we are present with each other, despite the circumstances. I’m excited to see a world where our presence contributes to positive change.

Dona Ferdinando
Student Speaker
Biological Sciences | Class of 2020

Graduates by program

<table>
<thead>
<tr>
<th>Program</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biological Sciences</td>
<td>17</td>
</tr>
<tr>
<td>Business Administration</td>
<td>36</td>
</tr>
<tr>
<td>Computational Biology</td>
<td>01</td>
</tr>
<tr>
<td>Computer Science</td>
<td>16</td>
</tr>
<tr>
<td>Information Systems</td>
<td>16</td>
</tr>
</tbody>
</table>

Outstanding Academic Achievement Awards

- Maha Al-Tamimi (Biological Sciences)
- Fahad Salah Bahzad (Business Administration)
- Raghid Bsat (Computational Biology)
- Mohammed Nurul Hoque (Computer Science)
- Hassan Nadeem (Information Systems)

Andrew Carnegie Society Scholars
- Muhammad Nahin Khan
- Fatima Mustafawi

Qatar Campus Scholars
- Fahad Salah Bahzad
- Raghid Bsat
- Mohammed Nurul Hoque
- Muhammad Nahin Khan
- Fatima Mustafawi
The Global Alumni Network

Our graduates are integral members of their communities, both within Qatar and across the globe. Alumni members are professionals, leaders and innovators who apply the skills they learned at Carnegie Mellon to shape the world around them.

Most CMU-Q alumni live and work in Qatar

Alumni are working at top international organizations

Doha

- Abu Dhabi Holding
- Al Jazeera Media Network
- Bank and Company
- Barzan Holdings
- Boston Consulting Group
- Careem
- ConocoPhillips
- EY
- ExxonMobil
- GE
- Hili Qatar
- HSBC
- KLite
- KPMG
- Maersk Oil Qatar
- Microsoft
- Ministry of Economy and Commerce
- Ministry of Interior
- Ministry of Transport and Communications
- McKinsey & Company
- Nakilat
- Norpar
- PwC
- Qatar Airways
- Qatar Biomedical Research Institute
- Qatar Central Bank
- Qatar Computing Research Institute
- Qatar Development Bank
- Qatar Foundation
- Qatar Investment Authority
- Qatar Museums
- Qatar National Bank
- Qatar National Library
- Qatar Olympic Committee
- Qatar Petroleum
- Qatar Shell
- Qatar SportTech
- Qatar University
- Siemens
- Sick’s Medicine
- STA Enterprises
- Supreme Committee for Delivery and Legacy

San Francisco

- Arilib
- Amazon Music
- Google
- Microsoft
- Square

Mountain View

- Google

Seattle

- Amazon
- Hotwire/Expedia

Redmond

- Microsoft

Toronto

- BMO Capital Markets
- Deloitte
- Morneau Shepell
- BRC Investor & Treasury Services

Pittsburgh

- Robotics Institute, CMU
- Uber Advanced Technologies Group

London

- Citi United Kingdom
- KPMG

Luxembourg

- Amazon

Amsterdam

- EY
- Xccelerated

Zurich

- EY

Dusseldorf

- McKinsey & Company

Tokyo

- Deloitte

Beijing

- Changjiang Wonderbay Private Equity Fund

Lahore

- Airsoft
- CureMD

Singapore

- Indeed.com

Dublin

- Facebook

Budapest

- Nokia

Melbourne

- EY

Doha

- Ministry of Finance
- Petroleum Development Oman

Kuwait City

- Kuwait International Bank

Most CMU-Q alumni live and work in Qatar

Alumni live on 5 continents

13 graduating classes

935 alumni

55 nationalities
A Year of Accomplishments

The first graduating class at CMU-Q was in 2008, and each year our alumni network grows in both numbers and achievements. In the last year, here are just a few of our alumni accomplishments.

Series A funding
A startup that began as a student project raised $2.5 million in Series A funding. Haris Aghadi (Information Systems 2014) and Abdullah Al-Khenji (Information Systems 2015) launched the physician booking platform, Meddy, in 2016. In response to COVID-19, they added tele-health services that include video medical consults and a symptom checker.

Qatar Film Competition
Abdulrahman Alfayad (Computer Science 2018) created the first Qatar 48-Hour Film Challenge. More than 200 film enthusiasts tackled the task of creating a five-minute film over 48 hours.

First place, Girls Can Innovate, QITCOM 2019
Roda Al-Hor (Information Systems 2017) was part of the winning team of female innovators in the Girls Can Innovate competition at the 2019 Qatar IT Conference and Exhibition (QITCOM). Her team created a one-stop shop app for abayas and branded clothing.

ISCRAM Best Paper
Umair Qazi (Information Systems 2018) and his fellow researchers were awarded Best Paper by the Information Systems for Crisis Response and Management (ISCRAM) Association. The study, which began as Qazi’s senior honors thesis, analyzed the usefulness of social media images to rapidly assess damage during a disaster.

The first graduating class at CMU-Q was in 2008, and each year our alumni network grows in both numbers and achievements. In the last year, here are just a few of our alumni accomplishments.

Made in Qatar hand sanitizers
Mohammed Al-Matwi (Business Administration 2015) started the first perfume factory in Qatar in 2017, earning him the silver medal for Best Startup at the 2019 Reyada Awards. In response to COVID-19, Al-Matwi shifted his business focus to personal disinfectants—including hand sanitizers—for the Qatar market.

Forbes Magazine “30 under 30”
Sabih Bin Wasi (Computer Science 2015) and Rukhsar Neyaz (Computer Science 2015) were selected for the North American Forbes “30 under 30” list. They, along with Jiyda Moussa (Information Systems 2015) and Musab Popatia (Computer Science 2016), have created Stellic, an academic planning tech startup.

“20 women on the move in 2020”
Entrepreneurs Maryam Al-Naemi (Information Systems 2018) and Min Kyung Kang (Biological Sciences 2017) were selected for the “20 women on the move in 2020” list for Doha Learning Days. The list was compiled by WISE to recognize influential women in Qatar.

DFI’s Short of the Week
Doha Film Institute (DFI) launched its new Short of the Week screening series with “Al-Johara,” a film by Nora Al-Subai (Computer Science 2008). The film has been screened at the Ajyal Youth Film Festival, the Sarajevo Film Festival, and Festival de Cannes.

First place, Girls Can Innovate, QITCOM 2019
Roda Al-Hor (Information Systems 2017) was part of the winning team of female innovators in the Girls Can Innovate competition at the 2019 Qatar IT Conference and Exhibition (QITCOM). Her team created a one-stop shop app for abayas and branded clothing.

IdeaCamp 2019
Yasir Khan and Abdul Wasay (both Information Systems 2018) took first place in IdeaCamp 2019, a Digital Incubation Center program and part of the Ministry of Transport and Communications. More than 250 teams applied for the IdeaCamp program, which included training, mentoring and rehearsal sessions over several months.
Class of 2019
One Year Later

In May 2019, 78 young men and women completed their undergraduate degrees at CMU-Q and began their careers. In the year since they graduated, the members of the Class of 2019 have made significant strides in a myriad of fields.

Platinum Education Excellence Award
Aisha Fakhroo (Biological Sciences 2019), received a platinum medal from His Highness the Amir Sheikh Tamim Bin Hamad Al Thani at the 13th annual Education Excellence Award ceremony.

Best Demo Paper, Honorary Mention
Shaden Shaar (Computer Science 2019) co-authored a paper on a system to analyze propaganda techniques in the news. The paper received honorary mention by the Association for Computational Linguistics.

Global opportunity
Although majoring in business administration, Haris Syed was also interested in technology. At CMU-Q, he built an impressive interdisciplinary resume and after graduation, he was recruited for EY’s robotics process automation division in Houston.

Interdisciplinary career path
As a computer science student, Zeina Darwiche planned to pursue programming after graduation. Instead, she stepped into the business realm and joined KPMG Qatar to consult on digital innovation projects.

Graduate studies
With a degree in biological sciences, Khalid Al-Naemi has decided to pursue graduate studies at McGill University. Bolstered by a prestigious scholarship from Qatar University (QU), he will study genetic mycology, and eventually return to Qatar to teach and research at QU.

Non-profit organization
As a student, Al-Dana Al-Mohannadi was drawn to the human side of information systems, such as how technology can improve the quality of life for people with disabilities. She joined Mada Center after graduation as an ICT accessibility researcher.

I felt very prepared when I joined EY. During our one-week training program with the best of the best from different universities in the US, I felt I could step through the door and do whatever they do.

Aside from our knowledge, the character of a CMU graduate is important. The people at KPMG appreciate how we try to ask the right questions and broaden our perspective.

I’m at the tip of the iceberg and it’s a very deep discipline that I am still learning. But I have my CMU work ethic, and the drive and motivation to inspire future students to pursue science.

I never wanted a corporate job, I wanted to find ways I could help people. CMU-Q helped me with the confidence to take on a position like this.
Networking and Mentorship

For our students, graduation is just the beginning of a new relationship with CMU-Q. Our alumni remain closely connected to us, keeping us up-to-date with their personal milestones and career successes. Throughout the year, they return to CMU-Q to network with and mentor a new generation of students.

I developed friendships here that I think will last a lifetime. I have this network now, which consists of people, honestly, all over the world.

Zaid Haque
Information Systems 2012
Senior Program Manager, Microsoft

At CMU, we are asking a fundamental question: How do we prepare the next generation for a future of work that is always changing?

Farnam Jahanian
President, Carnegie Mellon University
Qatar alumni reception
November 2019

Networking and Mentorship

CarnegieApps Hackathon mentors
At the eighth edition of CMU-Q’s CarnegieApps Hackathon, 10 alumni returned to mentor the teams during the intense, 24-hour competition. Most of the alumni mentors themselves participated in CarnegieApps Hackathon while they were students.

Dinner with Twelve Tartans
Our alumni returned to campus to share their experiences and encourage our students as they begin their careers. The annual Dinner with Twelve Tartans also included a speed networking segment to introduce newer students to the graduates.

