VINUNIVERSITY

ANNUAL REPORT

Academic Year 2020-2021

"To reap a return in ten years, plant trees. To reap a return in 100, cultivate the people."
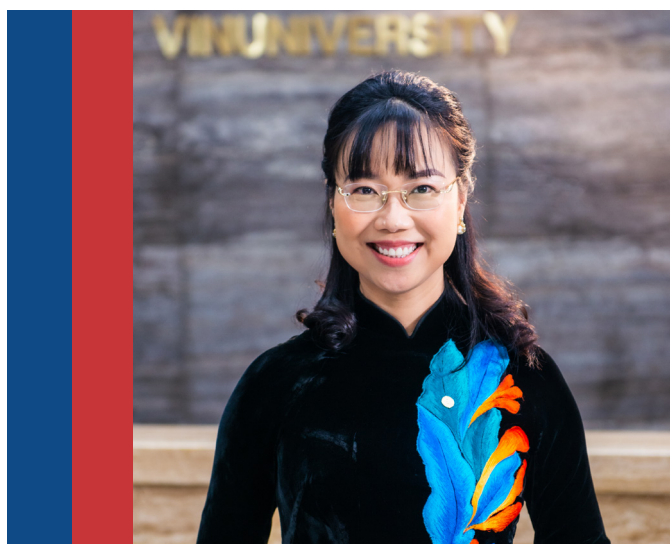
Ho Chi Minh

CONTENT

PRESIDENT'S MESSAGE

Dear Distinguished colleagues,
Dear students,

Firstly, I want to congratulate our colleagues and the Class of 20-24 for having the honor of becoming the first people to lay the foundation of VinUniversity - a special educational institution established with the ambition to "develop talents for the future".

With the message of Take-Off, right from the first academic year, we have achieved important advancements in recruiting talent, distinguishing our curriculum, leading a digital transformation and completing our Campus. With our relentless determination, we have gradually built a world-class brand, and successfully signed academic cooperation agreements with leading universities all over the world, as well as agreements with the most prestigious and dynamic organizations and businesses.

Excellence is the reason why we exist, is the ultimate goal that we should aim for throughout our development.

The message chosen for our second academic year is "Excel 2gether". Together, we will reach for excellence with 5 key directions:

1. In education, VinUni has to be an environment that educates real-world talents. We will not accept an education philosophy that limits students to the classroom, and will provide opportunities and require our students to experience the "real-world", step outside of textbook theory, and learn from hands-on reality.

2. In research, we aim to be interdisciplinary, promoting the power of science in serving humanity. Our students will need to be innovative, have a holistic understanding of industry and technology, and participate in practical, interdisciplinary projects. This academic year, we will begin to build the foundation for smart healthcare and smart tourism.

3. In international cooperation, we must continue to sign and successfully implement our accelerated dual degree Bachelor's - Master's and Master's - Doctorate programs with leading international universities for each area of specialization

4. Regarding society and the community, we hope to have more specific contributions this academic year through our students' 'service learning' projects, as well as other activities led by our Deans.

5. Regarding internal administration, we will strive to change our approach to different problems, transform our thinking, continuously learn in order to complete a more simplified, transparent, and effective system, and aim towards excellence.

The road to excellence is a challenging yet illustrious journey.

I wish all our colleagues and students abundant health and success in this new academic year. Together, we will reach for excellence!

Le Mai Lan, PhD
President, VinUniversity

PROVOST'S
MESSAGE

Dear VinUni Colleagues, Students, Friends and Well-Wishers ,

We started this academic year with an audacious dream – that we will create a world-class university, right here in Hanoi which will be a magnet for the most talented students and faculty from Vietnam and around the world.

Let's go back in time to July 1st 2020 when we had started our first academic year. While we had just moved to our new campus, the world was going through the early stages of COVID pandemic. There were considerable challenges and many wondered if we will be able to continue with our plans to start the university. However, despite difficulties we continued with the admissions process; with the recruitment of faculty and staff; and with all the necessary administrative and legal work to launch the university. But the launch of VinUniversity was still a dream on July 1st.

This dream became a reality in early October 2020 when our 1st batch of students walked in to the campus.

After that ... everything changed forever:
- Our campus became alive, younger, and definitely more fun and exciting!
- Throughout the year we held many memorable and "first-time-ever" activities.
- We signed several partnership agreements with universities around the world and with leading corporations for student exchanges, internships, and research collaborations.

- We offered over 50 courses during Fall 2020 and Spring 2021.
- Our students participated in several external competitions and achieved remarkable successes.
- Our faculty members published over 50 papers in high-quality international journals and received several research grants.And more ...

I am so proud of our achievements and would like to end my statement by saying that these are our collective achievements. Today VinUni is a vibrant community of students; faculty and staff from many countries around the world; parents; our strategic collaborators Cornell and Penn; many other universities around the world including Yonsei and Seoul National in South Korea, University of Technology Sydney in Australia, Western University in Canada; and several corporate partners including Vinpearl, VinAI, VinMec, VinBrain, VinHMS, EY and others. As we conclude our first academic year successfully, I am thankful to all of you for working hard to make the dream of VinUni a reality. It was indeed an awesome "take-off" year.

I look forward to another successful year where we will build further on our achievements to reach the "sky and beyond".

Rohit Verma, PhD
Founding Provost, VinUniversity

ABOUT US

VinUniversity (VinUni) is an excellent, private, not-for-profit university established by Vingroup. VinUni aspires to develop talents for the future, to make a breakthrough in Vietnam higher education and to become a world-class university.

With the goal of becoming one of the top 50 young universities of the world, VinUni has built strategic partnership with two of the world top 20 Universities, namely Cornell University and the University of Pennsylvania.

Established on the highest standards of research, teaching, career development and international outlook, within the first year, VinUniversity was awarded Quacquarelli Symonds (QS) 5 stars rating for three aspects: Facilities, Academic Development and Inclusiveness. The institution also signs collaboration agreements to offer integrated dual-degree with universities leading in computer science, technology, business management and health sciences.

VinUniversity's inauguration ceremony was held on its campus located at Vinhomes Ocean Park, Gia Lam, Hanoi, with a total investment of VND 6,500 billions (approximately USD 285 millions) from Vingroup.

The institution comprises of Faculty of Arts and Sciences; College of Business and Management; College of Engineering and Computer Science; and College of Health Sciences. It currently offers 10 degree programs, namely:

- Bachelor of Business Administration; Bachelor of Science in Hospitality Management
- Bachelor of Science in Mechanical Engineering; Bachelor of Science in Electrical Engineering; Bachelor of Science in Computer Science
- Bachelor of Nursing; Medical Doctor Program; Internal Medicine Residency Program; General Surgery Residency Program; Pediatrics Residency Program

FOUNDING DONOR

VinUniversity was founded by Vingroup Joint Stock Company (Vingroup JSC) as a private, not-for-profit university for the purpose of fostering and developing talents for the future.

Vingroup, formerly known as Technocom Corporation, was founded in 1993 in Ukraine. In the early 2000s, Vingroup started in Vietnam with two key brands: Vincom and Vinpearl. In January 2012, Vinpearl JSC merged with Vincom JSC to form Vingroup Joint Stock Company.

Vingroup is one of the biggest private conglomerates in Asia with a market capitalization value of around US $16 billion. As a multisector corporation, Vingroup focuses on three main areas:
- Technology;
- Industrials;
- Property Services.

Vingroup continues to pioneer and lead consumer trends in each of its businesses, introducing Vietnamese consumers to a brand new, modern lifestyle with international-standard products and services. Vingroup has created a respected, well-recognized Vietnamese brand and is proud to be one of the nation's leading private enterprises.