Munich alumni gathering
Carnegie Mellon alumni from both the Qatar and Pittsburgh campuses gathered in Munich to meet and network with current CMU-Q students. The students were exploring the booming innovation entrepreneurship and tech sector in Munich.

Milestone class reunions
In January, graduates celebrating milestone class reunions reconnected with one another, as well as faculty and staff, at an event hosted by Michael Trick. Graduates from the classes of 2018, 2014, and 2009 were marking their one-, five-, and ten-year reunions, respectively.

Career networking
CMU-Q alumni frequently return to campus for networking events like Careers Platform, Professional Services Career Day and information sessions. Representing their employers, these alumni share their work experiences, guide students and provide information about internships and employment.

Tartan Talk events
Tartan Talks is an opportunity for current students to learn about life after graduation from alumni from each academic program. This year, CMU-Q hosted three Tartan Talk events.

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Our student community is at the heart of all we do at Carnegie Mellon University in Qatar. During the admission cycle each year, we seek out applicants who are motivated and eager to learn. Together, our enrolled students form a global-minded community that is enthusiastic, encouraging and supportive.
Events for Pre-College Students

Each year, we introduce nearly 2,000 high school students to Carnegie Mellon University in Qatar. A slate of workshops, competitions and learning programs inspire curiosity and exploration in the fields of business, science and technology.

Summer College Preview Program
A total of 72 students participated in SCPP 2019, an intensive three-week program that introduces high school students to the programs offered at CMU-Q.

When I attended SCPP in 2012, it gave me a sense of direction and made me realize that what I wanted more than anything was to become a Tartan.

Maryam Al Naemi
Class of 2018
Keynote speaker | SCPP 2019 closing ceremony

Pi Day Mathematics Competition
The fifth annual math contest drew 126 teams from across Qatar. The top four teams were from the American School of Doha, Doha British School, and two from DPS Modern Indian School.

Botball
The Lebanese School of Qatar came first in a field of 17 teams at the 16th Botball competition. The annual contest challenges students to program a robot to maneuver through a game board of obstacles and challenges. Doha Secondary School came in second place.

Mindcraft Virtual
Three months after the pandemic started, CMU-Q launched its first virtual outreach program. Mindcraft Virtual is an online reimagining of the popular Mindcraft workshop that introduces students to the concepts of computer science.

Experience CMU-Q
Experience CMU-Q is a one-day workshop to explore study and career options in different CMU-Q programs. Nearly 250 students attended the October and January sessions.
The Admission Process

For each applicant to Carnegie Mellon, we look at more than grades: we consider the whole student. Through this careful process, we select an incoming class of curious and motivated students who will support and challenge one another.

Allow me to reassure each one of you, we selected you because you have talent, work ethic, creativity and drive, and we believe you will thrive at CMU-Q.

Michael Trick
Convocation | Class of 2023

Recruitment for the Class of 2024

With application numbers up by 42%, the admission process for the Class of 2024 was exceptionally selective. We participated in Education City visits to more than 40 schools in the country and took part in Discover Education City, a two-day collaborative event.

Our admission team also travels as part of the Education City roadshow to meet with prospective students and share with them the unique experience of studying in Qatar.

Early Decision

CMU-Q admitted 21 students for Early Decision, the largest group since the university began the process in 2016. More than half were Qatari nationals, with a total of eight nations represented.

Today’s world needs solutions for problems that are not confined to only one field of study.

Layal Al-Alami
Class of 2013
Commercial Project Manager, Siemens
Keynote speaker | Early Decision Dinner

Qatar Foundation Grant Program for new CMU-Q students

Qatar Foundation introduced a need-based grant program for CMU-Q students of all nationalities entering the Class of 2023. Grants of up to the full cost of attendance were offered, based on financial circumstances. The grant program was extended for the Class of 2024, and will support a diverse and competitive student body.

Marhaba Tartans
Nearly 150 newly admitted students and their families logged in to a virtual welcome session to meet the faculty, staff, students and graduates of the university.
Our Student Community

CMU-Q students come from diverse backgrounds, with a wide spectrum of interests and aspirations. Together, they form a community of enthusiastic learners.

Student body composition

- 410 students enrolled
- 48 nationalities
- 41% Qatari
- 60% female

Enrolled students, by program

Financial Aid
Financial aid options are a vital component of a diverse, competitive and strong CMU-Q student community. In 2019-2020, there were several types of financial support available for our students:

- Amiri scholarship, Ministry of Education and Higher Education
- Sponsorship from a national organization
- Qatar Foundation need-based grant
- Qatar Foundation financial aid
- Qatar Foundation scholarship
- Carnegie Mellon University in Qatar scholarship
- FAFSA loans for U.S. citizens

Organizations that sponsored CMU-Q students

- Amiri Diwan
- Aspire Zone Foundation
- Embassy of the State of Kuwait
- Ministry of Administrative Development, Labour and Social Affairs
- Ministry of Education and Higher Education
- Ministry of Interior
- Qatar Airways
- Qatar Armed Forces
- Qatar Chemical Company
- Qatar Foundation
- Qatar National Bank
- Qatar Petroleum
- Sidra Medicine
For decades, Carnegie Mellon has been at the forefront of educational science, and this history was crucial when the challenges of the pandemic arose. A strong collaboration of CMU-Q experts in technology, education and subject areas ensured that students continued to learn and grow, even in exceptional circumstances.
At Carnegie Mellon, we begin with a broad introduction to the liberal arts and sciences during the first semesters. Students then focus on major core classes in the middle semesters, and they deepen and broaden their scope in the last semesters through advanced electives.

Courses offered

<table>
<thead>
<tr>
<th>Subject</th>
<th>Courses</th>
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<tbody>
<tr>
<td>Arts and Sciences</td>
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</tr>
<tr>
<td>Biological Sciences</td>
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<tr>
<td>Business Administration</td>
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<tr>
<td>Computer Science</td>
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</tr>
<tr>
<td>Economics</td>
<td>3</td>
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<tr>
<td>English</td>
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<tr>
<td>Global Systems and Management</td>
<td>29</td>
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<tr>
<td>History</td>
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</tr>
<tr>
<td>Information Systems</td>
<td>30</td>
</tr>
<tr>
<td>Mathematical Sciences</td>
<td>24</td>
</tr>
<tr>
<td>Neuroscience</td>
<td>24</td>
</tr>
<tr>
<td>Professional Writing</td>
<td>24</td>
</tr>
<tr>
<td>Psychology</td>
<td>24</td>
</tr>
</tbody>
</table>

Minors were offered in 15 different subjects:
- Arabic Studies
- Biological Sciences
- Business Administration
- Cognitive Neuroscience
- Computational Biology
- Computer Science
- Economics
- English
- Global Systems and Management
- History
- Information Systems
- Mathematical Sciences
- Neuroscience
- Professional Writing
- Psychology

At Carnegie Mellon, we began with a broad introduction to the liberal arts and sciences during the first semesters. Students then focus on major core classes in the middle semesters, and they deepen and broaden their scope in the last semesters through advanced electives.

The COVID-19 pandemic spurred a swift move to remote delivery halfway through the spring semester. CMU-Q completed the full transition within two days of the official directive by the Qatar government. Initially, the focus was to replace in-person lectures and maintain the continuity of learning objectives. A task force of CMU-Q technology and educational experts guided the move of 125 courses to virtual delivery.

As the university adjusted, faculty members worked closely with CMU's Eberly Center for Teaching Excellence and Educational Innovation to ensure students would have an exceptional learning experience.

Education during a pandemic

The faculty and the programs will be stronger having gone through this. Our faculty members have had to think carefully about what goes in their courses and how they all fit together.

Michael Trick

"I miss CMU, but apart from that, online classes are perfect. We can talk to professors and friends face to face, ask questions and get feedback."

Muhammad Ali Raza
Class of 2023
Our Faculty

CMU-Q faculty members are experts in their fields and dedicated to undergraduate education. Faculty members provide individualized attention and focused instruction so that all students can reach their potential.

Faculty members, by program

**Arts and Sciences**
- **26**

**Biological Sciences**
- **05**

**Business Administration**
- **12**

**Computer Science**
- **09**

**Information Systems**
- **09**

New faculty members

- Kira Dreher, assistant teaching professor, English
- Simon Faulkner, assistant teaching professor, chemistry
- Agustín Indaco, assistant teaching professor, economics
- Jasmine Kirby, instruction and engagement librarian
- Ezzohra Moufid, lecturer, French studies
- Deepa Nair, assistant teaching professor, history
- Veli Safak, assistant teaching professor, economics
- Varun Sharma, assistant teaching professor, marketing
- Jeff Squires, assistant teaching professor, marketing
- Patrick Walsh, assistant teaching professor, philosophy

Promotions

- Mohamed Bouquaouina, associate teaching professor, biological sciences
- Ihab Younis, associate teaching professor, biological sciences

Meritorious Teaching Awards

In a campus first, CMU-Q selected two faculty members to receive the 2019-2020 Meritorious Teaching Award. Lauren Burakowski and Nui Vatanasakdakul were recognized for going beyond expectations to contribute to student learning.

Micro courses

The Qatar campus offered an extensive slate of micro courses throughout the academic year, first in hybrid format and then in remote mode to comply with pandemic restrictions. Taught by professors from main campus, micro courses offer CMU-Q students a sampling of the myriad areas of study at CMU. Three micro courses are equivalent to one semester course.

Micro courses for 2019-2020

- Basics of cryptocurrencies, blockchains, and applications, Nicolas Christin
- Basics of food science, Gloria Silva
- Bilingualism, Erik Thiessen
- Biology for life, special topics, Daniel Brasier
- Blockchains in industry, Divakaran Liginlal
- Business acting, Geoffrey Hitch
- Impacts of AI: AI and ethics, David Danks
- Impacts of AI: AI and society, Molly Steenson
- Information graphics, Suguru Ishizaki
- Introduction to computational medicine, Christopher Langmead
- Introduction to environmental ideas, Abigail Owen
- Making short films, Dylan Vitone
- Product and service innovation, Peter Boatwright
- Text mining in practice, Carolyn Rose

One of the real benefits is the very constrained nature of a micro course. It’s a very focused, intense experience for the students, but it’s an opportunity to dive deeply, quickly into a subject.

David Danks
Head, Department of Philosophy
L.L. Thurstone Professor of Philosophy and Psychology
Carnegie Mellon University
Biological sciences students at CMU-Q study the Mellon College of Science curriculum that emphasizes problem-solving, communication, and analytical skills. Students learn to follow their curiosity, explore hypotheses, and contribute in a meaningful way as young scientists and researchers.

Fifth year scholar

Nahin Khan, who completed his degree in biological sciences in 2020, was selected for the Carnegie Mellon Fifth Year Scholar Program. Based at the main campus, the program provides a small number of exceptional students the opportunity to take an extra year to enhance their undergraduate education.

Elizabeth W. Jones Award

Dona Ferdinando, a 2020 biological sciences graduate, was awarded the Elizabeth W. Jones Award for Excellence in Undergraduate Research in Experimental or Computational Biology. The award was given by the Department of Biological Sciences at Carnegie Mellon’s home campus in Pittsburgh.

Precision medicine symposium

Ihab Younis spoke at the first symposium for genomics in clinical practice in Qatar. This collaboration between HBKU’s College of Health and Life Sciences and the Qatar Council for Health Practitioners brought together geneticists, researchers, technicians and health care professionals to share perspectives on precision medicine.

Student summer research

SRI

Six CMU-Q students were selected for Summer Research Institute 2019: Vincent Adiong, Ayah Al-Ansari, Laila Assami, Mahnoor Fatima, Thamanna Muhammad Hashir and Ayah Salameh. SRI is an immersive molecular biology and biochemistry research experience at the Mellon College of Science in Pittsburgh.

QBRI

CMU-Q students Fajer Al-Marzooqi, Noora Al-Mohannadi and Zenab Siddig were selected for the fifth annual Summer Research Program at Qatar Biomedical Research Institute, which provided intensive laboratory experience in the areas of diabetes, neurological diseases, and cancer.

SPRINT

Two rising seniors were selected for the first Summer Program for Research and Internship, a 10-week research opportunity at a lab outside of CMU-Q. Ayşe Haruka Ağkıbaş worked in the Etterson Lab for Developmental Regulatory Genomics at CMU’s main campus, while Weilin Li went to the Central European Institute of Technology (CEITEC) in Brno, Czech Republic.
Business Administration

Business administration students at CMU-Q learn quantitative decision-making, our pioneering approach to undergraduate business education. With an emphasis on analytics and leadership development, students are prepared for the challenges of the global business landscape.

McKinsey Case Competition
The student-led Carnegie Consulting Club organized the McKinsey Case Competition, the first consulting competition of its kind in the region. Six teams competed, including participants from Qatar University and Texas A&M University at Qatar. The CMU-Q team of Mohammad Shahmeer Ahmad, Mariyam Amir, Omar Naim, Faiha Sahirah and Muhammad Ahmed Zahid ultimately won.

Asma Al-Kuwari
Business Administration 2011
Head of Digital Experience/Digital Content Services
Qatar National Library

Thought leadership during a pandemic

Qatar Stock Exchange webinars
The Qatar Stock Exchange invited CMU-Q faculty members Fuad Farooqi, Agustín Indaco and John O’Brien to lead webinar sessions on portfolio diversification and how behavioral biases affect investors. More than 100 members of the community joined each webinar.

Hack COVID-19
George White spearheaded CMU-Q’s participation in Hack COVID-19, a competition to develop ideas for tackling pandemic-related challenges. Gordon Rule, Annette Vincent and Mohammad Hammoud contributed their expertise during the four-day event. Hack COVID-19 was a Qatar Business Incubation Center initiative with sponsorship from Qatar Development Bank.

Productive and balanced remote teams
Cecile le Roux penned two articles for the local community on building happy, productive remote teams and balancing blended roles.

Saving the economy from the coronavirus
Agustín Indaco analyzed measures that different governments enacted in the wake of the COVID-19 pandemic, and offered recommendations for a swift economic recovery.

Teaching and learning in online mode
Serkan Akgüş shared a professor’s perspective of online learning at a webinar organized by the U.S. Embassy in Qatar for students who were beginning their studies in the United States.

Doha Debates
Business administration student Joud Ghalayini was a panel member for the inaugural #DearWorld Live, a new initiative by Qatar Foundation’s Doha Debates. The interactive livestream series is a venue for experts and young leaders to discuss the issues that face a post-pandemic world.
Computer science students at CMU-Q are studying the world-class curriculum of Carnegie Mellon's School of Computer Science, learning both the theoretical foundations and the practical knowledge to push the frontiers of the field and make a real-world impact.

“Coming to CMU-Q was a dream come true. I’ve always been obsessed with computers and technology, and here I was able to feed my passion.”

Talal Al-Haddad
Computer Science 2013
Graduate student, Artificial Intelligence, Warsaw University of Technology

Robotics Institute Summer Scholar program
Maimoon Siddiqui was selected for RISS, an intensive summer research program at Carnegie Mellon where she assisted on applications of computer vision to sense facial expressions.

First place, Oman programming competition
A CMU-Q student team won the top prize at the Oman Collegiate Programming Contest (OCPC). Mohammed Nurul Hoque, Muhammad Ahmad Khan and Zaryab Shahzaib placed first among the nearly 30 teams who competed. A second CMU-Q team, which included Kelvin Isufaj, Swapnendu Sanyal and Omar Sinan, placed fourth.

Second place, Qatar Sports Tech Hackathon
Kelvin Isufaj placed second at the Qatar Sports Tech Hackathon, along with Johanne Medina and Mohamed Amara, both students in the Hamad Bin Khalifa University computer engineering program. The team created an app to improve the fan experience during World Cup 2022.

Google Hash Code hub in Qatar
For the third consecutive year, CMU-Q hosted the only Google Hash Code hub in Qatar. The programming competition is open to teams around the world. This year, the CMU-Q hub hosted eight teams, including two from Qatar University.

First place, Capture the Flag
Mohammed Yusuf Ansari, Mohammed Nurul Hoque, Akhyar Kamili and Muhammad Ahmad Khan took first place in the Capture the Flag cyber challenge featured during Qatar University’s Cyber Week.

First prize, QCRI project
Zaryab Shahzaib secured first prize for his project on graph theory for predicting flight faults during Qatar Computing Research Institute’s 2019 summer internship program.

Computational Biology

First place, Computational Biology
Zaryab Shahzaib secured first prize for his project on graph theory for predicting flight faults during Qatar Computing Research Institute’s 2019 summer internship program.

Second graduate in computational biology
Raghid Bsat became the third student in the history of the Qatar campus to graduate with a degree in computational biology. Following the School of Computer Science curriculum, the interdisciplinary program includes core coursework in computer science, biology, science and mathematics.

“Coming to CMU-Q was a dream come true. I’ve always been obsessed with computers and technology, and here I was able to feed my passion.”

Talal Al-Haddad
Computer Science 2013
Graduate student, Artificial Intelligence, Warsaw University of Technology

“I chose CMU-Q because it was one of the few universities with a computational biology program. I didn’t realize that I would study both computer science and biology on such a deep level.”

Raghid Bsat
Computational Biology 2020
Carnegie Mellon announced a new information systems curriculum, offered as a joint program from the Dietrich College of Humanities and Social Sciences and the Heinz College of Information Systems and Public Policy. The new curriculum equips students to lead change at the interfaces of technology, organizations and society.

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Tech startup winners
Students in the tech startup course presented their final projects to a judging panel from Abu Issa Holdings, E-Butler, Ooredoo, and Qatar Science and Technology Park (QSTP). The top team, which included Yasmin Abdelaal, Zainab Akhtar, and Aya El-Sakka, won a spot in the QSTP XLR8 program.

Social commerce entrepreneurship
Information Systems junior Reem Al-Haddad created an Instagram khanfarooosh bakery as part of a fall 2019 course in e-commerce. When the course ended, she transformed the class project into a busy social commerce business, @BakedByReem.

GIS Technology Day 2019, Special Award
Chadi Aoun received a special award for his presentation, “GIS for emergent challenges: Empowering future information systems leaders,” at the 2019 GIS Technology Day, hosted by the Center for Geographic Information Systems in Qatar.

The most important things I carry from CMU are the skills of working smart, putting the right effort in the right place, and time management.

Omar Shaath
Information Systems 2011
Project Specialist
Ministry of Transport and Communications

Doha Oasis for Innovation
Information systems sophomore Mohammed Al-Qassabi was awarded the gold medal in the individual category at the Doha Oasis for Innovation. Al-Qassabi designed a prototype that helps soccer referees detect offside players during matches.

Nursing Informatics Symposium
Anis Charfi moderated the panel on cybersecurity in health care at Hamad Medical Corporation’s third annual Nursing Informatics Symposium.

President, AIS
Nui Vatanasakdakul was elected president of the Association of Information Systems, Qatar Chapter. Her term runs until 2022.
Students in every program learn to draw connections and work effectively outside their majors through study in the arts and sciences, including required courses such as chemistry, English, math and physics, and electives in a wide variety of disciplines.

**Top spots, QU Math Competition**

At the Qatar University Math Competition, first-year student Igli Milloja placed first in the men’s category, with Kevin Isufaj and Fangjiao Xu placing second in the men’s and women’s categories, respectively. Swapnendu Sanyal rounded out the men’s top three. Niraj Khare served as faculty advisor.

**WISE report on language policy**

Dudley Reynolds shared the findings of his research report, Language Policy in Globalized Contexts, at the WISE Summit 2019. The report, which was prepared in collaboration with WISE, calls on education systems around the world to examine how they support their communities’ language resources.

**QU Math Day**

Hasan Dermirkoparan delivered a presentation at Qatar University’s Math Day on the impact of the Pi Day Mathematics Competition on high school students in Qatar. Demirkoparan and Zelealem Yilma created the competition in 2016.

**CMU-Q Library**

The library is an essential resource for both study and research. Housing a large collection of print volumes, databases, e-journals and ebooks, the library also coordinates textbooks for all courses at CMU-Q.

When the CMU-Q building closed due to the pandemic, the library shifted to online mode, ensuring students and researchers had continued access to textbooks and information through digital sources.