VinUniversity is proud to be a part of the Vingroup ecosystem, giving our students opportunities to connect with several reputable research institutes (such as VinAI, VinBrain, and Vin BigData), pioneering industrial enterprises (such as VinFast), and leading Vietnamese companies (such as Vinpearl, Vincom Retail, Vinmec, and Vinhomes).
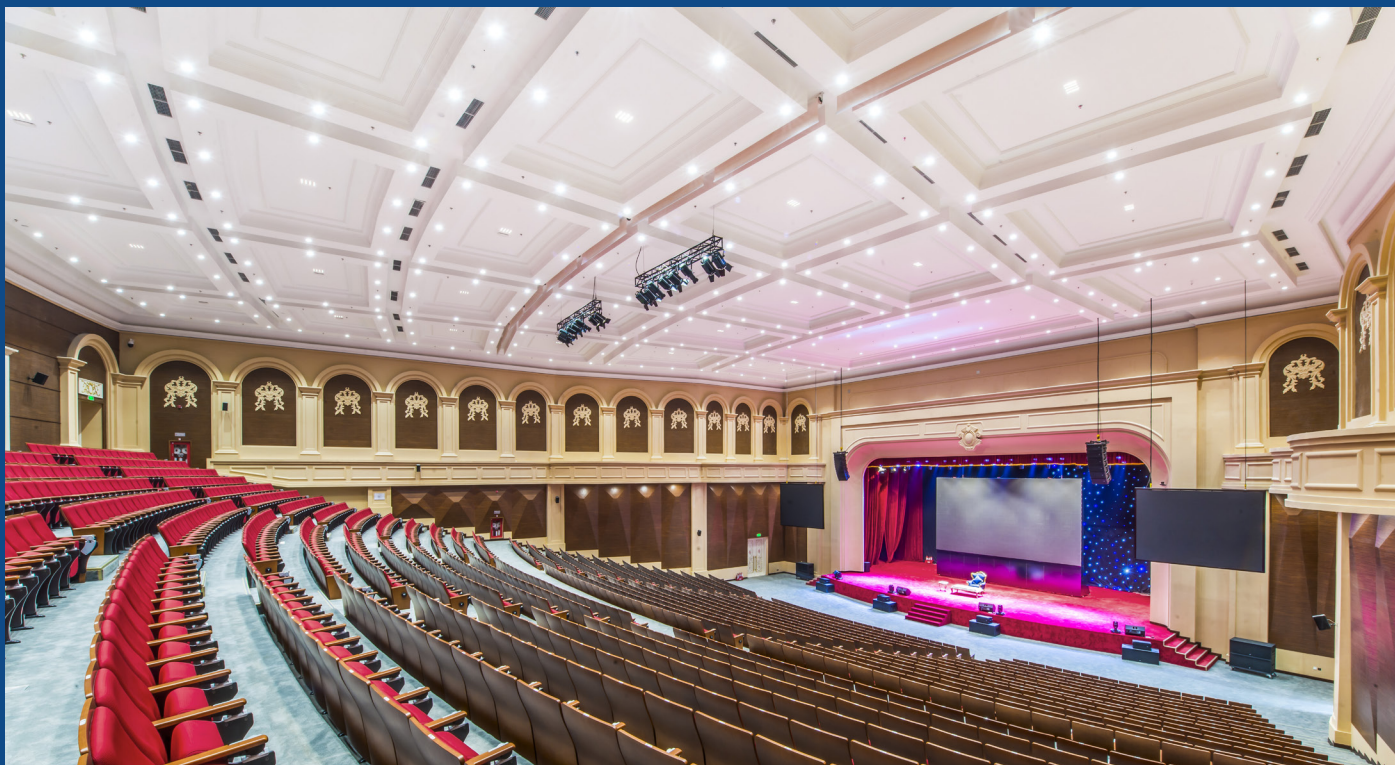
Distinguishing Factors at VinUniversity

#1: Community of Talent

VinUniversity is very proud of its community of talented individuals. All the students in the first cohort were among Vietnam's top 2.5%, with an average SAT score of 1,411, top 5% in the world. 1 in 5 students attained awards in national, international Olympiad and other prestigious competitions.

#2: Academic Programs of Excellence

The entire curriculum, from design to quality validation, is supported by Cornell University and University of Pennsylvania.

#3: Globally Distinguished Faculty

With the current student-to-faculty ratios at VinUniversity being 6:1, students have the chance to participate in research and write scientific publications for prestigious journals alongside their highly qualified "captains", who possess in-depth work and research experience at leading universities around the globe.

#4: World-class Standards

Every aspect of the University: its curricula, research, faculty, student body, facilities, and campus life, is being developed to meet the highest standards set by the world's leading accrediting and ranking organizations, such as ABET, AACSB, Quacquarelli Symonds (QS) and Times Higher Education (THE). VinUniversity was granted QS 5-star standard certificate in three key areas: Facilities, Academic Development and Inclusiveness, immediately preceding the First Convocation.

Excellence is the reason why we exist

Le Mai Lan
President, VinUniversity

#5: Impressive First Year Experience

OASIS program (Orientation, Advising, Study Skills, Intercultural Awareness and Self-exploration & Growth) is designed to transform a young high school student into a college student who is mature, proud, confident, independent, and capable of independent learning and self-control.

#6: Integrated Bachelor's - Master's program

VinUniversity has successfully reached cooperation agreements on the integrated Bachelor's - Master's program with leading global universities, giving students the opportunity to obtain Master's Degrees faster from:

- University of Pennsylvania, USA (ranked #13 globally, #1 in Nursing globally);
- Cornell University, USA (ranked #19 globally);
- University of California, San Diego, USA (ranked #33 globally);
- University of Illinois at Urbana-Champaign, USA (ranked #48 globally);
- University of Technology Sydney, Australia (ranked #11 among young universities globally).

- The Entrepreneur Lab helps develop students' start-up ideas, and to provides them the opportunities to interact with and learn from renowned experts and entrepreneurs.
- Industry Mentorship Program where students are paired with an advisor to learn from their experience and get to know the particular industry sector.
- Summer Internship enables students to challenge themselves at more than 10 companies in the fields of finance, hospitality, technology, industry, start-ups, and so on.

#8: Research for Humanity

In 2020, 54 scientific papers by VinUniversity faculty have been published in prestigious academic journals. VinUniversity Provost, Vice Provost, and Dean of College of Health Sciences have been honored in the top 2% of the world's most cited scholars, according to the latest publication of PLOS Biology Journal (USA) in 2020. VinUniversity also funds its faculty's research projects in the form of "seed funding" to solve contemporary issues, making positive impact on society.

#7: Bridging the Gaps between Academic and Industry

Besides equipping students with academic knowledge, VinUniversity has developed special learning and practical programs to prepare graduates for real-life challenges, with hands-on learning and real-world experience:

STRATEGIC COLLABORATIONS

VinGroup-Penn Collaboration

University of Pennsylvania (Penn) has entered a formal agreement with VinGroup, the Founding Benefactor of VinUniversity, to commit to excellence in clinical care and education, improve health care, and create new undergraduate and graduate medical training programs in Vietnam. Penn has provided tremendous support in establishing the College of Health Sciences at VinUniversity. Together, Penn Medicine and Penn Nursing are developing the undergraduate curriculum and aligning faculty and institutional support structures to establish high caliber educational and training programs.

Key Outcomes

- Develop and advance health curricula and training for the future with a focus on team skills, integrative thinking, and evidence-based practice
- Define and further culturally competent standards through quality assessment and certification/recertification
- Create opportunities for global training and experiences for both Penn and VinUniversity students
- Achieve shared and ongoing excellence with the prospect of breakthroughs
- Establish the Vinmec/VinUniversity/Penn model for shared values in education, quality health care, and service to humanity

"With the same desire for excellence in education, research and healthcare, Penn fully agrees with VinGroup that the results of these efforts will contribute to making fundamental changes in the quality of medical and nursing education, thus positively affecting the health of Vietnamese people in the short and long term."

Glen Gaulton, PhD
Vice President and Director of Penn Global Health Center

S

## Cornell-VinUniversity Collaboration

200
Faculty and Staff Involved

687,000
Miles Flown

Cornell University's primary role is to build VinUni's faculty and academic leadership teams; to validate and assure the quality of the curricula developed by VinUniversity faculty; and to guide VinUniversity on a path towards international accreditations. Cornell faculty members provide advice to lay the foundation to position VinUniversity as a world-class teaching and research university in accordance with QS 5-star rating standards.

Since the beginning, Cornell University has been involved in every aspect of VinUniversity's development including infrastructure, governance, faculty, admissions, and curriculum development. The Cornell-VinUniversity Project Team has provided support in founding VinUniversity with the participation of 200 faculty and staff, who have flown 687,000 miles on 40 trips to reach Vietnam. To strengthen their commitment, Cornell approved a multi-year leave for Professor Rohit Verma (Dean of External Relations, Cornell SC Johnson College of Business and Singapore Tourism Board Distinguished Professor), to assume the responsibility of Founding Provost of VinUniversity.