**Gloriana St. Clair Lecture Series on 21st Century Librarianship**

CMU-Q hosted Megan Lotts, the art librarian from Rutgers University, for a lecture on fostering a culture of creativity and play in libraries. Lotts also delivered workshops at both CMU-Q and the Qatar National Library.

**PR Xchange Award**

The CMU-Q library won the PR Xchange Award from the Library Leadership and Management Association. Library director Teresa MacGregor, along with CMU’s Jill Chisnell and Heidi Wiren Bartlett, created the winning campaign to raise awareness of the many research databases available from the University Libraries.

**Farewell to Lansiné Kaba**

Historian Lansiné Kaba retired after spending more than a decade teaching at CMU-Q. The author of several books on African and Muslim history, Kaba joined the faculty of the Qatar campus in 2009 and was named the Thomas M. Kerr Distinguished Career Professor of History in 2017.
Students and faculty members at CMU-Q are encouraged to reach beyond traditional program boundaries to solve problems. Interdisciplinary projects and classes encourage creativity, innovative problem solving and teamwork.

The Arts in Qatar
Jennifer Bruder, Zelealem Yilma and Benjamin Reilly created a new interdisciplinary course that examines the arts in Qatar. Students explored Qatari literature, film, and art exhibits as a springboard for learning more about how cultural institutions reflect Qatari identity.

Interdisciplinary Collaboration

iGEM Bronze Achievement
A student team created a fast, inexpensive method to test for carriers of genetic diseases like sickle cell anemia and cystic fibrosis. The team presented the kit at the 2019 International Genetically Engineered Machines (iGEM) competition held in Boston, where they were recognized with a Bronze Achievement award.

The project brought together biological sciences students Dona Ferdinando, Dania Kaddoura, Muhammad Nahin Khan, Weilin Li and Reema Subeh, computer science students Đorđe Popović, Radu Revutchi, Rameez Saiyid and Omar Sinan, and information systems students Jinan Azem and Andrew Edward.

Creative video contest winner
Reem Al-Haddad, a junior in the Information Systems Program, created two original videos for a Snapchat contest for best creative video hosted by social media influencer Mohammad Al-Dosari. The two videos tied for first place in the contest.

Rhetoric, Science and the Public Sphere
Kira Dreher redesigned a course where students investigate how science is communicated in the public sphere. The course was offered for the first time in the spring semester, which provided students with the extraordinary opportunity to examine in real time how science is used to frame public health decisions with respect to the pandemic.

Statistical Consulting Center
Taeyong Park and Daniel Phelps created the Statistical Consulting Center to offer support to CMU-Q faculty, staff and students from all disciplines on research design, psychometrics and statistical modeling and analysis.
Community Engagement

We have strong, living connections to the global Carnegie Mellon community, Qatar Foundation, and our strategic partners in government and industry. These collaborations offer rich learning opportunities for our students as we help build Qatar’s knowledge economy.
One of our central roles as a university is to serve as a knowledge hub for the community, initiating the discussions that move society forward.

Education City is an open space for learning and discovery, and we want the community to come and experience it.

Michael Trick

Sheikha Hanadi Nasser Al Thani
Founder, Chairperson and CEO, Amwal
Empowering women in business and entrepreneurship

Kamel Abdallah
Group Chief Executive Officer, Baladna Food Industries
Managing sustainability in national food security programs

His Excellency Sheikh Abdulla Bin Saoud Al-Thani
Governor, Qatar Central Bank
Qatar’s strategy for fintech

His Excellency Ali bin Ahmed Al Kuwari
Minister of Commerce and Industry, State of Qatar
The role of the private sector in Qatar’s economic and industrial development

Mary Ellen Weber
Veteran astronaut, NASA
Leadership, governance and decisions: Lessons from space
Our Strategic Partners

We are proud to have strong, collaborative relationships within the Qatar community. Each year, we strive to strengthen the connections with our strategic partners, and reach out to form new partnerships.

Memoranda of Understanding
- beIN MEDIA GROUP
- Mada - Assistive Technology Center Qatar
- Qatar Biomedical Research Institute

Community Partner Workshops
- Leadership coaching for engagement and performance
- Cyber resilience in the digital transformation age
- Mastering corporate innovation and corporate entrepreneurship
- Perspectives on entrepreneurship:
  - Innovation-driven enterprises and startup valuation techniques
- Social engineering prevention: Helping employees and customers not be phished

Qatar IPv6 Taskforce
CMU-Q is part of the IPv6 Taskforce, appointed by the Communications Regulatory Authority to guide the adoption of IPv6 in Qatar. CMU-Q and Qatar University prepared the plan to upgrade the government network, and CMU-Q’s Khalid Warrainch presented the IPv6 deployment update at QITCOM 2019.

Hamad Bin Jassim Center for K-12 Computer Science Education
In 2017, CMU-Q and Jassim and Hamad Bin Jassim Charitable Foundation joined forces to create the Hamad bin Jassim Center for K-12 Computer Science Education. The center’s goal is to introduce school-aged children in Qatar to concepts and career paths in computer science.

Computing Hub
The Computing Hub is a new initiative to inspire interest and curiosity in computer science in K-12 students in Qatar. Targeting both students and educators, the Computing Hub provides a central place for learning, exploring, creating and collaborating in the area of computer science. Alice Middle East is an essential part of the Computing Hub.

Computing skills are fundamental for children who will spend their careers in a knowledge economy. We encourage all young people in Qatar to explore the world of programming and computing.

Saeed Al-Hajri
Board Member and CEO
Jassim and Hamad Bin Jassim Charitable Foundation

Mindcraft and Mindcraft Virtual
Taking place more than a dozen times each academic year, Mindcraft one-day workshops have introduced more than 5,000 students in Qatar to computer science. In the wake of the COVID-19 pandemic, the team created Mindcraft Virtual to engage students remotely.

Alice Middle East
Alice educational software was originally developed at CMU and adapted for Qatar with support from the Qatar National Research Fund. In partnership with the Ministry of Education and Higher Education, Alice Middle East is now part of the information communication technology curriculum at Qatar government schools.

In 2019-2020, the Computing Hub provided teaching training for the Alice computing curriculum to roughly 120 middle school teachers. Nearly 5,000 students have benefited from the program to date.

At the annual Alice Middle East Programming Competition, more than 100 students presented digital animations and games, with two teams from Al Khor International School taking first place. Abuissa Holdings generously provided the prizes for the competition.
Collaborations with Qatar Foundation

We are an integral part of Qatar Foundation, and our students, faculty and staff work with entities across Education City to build a hub of learning, cooperation and discovery.

Park and Plant
CMU-Q celebrated Sustainability Week by participating in the Park and Plant Initiative. Members of the CMU-Q community helped plant 109 trees around the building as part of QF’s multi-phase plan to restore Qatar’s rich indigenous landscape.

I AM QF
CMU-Q showcased two student-led projects at the Qatar Foundation community event, I AM QF: the interdisciplinary research team, iGEM, and the CarnegieApps Hackathon team.

Darb Al Saai
To celebrate Qatar National Day, CMU-Q created an interactive activity for football fans to explore the analytics of their favorite teams at Darb Al Saai. Researchers built the sports analytics activity using Q-Smartlab, a visual dashboard for big data that was created by CMU-Q as a teaching tool for studying financial markets.

Rimads startup
Mohammad Hammoud launched a technology startup, Rimads, at Qatar Science and Technology Park (QSTP). Rimads is building an end-to-end, AI-based medical ecosystem that aims to transform the health care experience.

Qatar Green Building Council
Chadi Aoun was part of a Qatar Green Building Council webinar to discuss how the COVID-19 pandemic will affect climate change. Aoun is an expert in sustainability and smart cities.

Awareness walk
CMU-Q was a co-organizer of the Breast Cancer and Domestic Violence Awareness Walk along with QF Community Development, Qatar University, the QF partner universities, QF Protection and Social Rehabilitation Center (AMAN) and Sidra Medicine.

Doha Debates
Doha Debates, in partnership with UNESCO, hosted a panel discussion at CMU-Q titled, “Can technology be used to make peace.”

Health and Wellness Fair
Education City students, faculty and staff explored Qatar’s resources for well-being at the annual Health and Wellness Fair, held at CMU-Q. The event, which featured 34 organizations that cover different aspects of health and wellness, is organized collaboratively by CMU-Q, the partner universities and Qatar Foundation.
QF Partners in Education

As an educational institution, we are in a unique position to influence and help develop the ways that people learn in Qatar. Through targeted programs, CMU-Q is enhancing learning opportunities in key areas.

Visit to CMU main campus
Vice chairperson and CEO of Qatar Foundation Her Excellency Sheikha Hind Bint Hamad Al Thani visited CMU’s main campus in Pittsburgh, where she participated in a roundtable discussion on artificial intelligence and toured academic centers focused on entrepreneurship, innovation, and teaching excellence.

Pre-University Education
Annette Vincent was appointed to the board of advisors for Qatar Academy for Science and Technology (QAST). Cecile le Roux was appointed to the board of advisors for Academyall.

Renad Academy
Students in Jennifer Bruder’s class on autism visited Qatar Foundation’s Renad Academy to gain a deeper understanding of autism in elementary school-aged children.

Qatar Faculty Forum
At the Qatar Faculty Forum, Taeyong Park discussed his statistical research into fear, information seeking, and the vote, and Teresa MacGregor presented her research on the impact of training on e-textbook platform preference.

World Mathematics Team Championships
Zelealem Yilma coached a team of high school students from several Qatar Foundation schools for the World Mathematics Team Championship in South Korea. Two of the team members achieved special honors.

Annual Report 2019-2020
We are proud to be part of the Carnegie Mellon global community, connected to the scholarship, research, spirit and culture that defines Carnegie Mellon worldwide.

President’s visit
Farnam Jahanian, the president of Carnegie Mellon University, visited the Qatar campus to meet with alumni, students, faculty and staff. At a special reception for alumni and community leaders, he outlined his vision for reimagining the student experience both within and beyond the classroom. While in Qatar, President Jahanian also met with His Excellency Sheikh Dr. Khalid Bin Thani Bin Abdullah Al Thani, chairman of Ezdan Holding Group.

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A. Nico Habermann Distinguished Lecture
Srinivasan Seshan spoke to CMU-Q about the past, present and future of delivering multimedia on the internet. Seshan is the department head for CMU’s Computer Science Department, and the Joseph F. Traub Professor.

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John Patrick Crecine Distinguished Lecture
Jeff Gill spoke to CMU-Q on the present and future of data science. Gill is a distinguished professor in the Department of Government and a professor in the Department of Mathematics and Statistics at American University.

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Washington Semester Program
Aisha Al-Ali, Abraham Faroqui, Naram Hajjar and Auguste Piromalli became the first students from the Qatar campus to participate in the Washington Semester Program, offered by CMU’s Institute for Politics and Strategy.

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Wimmer Faculty Fellow
Nesrine Affara was named one of six Wimmer Faculty Fellows for the 2020-21 academic year. Wimmer fellowships are offered by CMU’s Eberly Center for Teaching Excellence and Educational Innovation to encourage junior faculty members to explore the way they teach.

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Finalists, CMU Teaching Innovation Award
Silvia Pessoa, Maria Pia Gomez-Laich, Cecile le Roux, Divakaran Liginlal and Thomas Mitchell developed a process for improving student writing in information systems, organizational behavior and history. Chadi Aoun and Gordon Rule created an innovative approach to the PROPEL class.

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Student Experience

Our students go through a transformation over the four years of their undergraduate education. We encourage them to come together as a community of learners, explore their interests, and develop the skills they will need in their careers.
Our campus is a unique place to study: the students, alumni, faculty and staff form a close-knit, diverse community that is enthusiastic, supportive and energizing.

A Strong, Connected Community

Tarnival
Carnegie Mellon’s Tartan carnival, better known as Tarnival, took place on the Education City Green Spine in October. A long-standing tradition at CMU-Q, Tarnival brings together students, faculty, alumni and staff for an evening of fun, games and prizes.

New student orientation
In August 2019, CMU-Q welcomed the new class for a four-day orientation experience to introduce first-year students to the campus, and to one another. Orientation is organized by a team of current CMU-Q students and includes an intensive introduction to the resources, expectations, and academic areas at CMU-Q.

Thanksgiving lunch
CMU-Q celebrated Thanksgiving together at a lunch for students, staff and faculty. The November holiday is a tradition in the U.S. and an opportunity to express gratitude, kindness and the joy of community.

Pandemic food pantry
As Education City made the shift to remote learning, CMU-Q put important supports in place for international students. CMU-Q assigned a Student Affairs staff member to each international student, and provided regular care packages. CMU-Q also stocked a food pantry in each dorm, which was available to all Education City international students.

Hackathon 2020
The interdisciplinary team of Maryam Al-Darwish, Haya Al-Kaabi, Haya Al-Kuwari and Buthayna Almulla took the top prize at the 2020 Hackathon competition. There were 19 teams at the eighth edition of the student-led competition, including innovators from CMU-Q, College of the North Atlantic - Qatar, Qatar University and Texas A&M University at Qatar.

We felt that these initiatives were important so that our international students, who were residing in the dorms, felt supported and connected with their CMU-Q community.

Art Club exhibition
Co-founders of the Art Club, Khulood Al-Haroon and Noora Al-Shukri, organized a two-week exhibition of CMU-Q artwork at the Qatar Foundation Student Center. The exhibition included paintings, poetry and photographs submitted by members of the CMU-Q community, including students from all majors.

Atorina Benjamin
Psychologist
CMU-Q Student Affairs

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Peer-to-Peer Learning

At CMU-Q, learning continues beyond the classroom. Discovery and exploration is at the heart of the CMU-Q experience, and students have many opportunities to share their knowledge, skills and talent with their peers.

Peer Health Advocates

Peer Health Advocates (PHA) is a peer-to-peer organization that increases awareness of health and wellness in the CMU-Q community. Through events and awareness campaigns, PHA students promote an open exchange of information and ideas, while developing leadership and communication skills.

Undergraduate course assistants

Course assistants are an essential part of the learning team at CMU-Q. Undergraduates who have excelled in specific courses can become a course assistant in later years, working with faculty and the Academic Resource Center to support student learning. There were 96 course assistants during the fall and spring academic sessions.

Outstanding Course Assistant

Each year, the Outstanding Course Assistant award recognizes a student who has made an exceptional contribution to student learning. This year, Swapnendu Sanyal, a senior in computer science, received the award.

StuCo program

The Student Courses (StuCo) program offers students the opportunity to design and deliver a unique course at CMU-Q. Students who are selected StuCo receive training and resources, including guidance on course design, syllabus writing, and teaching.

- ABCD: Any Body Can Dance
- Controversies: Think, Speak, and Listen
- Conversational Arabic for Non-Native Speakers
- Creative Expression through Japanese Culture
- Drawing and Surrealism
- Introduction to Ballroom Dancing
- Introduction to Improvisational Comedy
- Introduction to Pakistan and its Culture
- Introduction to Qur’anic Recitation
- Qur’anic Stories

Language Bridges

Language Bridges is a student-led organization where CMU-Q students teach English to QF service workers. For many students, participating in Language Bridges is an introduction to teaching and sharing knowledge.
Leadership and Career Development

Through a slate of offerings outside the classroom, students learn how to work in teams, organize and lead groups, and network with people within and outside of the CMU-Q community. These skills are critical for new graduates to contribute and succeed in the workplace.

Internship Showcase
Internship Showcase 2019 brought together students from all years and programs of study to learn how internships can help put knowledge and learning into practice. Fahad Salah Bahzad, Imane Bendou, Sondoss Hassan and Đorđe Popović shared how interning helped to solidify the concepts they learned in the classroom.

Arabic language debate
A team of CMU-Q students placed third at the Asian Arabic Language Debating Championship held in Kuala Lumpur, Malaysia. Rahaf Abutarbush, Ammar Karkour and Abdullah Shaar were among nearly 50 teams from across Asia participating in the tournament.

Career networking

Shift to virtual career development
As the pandemic shifted the outlook for summer internships and employment, CMU-Q, along with the QF partner universities, organized the first career-focused remote event titled, “Career opportunities and challenges in times of COVID-19.” Nearly 130 students joined the virtual event to learn about the hiring landscape in Doha.

Student Majlis
The Student Majlis is the official student committee at CMU-Q, representing the student body with faculty leadership, overseeing clubs and activities and ensuring the community is cohesive and engaged.

- Muhammad Ahmed Zahid, President
- Muhammad Syed, Vice President
- Đorđe Popović, Head of Finance
- Yara Al-Shakhs, Head of Clubs and Organizations
- Mubarak Al-Sulaiti, Head of Communications
- Arambha Niraula, Head of Sports and Wellness

30 student-led clubs

Academic
• 05

Cultural
• 02

Service
• 03

Special interest
• 14

Sports
• 06

Student Leadership Awards
Each year, CMU-Q acknowledges graduating seniors who have excelled in the areas of leadership, service and community building.

- Haya Al-Kaabi
- Omar El-Saka
- Dona Ferdinando
- Divi Mishra
- Hanna Farooq Moazam
- Fatima Mustafawi, with distinction

18 career information sessions
417 career counselling appointments

Career networking

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At its heart, research at Carnegie Mellon looks for practical answers to complex, real world problems. In this spirit, we at the Qatar campus encourage our faculty members and students to explore their fields and engage in projects that will have an impact.
CMU-Q researchers are actively engaged with the international research community, leading or collaborating on a myriad of projects. Faculty members also contribute to the engines that drive international research, including academic publications, professional organizations, and conference organizers.

**Linguistic map of Qatari dialects**

Zeinab Ibrahim is leading a team to create an interactive linguistic map of Qatari dialects. The project was selected for QNRF’s National Priorities Research Program. The team, which includes CMU-Q’s Houda Bouamor, as well as researchers from Doha International Family Institute, Georgetown University in Qatar, and Qatar University, will map the variations of Qatari dialect and create a digital tool for exploring pronunciation, usage and expressions.

**JISE Best Paper award**

Silvia Pessoa, Maria Pia Gomez-Lach, Divakaran Liginlal, and Thomas Mitchell received the 2019 Best Paper award from the Journal of Information Systems Education (JISE). The paper is one of seven articles and 20 presentations to arise from SLATE-Q, a multi-year project called Scaffolding Literacy in Academic and Tertiary Environments in Qatar, which was funded by Qatar National Research Fund.

**SmartTech ’19 Research Outcome Seminar**

Anis Charfi presented his work on Arabic author profiling for cybersecurity at the SmartTech ’19 Research Outcome Seminar, hosted by Qatar National Research Fund.

**New seed grants**

- Cognition in context, Jennifer Bruder
- Understanding social, physical, and mental health and cognitive processes in the next generation of Qatar’s leaders and influencers, Lauren Burakowski
- Unleashing the power of social commerce in the C2C platforms: A cross-cultural analysis, Nui Vatanasakdakul

**International research community collaborations**

Khaled Harras was appointed associate editor for IEEE Transactions on Mobile Computing, a scholarly journal published by the IEEE Computer Society.

Kemal Oflazer served as senior program committee member for the 58th Annual Meeting of the Association for Computational Linguistics. He also served as area chair for the 2019 Conference on Empirical Methods in Natural Language Processing.

Saquib Razak served as advisor to the National Curriculum Committee for Pakistan’s Ministry of Education and Professional Training, for the design of a national curriculum for middle school computer studies.

Benjamin Reilly was appointed to the editorial board of the Journal of World History.

Giselle Reis was the co-chair for the 2019 Proof Exchange for Theorem Proving in Brazil. She also served on the program committee for Tableaux 2019 in the UK and the 2020 Joint Workshop on Linearity in Logic and Computer Science and its Applications in France.

Ryan Riley was the technical program committee co-chair for the International Conference on Cyber Security for Emerging Technologies, hosted by Qatar University’s KINDI Research Center.

Nui Vatanasakdakul served as the research track chair for the Green IS and Sustainability special interest group for the Americas Conference on Information Systems.