Following the strategic cooperation between the two universities, in August 2020, Cornell University and VinUniversity signed an agreement on the student exchange program. This program allows Cornell students to spend their time at VinUniversity as exchange students starting from the 2021 spring semester. An equal number of VinUniversity students have the opportunity to study at Cornell University for the same duration. Students participating in the program will have their academic qualifications and study periods abroad recognized by both universities. This will also set the path for VinUniversity to discuss new projects, including dual degrees in both universities, with Cornell as well as other prestigious international universities.
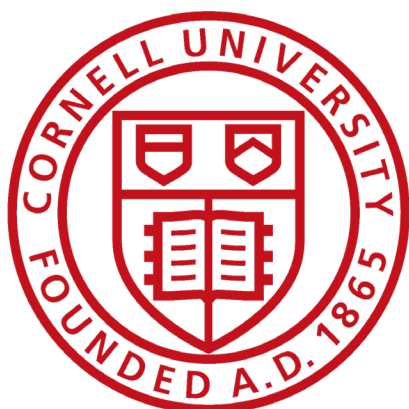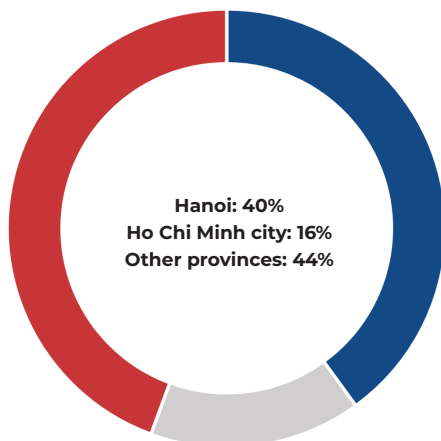
DIVERSITY
STATISTICS

Non-Discrimination Statement

VinUniversity considers students, faculty, employees, and applicants on the basis of individual merit. Our organization does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender identity, national or ethnic origin, age, status as an individual with a disability, protected veteran status, genetic information, or other protected classes under the law.
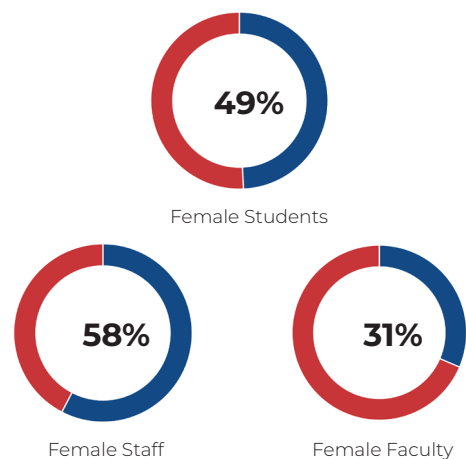
There are 12 nationalities presented at VinUniversity. We are welcoming more and more international students, faculty and staff in the coming academic year 2021-22

2020-21 Cohort Geographical Diversity

Hanoi: 40%
Ho Chi Minh city: 16%
Other provinces: 44%

Gender Diversity

49%
Female Students

58%
Female Staff

31%
Female Faculty

DEAN'S LIST

ACADEMIC YEAR 2020-2021

Fall 2020

College of Business & Management
Hoang Thi Hoai Thanh
Le Linh Dan
Duong Bao Tien
Hoang Khanh Linh
Nguyen Khanh Nghi
Nguyen Mai Phuong
Nguyen Van Chien
Le Van Ha
Giap Vu Nam Duong
Le Minh
Nguyen Khanh Linh
Nguyen Le Thanh Hoang
Tran Diem Quynh

College of Engineering & Computer Science
Tran Huong Lan
Nguyen Quang Truong
Nguyen Vu Thu Hien
Bui Duc Khanh An
Vo Minh Quan
Tran Gia Khanh
Le Dinh Nam
Nguyen Dai Nghia
Le Hoang Vinh
Nguyen Thai Hung
Ngo An Ha Trang
Le Viet Hoang
Lai Dac Tien
Khau Lien Kiet
Pham Van Long
Vuong Do Tuan Thanh
Huynh Vu Khoi Nguyen
Mai Quang Tuan
Nguyen Thi Phuong Nga
Vu Hong Phuc
Cao Gia Bao
Le Nu Uyen Phuong
Do Bui Khanh Linh

Pham Phuoc Minh Quang
Nguyen Thanh Thao

College of Health Sciences
Le Phan Khanh Huy
Phan Hong Anh
Tran Ngoc Tran
Dao Thu Quynh
Luu Bao Linh
Ly Boi Dung
Nguyen Thi My Hao
Pham Anh Thao Nhi
Pham Thi Ngoc Thu
Yamada Homi
Duong Trung Kien
Nguyen Anh Khoi
Nguyen Huynh Khanh Vy
Nguyen Huong Giang
Tran Nu Hoang Ngoc
Truong Le Hoang Huy
Le Quoc Khanh
Nguyen Anh Thu

Spring 2021

College of Business & Management
Hoang Thi Hoai Thanh
Phan Hai Dang
Duong Bao Tien
Nguyen Khanh Nghi
Nguyen Le Khanh
Nguyen Mai Phuong
Nguyen Thi Van Anh
Huynh Hai Ngan
Lam Nguyen Thanh Thao
Le Van Ha
Phung Trong Nghia
Hoang Phuong Thao
Nguyen Thi Thanh Hang
Tran Hoang Bao Nhi
Giap Vu Nam Duong
Ha Phuong Thao
Nguyen Le Thanh Hoang
Nguyen Quynh Anh
Pham Hanh Ngan
Pham Thu Hien
Tran Diem Quynh
Truong Tuyet Hoa

College of Engineering & Computer Science
Tran Huong Lan
Nguyen Quang Truong
Nguyen Vu Thu Hien
Bui Duc Khanh An
Vo Minh Quan
Tran Gia Khanh
Nguyen Dai Nghia
Nguyen Thai Hung
Ngo An Ha Trang
Vu Truong Giang
Nguyen Quy Duc
Phan Huy An

College of Health Sciences
Le Phan Khanh Huy
Nguyen Le Quynh Giang
Phan Hong Anh
Tran Ngoc Tran
Luu Bao Linh
Ly Boi Dung
Nguyen Thi My Hao
Pham Anh Thao Nhi
Yamada Homi
Nguyen Chau Thanh
Nguyen Do Thu Phuong
Duong Trung Kien
Tran Nu Hoang Ngoc
Le Quoc Khanh
Truong Quang Anh Khoa

DEAN

PRESIDENT'S LIST

ACADEMIC YEAR 2020-2021

Hoang Thi Hoai Thanh
BBA, CBM
- Dean's List in 2 semesters
- Lead of Art and Media, VinMagazine'
- Leader, Young Change Makers Project
- Director of Community Engagement, UpYouth

Bui Duc Khanh An
BSCS, CECS
- Dean's List in 2 semesters
- First Prize recipient , CECS Day Competition
- Instructor, On-Set student club
- Instructor, Vinmaker Society

Le Linh Dan
BBA, CBM
- President, VinUni Business Insiders & Contributor to Vietnam Business Case Competition (VBCC)
- Seed Funding recipient & selected candidate for VinUni Incubation Program

Vo Minh Quan
BSME, CECS
- Dean's List in 2 semesters
- Member, VinMarker Society
- Member, Vin-A-House Dance Crew

Nguyen Quang Truong
BSEE, CECS
- Dean's List in 2 semesters
- Research Assistant & Student Tutor, Physics 1
- Founder, Event Club
- Online Promotion Manager, Australia ASEAN Tourism and Hospitality Forum

Tran Nu Hoang Ngoc
MD, CHS
- Dean's List in 2 semesters
- First Prize winner , Mentoring and Seeding Fund of FemaLead Vietnam Young Women Leadership Seed Funding Program
- Founder, The Alter Ego project
- Core Member, PRISM Community

Nguyen Thi My Hao
MD, CHS
- Dean's List in 2 semesters
- Founder and President, VinUni Research Club
- Project manager, Project "Wild Warriors 2020" funded by Global Conservation Force Organization
- Human Rights activist

Duong Bao Tien
BBA, CBM
- Dean's List in 2 semesters
- Second Prize winner, Vietnam Business Case Competition (VBCC)
- Marketing Lead, VinMagazine
- Project Lead, VinUni Business Insiders
- Marketing Campaign Manager, UpYouth

Giap Vu Nam Duong
BBA, CBM
- Dean's List in 2 semesters
- Third Prize winner – The World Asian Business Case Competition (WACC)
- Top 30 winner in Vietnam, Mondelez International Leading Edge Business Challenge.
- Finalist, VinUni Hackathon 2021
- Editor-in-Chief & President, VinMagazine
- Content Creator & Instructor, Young Change Makers project

Luu Bao Linh
MD, CHS
- Dean's List in 2 semesters
- President, VinDebate Community
- Core Member, Vin–A–House Dance Club
- Finalist, VinUni Hackathon 2021

Tran Huong Lan
BSCS, CECS
- Dean's List in 2 semesters
- Third Prize winner, Northern and Central Provincial Programming Contest, 2020 ICPC Vietnam
- First Prize winner, SmartChoice Mini Hackathon. VinBrain Member, VinMaker

Ly Boi Dung
MD, CHS
- Dean's List in 2 semesters
- Head of Content and Media, PRISM Community
- Volunteer, Khan Academy Vietnam Project
- Vocalist, VinUni Harmony club

At VinUni, I received mentorship from some of the sharpest minds in Vietnam. I believe this experience would be enlightening and invaluable for any youths during their journey into adulthood.

Hoang Thi Hoai Thanh
BBA, CBM, VinUniversity

KEY MILESTONES

January 2020
VinUniversity Campus Opening Ceremony

February 2020
The Minister of Education and Training of Vietnam granted the operating license officially allowing VinUniversity to offer academic programs.

July 2020
The Vietnam's Ministry of Health approved for VinUni to offer the **Graduate Medical Education (GME) Programs.**

September 2020
VinUniversity reached **agreements with Cornell University, University of Technology Sydney and Yonsei School of Business** on the exchanges of students offering opportunities for VinUni students to go for exchange at these universities.

VinUni initiated the **Study Away program** via that VinUni has hosted 30 students from Cornell University and the University of Technology Sydney (UTS) who were not able to travel to their home universities due to the pandemic.

October 2020
Inaugural Orientation Week and **Convocation for Academic Year 2020-2021.**

Just before the Convocation, VinUni was honored to receive the **5-star rating by Quacquarelli Symonds (QS)** on Academic Development, Facilities, and Inclusiveness on October 9th 2020.

December 2020
VinUniversity reached agreements with reputable academic and corporate and partners in Vietnam as well as in the world in faculty exchange, internship, employment, and joint research: the University of California, San Diego, University of Illinois at Urbana Champaign, POSTECH, Ernst & Young Vietnam, 108 Military Central Hospital, Vietnam National Children's Hospital, and so on.

In the AY 2020-2021, VinUniversity continued to reach agreements with other leading universities such as Yonsei University, Seoul National University, Technion-Israel Institute of Technology, the Swiss Federal Institute of Technology in Lausanne, Western University, University of Technology Sydney. VinUniversity has also signed cooperation agreement with Vingroup subsidiaries, namely Vinpearl, VinHMS, One Mount Group, VinBrain, Vinmec, VinBigdata, VinAI.

February 2021
VinUni granted funding to 16 Seed-Funding projects in AY 2020-2021. Among these 16 projects, at least 13 projects involved international collaboration

May 2021
VinUni's College of Business and Management established the Industry Advisory Board (IAB). The first 8 members of the IAB are all high-level leaders at leading corporations, including Chairwoman; Chief Executive Officer; Managing Director;... The College of Business and Management has offered many programs to give students the most comprehensive experience of the real professional work environment. These include Industry Speaker Series, Industry Mentorship Program, 5 in 5 Internship, Summer Internship, etc

July 2021
VinUniversity Global Case Competition (VGCC) 2021 was officially launched. This is an annual competition organized by VinUniversity with support from Cornell University, in order to provide a platform for students to work on real-life problems.

Prior to VGCC 2021, VinUni has successfully held the Vietnamese Business Case Competition (VBCC 2021). VBCC has received applications from 300 teams of 120 different schools.

August 2021
VinUniversity successfully reached cooperation agreements on the **integrated Bachelor's - Master's program** with University of Pennsylvania, Cornell University, University of California, San Diego, University of Illinois at Urbana-Champaign, University of Technology Sydney, Australia.

ADMISSIONS

" The Admission Team is always looking for outstanding students who possess the potential to become future leaders, changemakers, experts, and innovators. The admission process of VinUniversity is multi-faceted and holistic. We admit students who not only achieve excellent academic results and think outside of the box but also have the strong desire to solve real-world problems and make a positive impact on society"

Nguyen Hoai Anh
Head of Student Admissions - Marketing - Communications

We do not only look at the students' academic achievements, extracurricular activities, but also conduct interview to have a better understanding of their aspirations, interpersonal skills, hobbies. At the same time, the candidates also have the opportunity to interact face-to-face with our professors and faculty.

VinUniversity has designed a unique admission process to select talented students with four AACC criteria: Outstanding Ability; Aspiration; Commitment; Creativity.

35%
Students with Financial Aid

53%
Students with Scholarships

209
Undergraduate Students

19
Graduate Students

Our Students' Profile

1 in 5	5%	2,5%	7+	1410+
National/ International Olympics & other competitions	**Top IELTS & SAT scores worldwide**	**Most academically outstanding students in the country**	**Average IELTS scores**	**Average SAT scores**

"I feel blessed to be surrounded by wonderful and talented people at VinUniversity. I would not have been able to join VinUniversity if I did not receive such a generous scholarship. Last year was challenging not only because it was the first undergraduate year for me, but also because of the COVID-19 outbreaks that affected our learning experience. Through the constant help and support from faculty members, I have learnt to adapt quickly and be flexible and confident in facing uncertainties. I do not lie when I say the last year was truly memorable for me, and I look forward to many more years to come."

Nguyen Quang Truong
100% scholarship recipient, CECS Class of 2024

"If I have a chance to change one thing in my first year at VinUniversity, what would I change? The answer is: Nothing, absolutely nothing. I enjoyed every single moment at VinUniversity and am thankful for the scholarship I have received. It gave me an opportunity to grow and to become a better version of myself. My beloved professors and classmates have offered tremendous support to me, and I could not be any happier."

Nguyen Thi Van Anh
100% scholarship recipient, CBM, Class of 2024

COLLEGE OF BUSINESS & MANAGEMENT

Dean's Message

Greetings!

What a phenomenal year this first academic year for the College of Business and Management it was! We took off the year with 78 outstanding students who exceeded our expectations in every regard. I am thankful to them and their parents for their trust in us and working together to finish our first year very strong with so many meaningful achievements. I am also very thankful to all faculty members and staff for taking up all the challenges as founding members and turning them into great accomplishments and privileges. I cannot thank them enough for their immense commitment and dedication. Most of all, I am thankful to the founders of VinUni for allowing us this once-in-a-

lifetime opportunity to be part of this incredible initiative to build a university of excellence to develop future talents for Vietnam and the world.

As we prepare for the second academic year, we are determined to build further on the strong ground we established during the first year. We are truly looking forward to the new energy and synergy that the next batch of students, faculty members and staff will bring to the college towards the college's mission of developing future business leaders and entrepreneurs.

Sunmee Choi, PhD
Founding Dean, College of Business & Management

Undergraduate Programs

In the Academic year 2020-21, we offered a total of 7 academic courses, 1 of which was university wide. The highlight course was Agile Innovation, a brand-new mandatory course for all students that is taught only at a few prestigious universities. Tasked to paint their life's turning point, students were challenged to transform their thinking process to become more intuitive and innovative.

Courses taught:
- Introduction to Business Statistics
- Introductory Microeconomics
- Agile Innovation
- Operations Management
- Service Operations Management
- Internship Orientation
- Computational Algorithmic Thinking

Bachelor of Business Administration (BBA)
This program aims to groom undergraduate students into competent business leaders who can advance Vietnam's economy to a respectable position on the world business map.

56	53	42
Students	**with 5in5 Internships**	**with Summer Internships**

Bachelor of Science of Hospitality Management (BSHM)
With the curriculum validated by Cornell University, this program aims to provide students with all the necessary skills and knowledge for future leaders in the hospitality field. We are also focusing on developing the hospitality spirit and instilling empathy and a supportive attitude in our students.

19	19
Students	**with Hospitality-Related Internships**

In the academic year 2020-21, CBM has organized various events to help students familiarized with the hospitality industry. Events included:
- 3 "Experiencing Hospitality" workshops
- 4 meetings with top hotel management companies, namely Sofitel Legend Metropole Hanoi, Vinpearl, Intercontinental Hanoi, and Flamingo Dai Lai

Students got GPA 3.20 and above **53%**

International Academic Partnerships
This year, we successfully signed agreements on academic partnerships with 2 South Korean universities, namely **Yonsei University** and **Seoul National University**.

Dean Choi's Grant
We are aiming to deliver world class education to all students of various financial backgrounds. With the support from **Soosan Group**, a South Korean company, a generous grant in honor of Dean Sunmee Choi will be given to up to 5 students per academic year. Each selected student will receive an amount of $USD 3,500 each year for up to 8 semesters.