Ihab Younis was appointed an associate editor for Frontiers in Oncology – Cancer Genetics.
QNRF-funded Research Projects

For more than a decade, Carnegie Mellon University in Qatar has been proud to contribute to the Qatar National Vision 2030 through Qatar National Research Fund’s National Priorities Research Program.

Role of the PDZ and LIM containing protein Zasp in integrin mediated cell adhesion
Lead PI: Mohamed Bouaouina

Arab author profiling for cyber-security
Lead PI: Anis Charfi
Subaward partners:
Pt. Wajdi Zaghouni, Hamad Bin Khalifa University
Pt. Abdelmajid Ben Hamadou, Centre de Recherche en Numérique de Sfax, Tunisia
Pt. Paolo Ross, Polytechnic University of Valencia, Spain

New mathematical models for the large strain swelling response of biological tissues: Applications to edema, inflammation, and pregnancy
Co-Lead PI: Hasan Demirkoparan
Lead PI: Thomas Pence, Michigan State University, UA

Teams of aquatic/aerial robots for marine environmental monitoring (TARMEM)
Lead PI: Gianni Di Caro
Subaward partners:
Pt. Enrico Simetti, University of Genova
Pt. Filippo Arrighiello, University of Cassino and Southern Lazio

Towards mobile opportunistic cloud computing: Enabling generic computation offloading to extreme heterogeneous entities
Lead PI: Khaled Harras

MADAR: Multi-Arabic dialect applications and resources
Co-Lead PI: Kemal Oflazer
Pt. Houda Bouamor
Subaward partners:
Lead PI: Nizar Habash, New York University Abu Dhabi
Pt. Owen Rambow, Columbia University in the City of New York

Testing English reading comprehension through deep text analysis and question generation
Lead PI: Kemal Oflazer
Pt. Teruko Mitamura, Carnegie Mellon University

SLATE-Q: Scaffolding literacy in academic and tertiary environments: The case of communication in information systems
Lead PI: Silvia Pessoa
Pt. Maria Pia Gomez-Laich
Pt. Selma Limam Mansar
Pt. Thomas Mitchell
Pt. Susan Hagan
Pt. Divakaran Liginlal
Subaward partners:
Pt. Ryan Miller, Kent State University
Pt. Ahmar Mahboob, University of Sydney

Bringing computer science to secondary schools – Curriculum design and implementation
Lead PI: Saquib Razak

The garbled computer: Towards computing without seeing
Pt. Ryan Riley
Subaward partner:
Lead PI: Qutaibah Malluhi, Qatar University

Using bacteriophages as biomonitoring tools for water quality measurements
Lead PI: Annette Vincent
Pt. Valentin Ilyin
Subaward partner:
Pt. Basem Shomar, Qatar Environment and Energy Research Institute (QEERI), HBKU

Circumventing of microbial bioinvasion controls by ballast water
Pt. Annette Vincent
Subaward partner:
Lead PI: Basem Shomar, Qatar Environment and Energy Research Institute (QEERI), HBKU

Molecular profiling of breast cancer transcriptome and splicing aberrations
Lead PI: Ihab Younis
Student Research

Through research projects, students develop the skills of intellectual rigor and creative problem solving that are integral to their careers and future studies.

UREP project on attitudes toward Qatar wildlife
Four information systems students are researching Qatar residents’ awareness and attitudes toward native wildlife species. The team of Reem Al-Haddad, Sara Al-Hemaidi, Amal Al-Korbi and Almayasa Al-Naimi, along with faculty advisors Jennifer Bruder and Lauren Burakowski, received a grant for the project from the QNRF’s Undergraduate Research Experience Program.

Summer Undergraduate Research Apprenticeship
Nesrine Affara, Mohamed Bouaouina, Gordon Rule, Annette Vincent and Ihab Younis created a new opportunity to introduce students to research. Available to students in any major, SURA participants learn the basics of research design and work under the mentorship of a faculty researcher.

Qatar Student-Initiated Undergraduate Research Program
The Qatar Student-Initiated Undergraduate Research Program offers support for students pursuing a research, scholarly or artistic project over the summer. In 2019, seven students were selected for QSIURP awards.

Senior Honors theses
Sixteen graduating students in all five academic programs completed a senior honors thesis. The students presented their research at a virtual event for students, faculty, families and the wider community.

For some time now, these 16 graduating students have experienced one of the best feelings in research: to know something no one else in the world knows. Today, they will tell the world about their findings.

Michael Trick
College Honors presentations
Class of 2020

- Yasmin Abdelaal
- Alanoon Al-Thani
- Haya Al-Kaabi
- Mohammed Yusuf Ansari
- Fahad Salah Bahzad
- Raghid Bsat

- Faiq Defiandry
- Aya El-Sakka
- Dona Ferdinando
- Mohammed Nurul Hoque
- Muhammad Nahin Khan
- Hanna Farooq Moazam

- Reem Al-Sayed
- Maryam Aslam
- Laila El-Beheiry
- Mariam El-Esnawy
- Maher Habboub
- Syeda Hira Hashmi
- Mohammed Tareef Sayed

Support for students pursuing research, scholarly or artistic projects over the summer. In 2019, seven students were selected for QSIURP awards.

- Mariyam Amir
- Mohammad Shahmeer Ahmad
- Raghid Bsat
- Dona Ferdinando
- Mohammed Nurul Hoque
- Muhammad Nahin Khan
- Hari Krishna
Since 2007, Meeting of the Minds has been an annual opportunity for students to present their research work to the community. With pandemic restrictions preventing an in-person event, CMU-Q created meetingminds.qatar.cmu.edu, a new digital channel for students to share their projects.

Meeting of the Minds 2020 projects, by faculty advisor

Nesrine Affara
- Characterization of recruitment, activation, and induction of naïve fibroblasts in a tumor-educated environment, Maha Al-Mulla
- Profiling colorectal cancer cells and their interactions with fibroblasts in 3D spheroid cultures, Joana Khatib
- Comparative analysis of the role of the tumor cells in educating naïve fibroblasts into cancer-associated fibroblasts using 2D vs. 3D environments. Aysê Haruka Açıkbaş

Mustafa Akan
- Measuring efficiency of Qatari public secondary boys schools outside Doha, Shireen Ahmed, Fahad Salah Bahzad
- Social welfare maximization for public transportation in Qatar, Fahad Salah Bahzad

Mohamed Bouauouna
- ECM effects on integrin-mediated signaling in breast cancer cells, Sondoss Hassan
- Machine learning-based method to identify coverslips on microscopy slides, Abubaker Omer

Anis Charfi
- Comparative study of NoSQL databases: Planning, modelling, implementation, management. Mariyam Amir, Mohammad Shahmeer Ahmad

Susan Hagan
- ICTruly Human Life: Using technology to help low-income expat workers in Qatar achieve a truly human life. Fatima Mustafawi

Mohammad Hammoud
- An experimental study of multi-stage retrieval systems, Mohammed Yusuf Ansari

Khaled Harras
- WebAssembly for agile offloading in edge computing. Mohammed Nurul Hoque

Christos Kapoutsis
- Improved complement for two-way alternating automata. Mohammad Zakzok

Cecile le Roux
- Student achievement motivation at CMU-Q: Investigating the types of academic goals, reasons for goal pursuit, and goal-reason combinations that relate to academic achievement behavior for undergraduate university students in Qatar’s branch campus of CMU, Alanood Al-Thani

Cecile le Roux, Mariella Rodriguez, Michael Melville
- Can we support students to think independently and develop reflective judgement? Mariyam Amir

Sama Limam Mansar
- Examination of the relationships and patterns in patient-initiated vlogs and their effect on vloggers’ wellbeing. Yasmin Abdelaal
- Facilitating medical refills at the age of drones, Aya El-Sakka

Nui Vatanasakdakul
- Augmented reality and user satisfaction in leisure tourism. Sara Al-Mohanadi, Reem Al-Haddad
- Factors affecting the adoption of social commerce in the Indonesian retail industry: A consumer's perspective. Faiz Deifandy

Annette Vincent
- Nitrogen fertilizer - go or foe? Hissa Al-Fakhri, Mariam El-Esnawy, Reem Al-Sayed
- L-leucine, a potential drug to inhibit cancer metastasis. Weilin Li, Joana Khatib

Zealealem Yilma
- Eigencentrality in bipartite graphs, Mohammed Nurul Hoque

Ihab Younis
- Investigating the alternative splicing patterns of RNA binding proteins (RBPs) in breast cancer. Mariam El-Esnawy
- Characterization of minor intron and minor intron-containing genes, Beom Jin Park
Throughout the year, and through a variety of media channels, we share our achievements and milestones with the Qatar community. We believe the stories of the CMU-Q community are part of the larger story of Qatar’s transformation into a knowledge-based economy. We also hope to inspire a new generation of students to imagine and deliver work that matters, both to Qatar and the world.
Public Relations

Through marketing and public relations, we share our achievements with the community, reach out to bright and ambitious high school students, and raise awareness of our talented graduates with potential employers.

CMU-Q in the news
Local, regional and international media published 462 articles about our events and accomplishments over the academic year.

Coverage by language

<table>
<thead>
<tr>
<th>Language</th>
<th>Articles</th>
</tr>
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<tbody>
<tr>
<td>Arabic</td>
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Type of coverage

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<tr>
<td>Print</td>
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</tr>
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</table>

CMU-Q in the news

- **CMU-Q welcomes Class of 2023**
- **Innovative courses open up new worlds for Carnegie Mellon students**
- **Carnegie Mellon Qatar research wins 2019 Best Paper award**
- **Hamad bin Jassim Center and Carnegie Mellon recognize winners of programming competition**
- **Carnegie Mellon Qatar faculty explores the future of teaching**
- **Minister of Commerce and Industry: Diversification, self-sufficiency are keys to Qatar’s development**
- **Governor of Qatar Central Bank: we can future-proof the nation’s banking sector**
- **All-female Qatari team wins top award at Carnegie Mellon innovation competition**
- **Carnegie Mellon Qatar launches virtual computer science discovery workshop**
- **Carnegie Mellon Qatar celebrates Class of 2020**

Top news stories

Digital channels
We reach out to our audiences through several digital channels by producing stories, event posters, photo galleries, posts and video, and then promoting that content through targeted use of social media.

Virtual events
With the pandemic restrictions on in-person events beginning in March, CMU-Q turned to virtual events to celebrate the community’s many achievements. CMU-Q hosted 24 virtual events as the academic year wrapped up.

Collaboration with Qatar Foundation
As a Qatar Foundation partner university, CMU-Q is proud to work with QF to showcase the achievements of our faculty and students. In the past academic year, CMU-Q participated in nine interviews or story collaborations with QF.
The Year in the News

Jul 2019
- Aspire Zone Foundation and CMU-Q sign agreement
- Carnegie Mellon graduate launches movies theater app for Qatar
- Getting the best of both worlds: CMU exchange student Lena Li on her Qatar experience
- “Now, it’s time for culturally relevant businesses”
- Sidra Medicine, CMU-Q sign pact to promote collaboration
- Gulf Times: International stem cell research org honors CMU-Q alumna
- QCRI culminates summer internship programme
- CMU-Q’s Mohamed Bouaouina named 2019-20 Wimmer Faculty Fellow
- Qatar high school students explore careers and campus life at Carnegie Mellon

Aug 2019
- CMU-Q student secures first prize for QCRI research project
- Carnegie Mellon professor compiles decades of research into Turkish Natural Language Processing
- CMU-Q anthology celebrates creativity, artistic talent
- Class of 2023 Orientation: Envision endless opportunities
- CMU-Q welcomes Class of 2023
- Annual scholarship from Carnegie Mellon for most deserved

Sep 2019
- Qatar Foundation welcomes students at orientation event
- Minister of Commerce and Industry: Diversification, self-sufficiency are keys to Qatar’s development
- Carnegie Mellon Qatar welcomes new faculty members
- Veteran NASA astronaut shares insights on decision-making dynamics at Carnegie Mellon
- CMU-Q announces class of 2020 scholars
- Carnegie Mellon Qatar welcomes most diverse new class in campus history
- CMU-Q students apply learning and knowledge through internship experiences
- Education City Health and Wellness Fair comes back to CMU-Q

Oct 2019
- Gulf Times: Carnegie Mellon startup achieves international tech success
- Carnegie Mellon Qatar lecture explores national food security
- Governor of Qatar Central Bank: we can future-proof the nation’s banking sector with fintech
- Carnegie Mellon team wins Oman programming competition
- Carnegie Mellon Qatar celebrates academic excellence
- Personal struggle inspires launch of innovative healthcare platform
- “Being part of CMU-Q’s Class of 2018 was a defining moment of my life”
- Meddy series A funding
- CMU-Q community plants trees as part of campus-wide commitment to sustainability

Nov 2019
- CMU-Q student takes second at sports tech hackathon
- Entrepreneurial alum wins “Best Startup” silver medal
- Mada MOU signing with CMU-Q
- Qatari entrepreneur urges Carnegie Mellon students to strive for global excellence in business and innovation
- Qatar tech firms share knowledge, opportunities at Careers Platform event
- High school students test drive CMU-Q’s academic programs
- CMU-Q alums take first place at IdeaCamp 2019
- CMU-Q alum empowers people in Qatar to find a sport they will love
- President of Carnegie Mellon: “We will lead the transformation of higher education”
- Srinivasan Seshan on the past, present and future of the internet
- CMU-Q’s Dudley Reynolds: “We live in an age where multilingualism is the norm”

Dec 2019
- CMU-Q alum organizing second Qatar 48-Hour Film Challenge
- CMU-Q team creates fast, inexpensive screening kit for genetic disease carriers
- Carnegie Mellon leads team to create interactive map of Qatari dialect
- Carnegie Mellon celebrates Qatar National Day with football big data
- Alum entrepreneurs make Forbes “30 under 30” list
- CMU-Q debaters place third at Asian Arabic language championship
- Zaid Haque on his years at CMU-Q: “If I could go back, I would tell myself to sleep less and enjoy the experience even more”
- Innovative courses open up new worlds for Carnegie Mellon students
The Year in the News

Jan 2020
- Molly Wright Steenerson on AI: “Every time you talk about an algorithm, you’re also talking about a person.”
- Alum Asma Al-Kuwari on mentoring current CMU-Q students: “I want to be that person for them.”
- Sheikha Hind meets heads of QF’s international education partners in US
- CMU-Q student wins gold medal at Doha Oasis for Innovation
- 117 high school students explore their study options at CMU-Q
- Fatima Amir on her CMU-Q experience: “As a senior, you look back at your freshman self and say, wow, that growth has been kind of crazy.”
- Carnegie Mellon Qatar admits largest group of Early Decision students
- CMU's David Danks on the new micro course experience
- Dean's Lecture Series enters 10th stimulating year
- Ihab Younis: Precision medicine can become a reality through knowledge sharing and collaboration

Feb 2020
- CMU-Q: Unmatched expertise
- All-female Qatari team wins top award at Carnegie Mellon innovation competition
- CMU-Q students win first place in Qatar University cyber challenge
- Lebanese School of Qatar wins top prize at Carnegie Mellon’s Botball
- Carnegie Mellon team wins management consulting case competition
- CMU-Q computer science students take top spots at Qatar University Math Competition
- Carnegie Mellon University in Qatar alumni celebrate milestone reunions
- CMU-Q hosts only Google Hash Code Hub in Qatar
- Biological sciences students encourage creativity, artistic exploration

Mar 2020
- Simon DeDeo discusses the nature of intelligence and AI
- Quantitative reasoning is critical for 21st century careers
- Alumna MinKyung Kang is a blossoming entrepreneur
- CMU-Q student creates two winning videos for Snapchat contest
- CMU-Q grad receives platinum Education Excellence Award
- Seven thousand miles away from campus, CMU-Q students experience Washington, DC
- Dean Michael Trick says collaboration, community is making remote learning a success
- Agustín Indaco: Saving the economy from the coronavirus

Apr 2020
- Hamad bin Jassim Center and Carnegie Mellon recognize winners of programming competition
- CMU-Q creates open mini-course on remote teaching
- CMU-Q announces winners of Pi Day Math Contest 2020
- Carnegie Mellon Qatar celebrates academic excellence in first virtual ceremony
- Carnegie Mellon Qatar faculty explores the future of teaching
- The future of libraries in a social distancing world
- CMU-Q community rolls out the virtual red carpet for Class of 2024
- Information Systems professor joins panel on climate change and coronavirus
- BA student joins discussion on post-pandemic era
- Nahin Khan's career path brings together two very different fields of study
- Film by CMU-Q grad launches DFI's “Short of the Week” series

May 2020
- Carnegie Mellon Qatar goes virtual to celebrate Class of 2020
- Fatima Mustafawi's experience at CMU-Q inspires career in education
- CMU-Q alumnus perfumer adapts his business to battle COVID-19
- QF partner universities unite to help job-seeking students
- Carnegie Mellon Qatar celebrates Class of 2020
- Comp bio grad Raghid Bsat finds community, opportunities at CMU-Q
- Working remotely: Balancing blended roles and competing demands

Jun 2020
- Qatar’s resilience has been an inspiration: Dean of CMU-Q
- Fahad Bahzad has deepened his connection, contribution to Qatar
- CMU-Q alum reimagines the education landscape
- CMU-Q recognizes five graduates with top academic award
- Hanna Moazam contributes to Carnegie Mellon community on three continents
- CMU-Q recognizes two professors for exceptional teaching award
- Carnegie Mellon Qatar research wins 2019 Best Paper award
- CMU announces Nesrine Affara as 2020-21 Wimmer Faculty Fellow
- CMU-Q Class of 2020 grad develops mobile app for low-income workers
- Carnegie Mellon graduates to Al Sharq: The development of the business environment to reduce the risk of corona on society
- Education City Graduation 2020
- Carnegie Mellon Qatar launches virtual computer science discovery workshop
Our Leadership, Our Faculty, Our Partners
## Advisors and Senior Leadership
### Academic Year 2019-2020

### Joint Advisory Board

<table>
<thead>
<tr>
<th>Qatar Foundation members</th>
<th>H.E. Dr. Hessa Sultan Al Jaber</th>
<th>Chairperson, Es’hailSat, The Qatar Satellite Company</th>
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</thead>
<tbody>
<tr>
<td>H.E. Sheikh Faisal Bin Qassim Al Thani</td>
<td>Chairman, Al Faisal Holding</td>
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<tr>
<td>Reem Al Mansoori</td>
<td>Assistant Undersecretary, Digital Society Development Sector Ministry of Transport and Communications</td>
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<tr>
<td>Ahmed Elmagarmid</td>
<td>Executive Director, Qatar Computing Research Institute Hamad Bin Khalifa University</td>
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<tr>
<td>Carnegie Mellon University members</td>
<td>James H. Garrett, Jr.</td>
<td>Provost and Chief Academic Officer</td>
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<tr>
<td></td>
<td>Mary Jo Dively</td>
<td>Vice President and General Counsel</td>
</tr>
<tr>
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<td>Amy Burkert</td>
<td>Vice Provost for Education</td>
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<td>Duane Seppi (Fall 2019)</td>
<td>The BNY Mellon Professor of Finance Tepper School of Business</td>
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<td>Jonathan Caulkins (Spring 2020)</td>
<td>H. Guiford Stever University Professor of Operations Research and Public Policy Heinz College</td>
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<tr>
<td>Independent members</td>
<td>N. Balakrishnan</td>
<td>Associate Director Indian Institute of Science</td>
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<td>Gabriel Hawawini</td>
<td>The Henry Grunfield Professor of Investment Banking INSEAD</td>
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<td>Kurt Mehlhorn</td>
<td>Director, Max Planck Institute for Informatics Saarland University</td>
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<td>Ex officio members</td>
<td>Michael Mitchell</td>
<td>General Counsel, Qatar Foundation</td>
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<td>Michael Trick</td>
<td>Dean Carnegie Mellon University in Qatar</td>
</tr>
</tbody>
</table>