"The highlight of the academic year for me was definitely the Industry Mentorship Program. I got the opportunity to learn about my mentors' approach to problem solving and their journey to achieve their dreams"

Pham Thu Hien,
CBM student

Student Industry Engagement Program – Commitment to Career Development

Industry Mentorship Program
CBM is committed to expanding students' exposure to professional networks and giving them opportunities to learn directly from experts. This program gives students access to one-to-one meetings with industry mentors at least once every semester. All of our mentors work in Vietnam's top companies, such as VinHMS, FPT Software, Indochina Research, and One Arrow Consulting.

17
Mentors

58
Mentees

Industry Speaker Series
This series of events brings leaders and experts from various fields to VinUniversity and allows them to share their own experience and professional development journey with students. We welcomed 3 notable speakers in the academic year 2020-21:
William Haandrikman – General Manager of Sofitel Legend Metropole Hanoi, and Area General Manager of AccorHotels in North Vietnam *Nguyen Ky Thanh* – Group Chief Marketing Officer, One Mount Group
Kang Moon Kyung – CEO, Mirae Asset Securities Vietnam

5in5 Internship Program
This uniquely designed program offers students a chance to work at VinUniversity's partner companies for a minimum of 40 hours over 5 weeks (5 days in 5 weeks). From the very first day, students are assigned into teams in order to work on a specific case study. Constant rotation between different departments during these 5 weeks aims to provide students with multi-disciplinary and multi-perspective understanding and assessment of the company. 3 partner companies this academic year 2020-21 were Vinpearl, VinHMS, and EY.

Summer Internship Program
At CBM, we allow students to apply their talents and skills right from the first year of study. As such, this year we have collaborated with EY, Vinpearl, VinHMS, One Mount, SK Vietnam, and Mirae Asset Securities Vietnam, and brought a number of summer intership opportunities to students.

Start-Up Internship Program
Unlike in traditional summer internships, each participating student is assigned an industry supervisor and a faculty member for the whole 8-week duration of the internship. In teams of 3-4, students are expected to solve real problems faced by the partner companies. We are privileged to work with Do Ventures and Nextrans to deliver this program.

Industry Advisory Board (IAB)
IAB was established with 8 founding members from One Mount, Accor Group, Golden Gate Group, Got It, Boston Consulting Group (BCG), Talentnet, Deloitte, and Falcon Associates. This board will serve as the linking bridge between CBM's strategic objectives and industry interests.

Student Achievements
- World Asia Case Competition (WACC) - Top 3
  Giap Vu Nam Dương, Nguyen Khanh Linh, Hoang Khanh Linh, Thai Thi Phuong Nga, Nguyen Phuong Hoa, Phan Hai Dang
- Vietnam Business Case Competition (VBCC) - Top 10
  Hoang Khanh Linh
- Vietnam Business Case Competition (VBCC) -Second prize (no first prize)
  Giap Bui Viet Anh, Huynh Hai Ngan, Duong Bao Tien, Do Quynh Trang
- RMIT Fintech Blockchain Competition - Top 6
  Nguyen Mai Phuong

CBM

College of Business & Management (cont.)

Research Highlights

Research on How AI Application contributes to Hotel Innovation and Transformation – by Dr. Le Thi Phuong Dung, Assistant Professor

Dr. Le Thi Phuong Dung (Jenny), together with a first-year HM student, conducted research on the influence of socio-cultural differences on consumer decisions through an intensive analysis of generational gaps and educational and cultural values in Vietnam and Australia. Innovative technologies such as eye-tracking and skin conduction were utilized for data gathering.

Other Ongoing Research:

- Youngone's Sustainable Growth: from Manufacturing to Retailing through Business Diversification – by **Dr. Jenny Kyunghwa Chung**
- Will wellness experiences be the way forward for the hotel sector in the post pandemic world? – by **Dr. Le Thi Phuong Dung**
- Improvements to the model to convert user generated content (UGC) to structured data in hotel service quality using sentimental analysis – by **Dr. Tran Phuong Lan**
- Towards a Green Recovery: Air quality and Economic Productivity under COVID-19 – by **Professor Rohit Verma**
- Global Trends in Hospitality - by **Dr. Sunmee Choi**

Grants & Awards

- **Professor Vu Anh Dzung** received seed funding of $USD 70,000 to conduct research on Vietnamese manufacturing competitiveness.
- **Dr. Le Thi Phuong Dung** received seed funding of $USD 49,723 to conduct research on wellness quality of Vinpearl.
- **Dr. Jenny Kyunghwa Chung** received seed funding of $USD 50,000 to conduct research on evolving digital consumer behavior and social customer relationship marketing.
- **Dr. Tran Phuong Lan** received seed funding to conduct research on converting user generated content (UGC) into structured stats in hotel service quality using sentiment analysis.

Facilities

Coming Soon – F&B Lab

Coming in the next Academic Year 2021-22, this lab will be the flagship experiential learning lab in hospitality management programs in the region. F&B's purpose is to uphold the most current pedagogy for future hospitality managers and leaders, as well as to support continuing education for current hospitality professionals, where student creativity and exploration are encouraged. This is also a place where new technologies in food preparation and production, restaurant management, and other relevant fields will be tested, and where consumer behavior and related research will be conducted.

"This research has helped me to think critically to come up with logical and accurate analyses and conclusions while working with a large pool of data."

Bui Thuy Duong,
CBM student, Research Assistant

5
Published Papers

3
Book Chapters

1
Published Book

COLLEGE OF ENGINEERING & COMPUTER SCIENCE

Dean's Message

Yet once again the Darwin Theory verifies how human beings can adapt to the environment they live in. At VinUniversity, and at CECS in particular, we have adapted to the extreme constraints imposed by the COVID-19 pandemic by switching back and forth between online and offline modes of learning and working in the past year. And we have performed as if nothing has touched us! Congratulations to everyone for many ground-breaking achievements during this year - the very first academic year of VinUniversity. As faculty, staff, and students of the College of Engineering and Computer Science, you should be proud of such accomplishments. It has been a challenging journey for us all, but we have made it. Bravo to all!

With the spread of COVID-19, humanity's challenges now span physical, cultural, and political boundaries, and thus the role of engineers and computer scientists has become more important and necessary than ever. As technology experts, we hold the key to innovative

and sustainable solutions that embrace these new challenges. As students of CECS, we are the next generation of innovators and entrepreneurship leaders. The pandemic in which we are living can also be considered a living lab for us all, as it presents some of the most challenging problems in real life that the worldwide community and our peer students are striving to resolve. We integrate classroom engagement with real life and experiential learning as part of our innovative curriculum.

I look forward to seeing you again soon on our beautiful campus. Let's prepare to welcome the second cohort. Best wishes for your continued health and well-being. I love you all!

Duong Nguyen Vu, PhD
Honorary Dean, College of Engineering & Computer Science

Undergraduate Programs

CECS aims to nurture students into future leaders and pioneers in the fields of science and technology. Our teaching methods not only focus on technical skills and knowledge, but also encourage students to solve problems via critical thinking and thorough teamwork. In the first academic year, we taught fundamental engineering, programming, and statistics knowledge to all students. We also offered 6 Guest Lectures with representatives from Google, ARM MVidia, VinAI, VinBrain, VinBigdata, and Got It. Students received access to the most advanced technologies in their studies, including Internet of Things (IoT), Robotics, Renewable Energies, and Automatic Control, and learned how to apply these technologies into real products.

Courses taught
- Calculus I & II
- Introduction to Engineering and Computer Science
- Introduction to Programming
- Object-Oriented Programming, Algorithms and Data Structures
- Introduction to Machine Learning
- Physics I

39
Computer Science (CS) Students

17
Mechanical Engineering (ME) Students

18
Electrical Engineering (EE) Students

Student Achievements

Trinh Huu Gia Phuc, a first-year CS student, developed an automatic evaluating system for programming coursework. The system is based on the open-source Contest Management System (CMS) platform. Using this system, students can receive grades and comments for their work immediately after submission and do not need to wait a few days for professors to grade.

Vu Truong Giang, a first-year CS student, won the third prize in the 29th Vietnam Olympiad in Informatics for Undergraduates at Can Tho University. "Studying at VinUniversity gave me the valuable opportunity to discover myself. The workload is challenging, but there are always friends who will help you out when you need it".