### Dean’s Office

| Michael Trick | Dean Harry B. and James H. Higgins Professor of Operations Research |
| Selma Limam Mansar | Senior Associate Dean, Education Area Head, Information Systems Teaching Professor, Information Systems |
| John O’Brien | Senior Associate Dean, Faculty and Outreach Area Head, Business Administration Associate Professor, Accounting and Experimental Economics |
| Kemal Oflazer | Associate Dean, Research Area Head, Computer Science Teaching Professor, Computer Science |
| Fadhel Annan | Associate Dean, Government and Corporate Affairs |
| Renee Camerlengo | Associate Dean, Student Affairs and International Education |
| Edna Jackson | Director, Dean’s Office |
| Richard Mundy | Chief Operations Officer |
| Renee Camerlengo | Executive Director, Marketing and Public Relations |
| Khalid Sarwar Warraich | Chief Information Officer |

### Faculty Leadership

| Chadi Aoun | Program Director, Information Systems Associate Teaching Professor, Information Systems |
| Khaled Harras | Program Director, Computer Science and Computational Biology Teaching Professor, Computer Science |
| Patrick McGinnis | Program Director, Business Administration Distinguished Career Professor, Business Communication |
| Marion Oliver | Area Co-Head, Arts and Sciences Teaching Professor, Mathematics |
| Dudley Reynolds | Area Co-Head, Arts and Sciences Teaching Professor, English |
| Gordon Rule | Area Head, Biological Sciences Professor, Biological Sciences |
| Annette Vincent | Program Director, Biological Sciences Associate Teaching Professor, Biological Sciences |
Faculty
Academic Year 2019-2020

Nesrine Affara  Assistant Teaching Professor, Biological Sciences
Mustafa Akan  Associate Professor, Operations Management
Serkan Akgüş  Assistant Teaching Professor, Finance
Chadi Aoun  Program Director, Information Systems
Ravichandra Bachu  Assistant Teaching Professor, Chemistry
Serra Boranbay-Akan  Assistant Teaching Professor, Economics
Houida Bouamor  Assistant Teaching Professor, Information Systems
Mohamed Bouaouina  Associate Teaching Professor, Biological Sciences
Jennifer Bruder  Assistant Teaching Professor, Psychology
Lauren Burakowski  Assistant Teaching Professor, Psychology
Anis Charfi  Associate Teaching Professor, Information Systems
Milton Cofield  Distinguished Service Professor, Business Management
Hasan Demirkoparan  Associate Teaching Professor, Mathematics
Gianni Di Caro  Associate Teaching Professor, Computer Science
Kira Dreher  Assistant Teaching Professor, English
Fuad Farooqi  Associate Teaching Professor, Finance
Simon Faulkner  Assistant Teaching Professor, Chemistry
Maria Pia Gomez-Laich  Assistant Teaching Professor, English
Susan Hagan  Associate Teaching Professor, Information Systems
Mohammad Hammad  Assistant Teaching Professor, Computer Science
Khaled Haras  Program Director, Computer Science and Computational Biology
Erik Helin  Special Lecturer, Spanish
Zeinab Ibrahim  Teaching Professor, Arabic Studies
Valentin Ilyin  Associate Teaching Professor, Computational Biology
Agustin Indaco  Assistant Teaching Professor, Economics
Lansiné Kaba  Thomas M. Kerr Distinguished Career Professor
Christos Kapoutsis  Associate Teaching Professor, Computer Science
Niraj Khare  Assistant Teaching Professor, Mathematics
Jasmine Kirby  Instruction and Engagement Librarian
Ramesh Krishnamurti  Professor, Architecture
Cecile le Roux  Assistant Teaching Professor, Organization and Behavior
Divakaran Ligimil  Teaching Professor, Information Systems

Selma Limam Mansar  Senior Associate Dean, Education
Teresa MacGregor  Director, Library
Patrick McGinnis  Program Director, Business Administration
Eduardo Miranda  Associate Teaching Professor, Information Systems
Thomas Mitchell  Associate Teaching Professor, English
Ezzouha Mouflid  Lecturer, French
Deepa Nair  Assistant Teaching Professor, History
John O’Brien  Senior Associate Dean, Faculty and Outreach
Mohamed Zayed  Associate Teaching Professor, Physics
Carnegie Mellon has built relationships with companies and organizations across various sectors. Our partners work closely with us by speaking through our Career Development Office, providing internships and jobs, participating in Community Partner Workshops, sponsoring students, sponsoring events and strengthening ties through Memoranda of Understanding.

- 004 Arabia
- Abulss Holding
- ADAbasr
- Adecco Group
- Al Emadi Enterprises
- Al Faisal Holding
- Al Jazeera Media Network
- Al Khail Commercial Bank (Al khailji)
- Al Sawari Holding
- Al Faisal Without Borders Foundation
- Alfordan Group
- Al Bin Ali Group
- Amiri Diwan
- Aspire Zone Foundation
- Bain
- Barzan Holdings
- Bayt.com
- beIN MEDIA GROUP
- Boeing
- Boston Consulting Group
- Canon
- Careem
- Center for GIS Qatar
- Cisco
- Coca-Cola
- Commercial Bank of Qatar
- Communications Regulatory Authority
- Cosette Solutions
- Council of Ministers
- Darwish Holding
- Davidson Consulting
- Deloitte
- DHL
- Digital Incubation Center
- EBLA Computer Consultancy Company
- EButler
- Education Above All
- Education USA
- Embassy of Belgium in Qatar
- Embassy of Canada to Qatar
- Embassy of France, Doha
- Embassy of Italy in Doha
- Embassy of the Republic of Serbia
- Embassy of the State of Kuwait
- Equine Veterinary Medical Center
- EY
- ExxonMobil Qatar
- GE
- Georgetown University in Qatar
- German Embassy in Doha
- Giraas
- Gulf Bridge International
- Gulf Business Machines
- Hamad Bin Khalifa University
- Hamad Medical Corporation
- Henkel
- Hilti
- Hochschild vicon
- Huawei
- INJAZ Qatar
- Internal Security Force (Lekhwiya)
- Intesa Sanpaolo
- Investment Promotion Agency Qatar
- Jassim and Hamad Bin Jassim Charitable Foundation
- Katara Cultural Village
- Kearney
- KPMG
- Mada - Assistive Technology Center Qatar
- Malomatia
- Mazars
- Mazaya Qatar
- McKinsey & Company
- Medgy
- Medihthalth Solutions At-Home Doc
- Microsoft
- Ministry of Administrative Development, Labour and Social Affairs
- Ministry of Commerce and Industry
- Ministry of Defense
- Ministry of Education and Higher Education
- Ministry of Finance
- Ministry of Foreign Affairs
- Ministry of Interior
- Ministry of Municipality and Environment
- Ministry of Transport and Communications
- Modaris
- Nakilat
- National Center for Cancer Care and Research
- Nestle
- Northwestern University in Qatar
- Oliver Wymann
- Olympic Stars
- Omari Embassy in Doha, Qatar
- One Foods
- Oola Sportswear
- Ooredoo
- Oryx GTL
- Planning and Statistics Authority
- PwC
- Qatar Airways
- Qatar Armed Forces
- Qatar Biobank
- Qatar Biomedical Research Institute
- Qatar Business Incubation Center
- Qatar Cancer Society
- Qatar Central Bank
- Qatar Chemical Company Ltd (Q-Chem)
- Qatar Computing Research Institute
- Qatar Credit Bureau
- Qatar Development Bank
- Qatar Electricity & Water Co.
- Qatar Environment and Energy Research Institute
- Qatar Fertilizer Company
- Qatar Finance and Business Academy
- Qatar Financial Center
- Qatar Financial Center Regulatory Authority
- Qatar First Bank
- Qatar Foundation
- Qatar Foundation Research, Development and Innovation
- Qatar Investment Authority
- Qatar Mobility Innovation Center
- Qatar Museums Authority
- Qatar National Bank
- Qatar National Research Fund
- Qatar Olympic Committee
- Qatar Petrochemical Company (QAPCO)
- Qatar Petroleum
- Qatar Science and Technology Park
- Qatar Shell
- Qatar Solar Technologies
- Qatar Stock Exchange
- Qatar University
- QatarGas
- Qinvest
- QLife Pharma
- Regency Group Holding
- Rheinmetall Barzan Advanced Technology Academy
- Salam Technology
- Saleh Hamad Al Mana Co.
- SAP
- SDK Marketing
- Sidra Medicine
- Siemens Qatar
- Sillatech
- Snoonu
- STA Enterprises
- Standard Chartered
- State Audit Bureau
- Subal Innovation
- Supreme Committee for Delivery and Legacy
- Teach For Qatar
- TESOL International Association
- Texas A&M University at Qatar
- Trio Investment
- U.S. Embassy in Qatar
- VCUArts Qatar
- Vodafone Qatar
- Weill Cornell Medicine—Qatar
- World Innovation Summit for Education (WISE)
- Woqood
- Zomato
About Us

For more than a century, Carnegie Mellon University has challenged the curious and passionate to imagine and deliver work that matters. A private, top-ranked and global university, Carnegie Mellon sets its own course with programs that inspire creativity and collaboration.

In 2004, Carnegie Mellon and Qatar Foundation began a partnership to deliver select programs that will contribute to the long-term development of Qatar. Today, Carnegie Mellon Qatar offers undergraduate programs in biological sciences, business administration, computer science, and information systems. More than 400 students from 52 countries call Carnegie Mellon Qatar home.

Graduates from CMU-Q are pursuing their careers in top organizations within Qatar and around the world, and many have started their own entrepreneurial ventures. With 13 graduating classes, the total number of alumni is nearly 1000.

To learn more, visit www.qatar.cmu.edu and follow us on:

Twitter: @CarnegieMellonQ
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Facebook: CarnegieMellonQ
YouTube: CarnegieMellonQatar
LinkedIn: Carnegie Mellon Qatar

Contacts:
Dean's Office: deans-office@qatar.cmu.edu
Research Office: cmuq-research@qatar.cmu.edu
Admission Office: ug-admission@qatar.cmu.edu
Media Inquiries: mpr@qatar.cmu.edu

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