Tran Huong Lan, Vu Truong Giang, Nguyen Thai Hung, and **Nguyen Dinh Cuong** won the 3rd prize in the 2020 International Collegiate Programming Contest (ICPC) Vietnam Northern & Central Provincial Contest.

Tran Tue Nhi won 1st prize in the KPMG's Global Creative Ideas Competition, Vietnam-Cambodia Region

Nguyen Minh Tuan and **Tran Tuan Viet,** two first-year CS students, developed the Financial Calculator app to calculate the total estimated costs for an academic year at VinUniversity.

Mai Quang Tuan and **Pham Quang Bach** were selected into the final round of RMIT's Fintech Blockchain contest.

VinMaker Club organized the STEAM festival for more than 8,000 students at the Vietnam International Innovation Expo 2021 organized by the Ministry of Planning and Investment.

990
Lab/Recitation Hours

53%
Students got GPA 3.20 and above

College of Engineering & Computer Science (cont.)

Research Highlights

Research on Mobile Application Development for Diagnosing Cardiovascular Diseases – by Dr. Do Danh Cuong

Together with first-year student Phan Nhat Huy as his research assistant, Dr. Cuong has worked on developing a signal rhythm screening algorithm that can detect abnormalities in an electrocardiogram.

Huy shared: *"I had no experience creating standardization frameworks for experiments by myself, so I had a lot of pressure to get it right the first time. But above all, my independent studies and research have enabled me to absorb a larger pool of knowledge more effectively."*

Research on Optimized LED Lights Development for Electric Cars – by Dr. Le Van Quynh

Dr. Quynh's team is attempting to integrate new generation LED lights with metamaterial and quantum dot nanophotonic structure, allowing nanometer-precise customization of light attributes such as direction, optimized brightness contrast, and angular color shifting. The research is conducted under an on-going collaboration with the Institute of Materials Science, Vietnam National University, as well as international institutions such as Boston University (United States), École Centrale de Lyon, and University of Paris (France). 3 first-year students, namely Le Viet Hoang, Le Nu Uyen Phuong, and Tran Gia Khanh also assisted with this project.

"I was assigned to research computing algorithms to propose the most energy-efficient and high-performance nanophotonic structure. Other research assistants focused on device operations in the lab environment to test the structure. It was a truly enjoyable experience," Le Nu Uyen Phuong revealed.

Research on Privacy-Preserving Data for Autonomous Vehicles – by Professor Kok-seng Wong

Dr. Kok-Seng Wong, together with 5 CECS students, Vu Hong Phuc, Vu Truong Giang, Nguyen Thai Hung, Tran Huong Lan, and Nguyen Minh Tuan, is working on data anonymization and cryptography via basic encryption schemes such as Paillier or El Gamal, in order to protect autonomous vehicle owners' personal information.

Other Ongoing Research:

- In-situ monitoring of directed energy deposition additive manufacturing (3D printing) system using optical and infrared imaging – by **Dr. Do Tho Truong**
- Data Science in Engineering – by **Dr. Tran Thi Mai**
- Wearable biosensors – by **Dr. Tran Thi Mai**
- Building virtual classroom and virtual interaction models via VR – by **Professor Pham Ngoc Nam**
- ECGs classification for cardiovascular diseases diagnostics on mobile devices – by **Drs. Do Danh Cuong, Nguyen Viet Tu, Tran Thi Mai**
- MaxEnt and minimal biased inferences – by **Dr. Thomas Oikonomou**
- Medication Monitoring App – by **Professor Do Ngoc Minh**
- Applying Machine Learning to mitigate RF impairments in wireless communications systems – **Dr. Nguyen Viet Tu**

Grants & Awards

$USD 686,359

Total Grants Received

Events

CECS Day

As part of the "Introduction to Engineering and Computer Science" course, student presented their final projects on CECS Day in March 2021. This Techfest featured a showcase of engineering and business solutions that support telemedicine development and a mini robot competition. The first prize winning teams presented an app that queries and interprets medical data for rare diseases.

5 Submitted Projects	**10** Funded Projects
16 Papers Published	**15** Conference Papers

COLLEGE OF
HEALTH SCIENCES

Dean's Message

Welcome to the College of Health Sciences.

It is a true privilege to represent the dedicated faculty and staff that serve with passion, commitment and distinction, as well as our students and residents, and to present the achievements of our first year of operation. This first year has been a year focused on bonding.

Staff and faculty bonded together in teaching, mentoring and serving our first cohort of students. Students and residents bonded together, both within and outside the College, as they shared the first experience of living in our beautiful and brand-new campus. The bonding of the students materialized through the days through both curricular (FAS courses) and extracurricular activities.

As part of our bonding experience and to celebrate the beginning of a new career focused on caring,

compassion and knowledge, we celebrated our first ever white coat ceremony together with friends and family who joined our students in this landmark day of their academic life.

The importance of caring and compassion and a humanistic perspective on health care professions were stressed through courses on professionalism, communication, and empathy.

As we move towards the next academic year, we are all very excited about welcoming the second cohort of students and residents and to continue to work with our returning students toward the goal of forming Vietnam's future health care leaders.

Maurizio Trevisan, MD
Founding Dean, College of Health Sciences

College of Health Science (cont.)

Undergraduate Programs

Bachelor of Nursing (BN) program
Extensive student experience is the top highlight of the nursing program
- Student survey shows all nursing professional courses were rated at nearly maximum scores (5/5) for both faculty and course content criteria.
- The teaching and learning activities were enriched by active learning strategies and state-of-the-art technologies such as Pirogov Interactive Anatomy table and Simulation center.

Professional exposure:
- During the first semester, students went to Vinmec hospital for an early immersion in the clinical environment.
- In order to help students to think like a nurse and act like a nurse, besides class activities, students were provided with the opportunity to connect with six top Vietnamese nurses, working domestically and internationally, via open dialogs.

Research activities:
- Nursing faculty published 6 research articles. One book was completed and is in the process of being published. All four faculty members are active reviewers for international and national nursing journals.
- They also received one seed grant from VinUni and one other research grant from ChildFund-Australia.
- 60% of our students are engaged in research activities and are assisting faculty on their research projects through the Work-Study Program.

The program has a strong focus on clinical practice. With jobs guaranteed at Vinmec for students right after graduation, VinUni's Nursing program stands out among others.

Read more about our BN program: https://vinuni.edu.vn/college-of-health-sciences/bachelor-of-nursing/

Medical Doctor (MD) Program
The six-year MD Program is designed to develop future leaders in healthcare for local and global needs in collaboration with University of Pennsylvania. The program aims to graduate doctors who are good Clinicians with sound knowledge, Professionals who put patients first, and Researchers who constantly look for best evidence in Medicine. This is what we call CPR – an acronym that every health professional knows

Academic Highlights
- Year One started with basic science subjects to provide foundational knowledge. The students are expected to act as professionals from year one, and therefore professionalism as a theme is introduced early on along with research. An orientation about the research process started with phrasing the research questions and literature review. A symposium at the end of semester one allowed 49 enrolled students to present their findings. The process continued with a mock ethics committee to understand the ethical aspects of research and professionalism.
- In the second semester, students were required to use their imagination to demonstrate professional attributes. Due to the COVID-19 pandemic, the face-to-face exhibition was replaced with an online digital event on LinkedIn© to show case students' work.
- To keep in line with contemporary trends, students have started creating their own e-portfolios from week one with digital stories, and documenting transitions from one phase to another with learning plans. This is a first of its kind practice in Viet Nam. Regular panel discussions with patients, care givers, and experts from various clinical/non-clinical fields provided students with additional insights into the profession.
- Students are represented on every committee established for the governance of the MD Program. In addition, all female students are also offered a membership to the Medical Women International Association.
- As we move to the second year, the teaching will focus on pre-clinical sciences and early clinical experiences within simulated environments and the introduction of the Longitudinal Mentoring Program.

Read more about our MD program: https://vinuni.edu.vn/college-of-health-sciences/medical-doctor-program/md-program

Achievement Highlights

VinUniversity Medical Simulation Center (VMSC)
VinUniversity is the first and only higher education institution in Vietnam that uses the Simboost system, which is designed to provide video-based debriefing, manage training schedules/resources, and support post-training evaluation. For the Academic Year 2020-2021, VMSC has successfully provided simulation courses and issued 845 certificates to learners, including 306 AHA certificates to students and staff, 404 to Vinmec professionals, and 135 to other external learners. Other highlights include:

- Two-day **Communication Skills TOT** for 9 CHS faculty and staff in October and November 2020.
- Renewed licenses for 13 **Basic Life Support (BLS)** instructors (valid until October 2022) and 8 **Pediatric Advanced Life Support (PALS)** instructors (valid until June 2023).
- The **International Training Center (ITC)** agreement with American Heart Society (AHA) was successfully renewed for another 3 years (valid until May 2024).
- Completed the setup and deployed successfully the Medical Gas, Audio Visual, and Simboost simulation management system in training sessions.

Read more about VinUniversity Simulation center here: https://vinuni.edu.vn/sim/

Student Highlight

Graduated from Hue University of Medicine and Pharmacy, Dr Luong Mong Vu Anh scored among top 1% IFOM test takers worldwide in the last 5 years. He joined VinUni/Vinmec Surgery Residency program with high hopes of becoming a leading surgeon in the near future.

College of Health Science (cont.)

4 **General Surgery Residents**

5 **Pediatrics Residents**

10 **Internal Medicine**
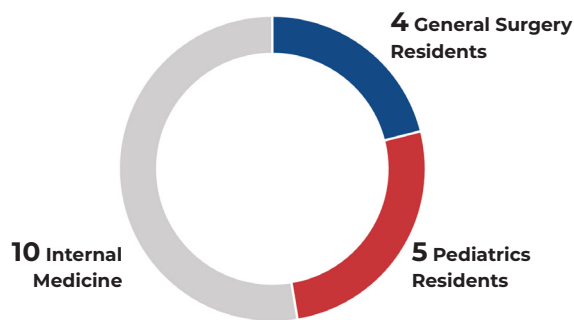
Graduate Medical Education (GME) Program

3 Residency programs offered for the first time in Vietnam by a newly established private higher education institution in affiliation with a not-for-profit private healthcare system

Academic Highlights:
- VinUniversity Graduate Medical Education (GME) program had a ground-breaking academic year 2020-2021. The inaugural GME recruitment cycle included the administration of the International Foundations of Medicine (IFOM) exam to all 3 residency programs — the first internationally-benchmarked exam to be translated, validated, and administered in Vietnamese. The successful organization of IFOM — which is developed by the US National Board of Medical Examiners (NBME), the same founder of USMLE steps that certified medical students and residents in the U.S. — shows the commitment to world-class quality from VinUniversity to our talented students.
- The recruitment cycle concluded in early September with an outstanding cohort of residents hailing from all over Vietnam, including ten residents in Internal Medicine, five residents in Pediatrics, and four residents in General Surgery.
- In the first semester, the residents completed the Penn-developed Core Clinical Skills course. This novel, concentrated resident preparation curriculum includes lectures, workshops, simulation activities, and a longitudinal preceptorship at Vinmec Times City International Hospital. At the conclusion of this course, the residents completed the first Objectiqve Structured Clinical Examination (OSCE) administered at the VinUniversity Simulation Center.

Professional Exposure:
In March, the residents began full-time clinical rotations at Vinmec Times City International Hospital. They continued their rapid development through daily involvement in patient care under the supervision of the affiliate clinical faculty and the GME program directors and associate program directors.

Clinical faculty development has progressed significantly, with the GME team delivering additional sessions of the Master Clinical Educator Academy (MCEA) Part 1 curriculum, which will be followed by the newly developed curriculum of MCEA Part 2. Agreements have been made with key partner public hospitals, National Children's Hospital and Military Hospital 108. Implementation plans will be finalized in the summer of 2021.

Read more about our GME: https://vinuni.edu.vn/post-graduate/

EALTH

Research Highlights

Research on Immune System Measuring: a Study on Patients with Infections and Cancer – by Professor Huynh Dinh Chien

Together with a resident doctor, Nguyen Duy Nghia, and 2 first-year students, Vinh Bao Tuan and Luu Bao Linh, Professor Nguyen Dinh Chien is building an aggregated database as the foundation for effective measurement of patients' immune system towards early research-based diagnoses for septicemia patients as well as colorectal cancer patients.

Luu Bao Linh noted: *"I now realize that healthcare professions cannot rely solely on doctors' medical knowledge, but it also requires close collaboration between science and technology. I have gained valuable knowledge about Machine Learning/Deep Learning, which I have never imagined having the opportunity to learn about since I'm a medical student".*

Research on Postpartum Depression – by Dr. Nguyen Thi Hoa Uyen and Dr. Nguyen Thi Thanh Huong

Along with 2 first-year BN students, CHS faculty members are working on a project that will help women and their families overcome the challenges of postpartum depression and avoid negative health outcomes for both the mothers and the newborns.

Events

White Coat Ceremony

On the very same day of our Convocation, College of Health Sciences hosted its first White Coat Ceremony for all inaugural MD and BN students. The true meaning of healthcare professions and the future responsibilities that students carry forward for their patients and families were emphasized. All students, faculty members, and honorary guests took the Hippocratic Oath – Declaration of Geneva adaption following the long-standing tradition of medical students, before embarking on their official journey of becoming healthcare professionals. Vietnam's Deputy Minister of Health, Professor Tran Van Thuan, also joined the ceremony as the keynote speaker.

Conferences

Faculty members and students participated in various medical conferences in order to share ideas, innovative advances, and best teaching practices in medical education. The conferences CHS joined included:
The Fourth Annual National Conference in Medical Education (November 2020)

16
Papers Published by Full-Time Faculty

3
Seed Funding Projects

9
Papers Published by Affiliated Faculty

1
Research Grant From ChildFund Australia

FACULTY OF
ARTS & SCIENCES

Head's Message

This academic year was really incredible. We have seen so much growth in our students, and we are confident that our students will soon excel and become independent in many aspects of their life and studies. They learned not only the knowledge that they were required to learn, but also how to learn correctly, how to think critically and creatively, how to debate, how to live with other people, and even how to care for other people. The diversity that FAS offers, from the international professors and faculty to the introduction of multiple disciplines, courses, and pedagogical styles – all of this will help create long-lasting memories for our students. Hopefully one day, when they go to work, they will be well prepared and ready to tackle any world issue.

Vu Anh Dzung, PhD
Founding Head, Faculty of Arts and Sciences

Innovative learning approach: at FAS, we encourage constructive debate for learning instead of forcing students to memorize study materials word-by-word. Students are often put into groups to research historical data, build relationship diagrams between characters and historical events, and validate the legitimacy of information in order to work together and put forward their opinions.

As for courseworks, students are encouraged to produce documentaries, or short films, and write music, poems, or plays.

Faculty of Arts & Sciences (cont.)

Courses taught:
- Academic English 1 & 2
- Pathway English Advanced A & B
- Marxism-Leninism Philosophy (Philosophy Science and Society)
- History of the Communist Party (Vietnam: History and Culture I)
- Asian Philosophy
- Healthy Lifestyle 1

GenED Program
Developed with the aim to:
- Broaden horizons and intellectual curiosity
- Enhance sound values and life-long excellence

Study-Away Program
This is a short-term exchange opportunity offered exclusively for international students who experienced difficulties returning to their home countries and universities during the COVID-19 pandemic. Students from Cornell University, USA, and University of Technology Sydney, Australia (UTS) called VinUniversity home for a semester under the Program. In March 2021, VinUniversity continued to extend the warmest welcome to students from Cornell University, UTS University, and EHL University – Ecole Hôtelière de Lausanne, Switzerland to enroll in the spring semester. A total of 50 students were hosted by FAS this year.

FAS Open Lecture Series
We launched a well-attended Open Lecture Series with many experts and leaders in various fields including the Ambassador of Singapore to Vietnam, Dr. Le Dang Doanh - Former Director of the Central Institute for Economic Management, and Pianist Trang Trinh (Forbes under 30), as well as other arts and cultural series.

Lecture by the new Ambassador of Singapore to Vietnam — His Excellency Mr. Jaya Ratnam

Learning about Jazz with Saxophonist Le Duy Manh and faculty from Vietnam National Music Academy

Multicultural Navigation and State Building: LEEKUANYEW-ISM

Key Achievement

FAS taught every single VinUniversity student (1,500+ participants) through a large number of classes in the AY20-21, with approximately 23 Humanities, Arts & Social Sciences classes; 19 Academic English classes; 5 Pathway English classes; 3 elective courses; over 25 Healthy Lifestyle classes, and a number of sessions on OASIS. A special course called Vietnam Discovery was custom-designed for Study Away students from our partner Universities, totaling 3,500 teaching hours (including in-class, tutorials, office hours), which is equivalent to 8,000-9,000 hours of preparation, feedback, and student consultations. We also successfully delivered the Pathway program to help over 30 students improve their English to start in Fall semester, and the Academic English program as 1st year language support.

Development of 20+ subjects with full teaching materials followed the standard quality assurance process (application of Co-Design Workshops to create and validate all FAS courses with external experts in the field).

Active learning with student-centered approach was adopted and implemented across all FAS disciplines, e.g. application of team-based learning, project-based learning, game-based learning, experiential learning, application of technology into teaching, personalized and tutorial approach, successful transformation of government-mandated ideology subjects into multi-angle and active learning ones with fieldwork trips to expose students to real societal conditions.

Students' transformation going from high-school into a university environment: students learnt new life skills – from self-administration to caring for others and living and working full-time in student dormitories and on campus, became more confident and competent in speech and writing, grew more nuanced in their outlook, and got exposed to many perspectives from the social sciences and humanities.

Teaching Highlights

High quality and capable fulltime faculty were recruited globally, meeting VinUni expectations for teaching and/or research and service, as well as organizational culture. FAS has the highest percentage of international faculty among all the Colleges and faculties. FAS faculty participated in conferences and successfully completed personal development/training (from Harvard).

Faculty received internal recognition for online teaching in the Summer and positive early student feedback for Semester 1.

OASIS
OASIS stands on five pillars: Orientation, Advising, Study Skills, Intercultural Awareness, and Self-exploration and Growth. This is one of the most important subjects at VinUniversity for new students, helping them to transition from high school to university and expand their potential. This academic year, students had the chance to build their own academic goals, learn about time management, reading comprehension, presentation skills, etc., and meet with field experts, business leaders, and corporate CEOs. The Advisor program is a crucial part of OASIS, matching students with professors, lecturers, and faculty members in order to provide support in selecting the right study subjects or in making life choices.

1,500 Participants	**3,500** Teaching Hours
35 Online Lecture Hours	**20+** Subjects Developed
3 Seed Funding Projects	**100K** $USD Funded
2 Published ISI Articles	**3** Research Groups
1 Proposal Submitted to VinIF	**1** Monograph Book Ordered by the State

RESEARCH
ACTIVITIES

VinUniverstiy just opened its doors last year, but our faculty members are working very hard towards building a leading research institution. Last year we have published a total of 42 international articles. Though this is still a very modest achievement, I am confident that we will be getting more and more external research funding and steadily improve both the quantity and quality of our research in the next coming years.

Our students get to experience a dynamic research environment very early on in their studies. With 17 ongoing research projects being conducted with the help of student research assistants, I believe that VinUniversity are grooming not only consumers of knowledge, but also future creators of knowledge.

Do Ngoc Minh, PhD
Vice Provost, VinUniveristy

Research 3 "I"s

VinUniversity focuses on research, inventions, and patents for interdisciplinary technologies, and aims to solve challenging problems in order to create significant positive impact on the economic and social development of Vietnam and the world. Specifically, we focus on 3 "I"s:

- Issues (Real World)
- Impact
- Interdisciplinary (Sci-Tech)

Fields of Research Focus

- Smart Health
- Smart Service
- Smart Tourism
- Smart Education
- Smart Logistics
- Automation
- Digital Economy based on Artificial Intelligence and Big Data

Research Activities (cont.)

42
Papers Published in Scopus Indexed Journals

17
Seed Funding Projects

4
External Research Proposals Submitted

2
IP Disclosures/ Patents

Top Researchers
Professor **Rohit Verma,** Founding Provost, was designated as a Fellow at the Decision Sciences Institute. He is also in the world's top 2% most outstanding contributors to the field of Business and Management.

Professor **Do Ngoc Minh**, Vice-Provost, is in the top 0.13% world's most referenced researchers in the field of AI and Image Processing.

Dr. **Maurizio Trevisan**, Dean of CHS, is in the top 1.65% world's most referenced researchers in the field of Epidemiology.

IP Disclosures/Patents
In January 2021, a patent was granted to Dr. Chien and his Italian collaborators: Use of the synergistic action of human Syk inhibitors for the preparation of new therapeutic combinations based on artemisinin (ACTs) for the radical treatment of malaria.

In June 2021, Dr. Phuong Lan and her collaborators at VinBrain disclosed IP related to: Algorithm to convert sentiments into quantitative assessment in hotel domain

6:1
student-to-faculty ratio

VinUniversity students are provided with ample opportunities to participate in research and scientific journal publications with our faculty members. This is an ideal ratio employed by leading universities such as Harvard University and University of Pennsylvania.

900K

$USD Approved Seed Funding

800K

$USD Approved VinIF Funding

13

Research Seminars

Published Research

College of Business & Management

1. Measuring Customer Satisfaction and Hotel Efficiency Analysis: An Approach Based on Data Envelopment Analysis - Kim C., **Chung K.**
2. Strategic responses of the hotel sector to COVID-19: Toward a refined pandemic crisis management framework -**Le D**., Phi G.
3. How to win the consumer's heart? Exploring appraisal determinants of consumer pre-consumption emotions - **Le D**., Pratt M., Wang Y., Scott N., Lohmann G.
4. Development and validation of the pick-up service quality scale of the buy-online-pick-up-in-store service - Lee Y., **Choi S**., Field J.M.
5. Fostering innovation through stakeholders' engagement at the healthcare industry: Tapping the right key - Segarra-Oña M., Peiró-Signes Á., **Verma R**.
6. Strategic responses of the hotel sector to COVID-19: Toward a refined pandemic crisis management framework. International Journal of Hospitality Management - **Le, D**., & Phi, G.
7. A Review of Eye-Tracking Methods in Tourism Research. Eye Tracking in Tourism, 13-27 - **Le, D**., Hadinejad, A., Moyle, B., Ma, J., & Scott, N.
8. Measurement of Visual Attention to Advertising Using Eye-Tracking Techniques Eye Tracking in Tourism (pp. 101-111): Springer - Hadinejad, A., **Le, D**., Ma, J., & Scott, N.
9. The Development and Current Trends of Digital Marketing and Relationship Marketing Research Developing Digital Marketing: Emerald Publishing Limited. - **Le, D**., Nguyen, T.-M., Quach, S., Thaichon, P., & Ratten, V.
10. The Current Trends and Future Direction of Digital and Relationship Marketing: A Business Perspective Developing Digital Marketing: Emerald Publishing Limited - Nguyen, T.-M., **Le, D**., Quach, S., Thaichon, P., & Ratten, V.

College of Engineering & Computer Science

11. An experimental method to characterize the relationship between aperture image and ray directions in microscope optics - **Tran Thi Mai**
12. Postnatal structural development of mammalian Basilar Membrane provides anatomical basis for the maturation of tonotopic maps and frequency tuning - **Tran Thi Mai**
13. Active Temperature compensation for MEMS capacitive sensor - **Do Danh Cuong**
14. FDM-Based 3D Printing of Polymer and Associated Composite: A Review on Mechanical Properties, Defects and Treatments - **Do Tho Truong**
15. Improving Multi-Label Text Classification Using Weighted Information Gain and Co-Trained Multinomial Naive Bayes Classifier - **Kok-Seng Wong**
16. Towards Forecasting Future Day Air Pollutant Index in Malaysia - **Kok-Seng Wong**
17. Symbolic dynamics of music from Europe and Japan - **Thomas Oikonomou**
18. The q-exponentials do not maximize the Rényi entropy - **Thomas Oikonomou**
19. QoE-aware Bandwidth Allocation for Multiple Video Streaming Players over HTTP and SDN - **Pham Ngoc Nam**
20. Cumulative Quality Modeling for HTTP Adaptive Streaming - **Pham Ngoc Nam**
21. Overall Quality Prediction for HTTP Adaptive Streaming using LSTM Network - Pham Ngoc Nam
22. Engineering a light–matter strong coupling regime in perovskite-based plasmonic metasurface: quasi-bound state in the continuum and exceptional points - **Le Van Quynh**
23. Use of a convolutional neural network and quantitative ultrasound for diagnosis of fatty liver - **Do Ngoc Minh**
24. RaDICaL: A Synchronized FMCW Radar, Depth, IMU and RGB Camera Data Dataset with Low-Level FMCW Radar Signals - **Do Ngoc Minh**
25. Real-Time EEG Signal Classification for Monitoring and Predicting the Transition Between Different Anaesthetic States - **Do Ngoc Minh**
26. QoE-aware Video Adaptive Streaming over HTTP - **Pham Ngoc Nam**
27. Towards an Overall QoE Model for 360-Degree Video - **Pham Ngoc Nam**
28. Light Field LC-PolScope: The novel non-invasive and label-free imaging technique to measure 3-D birefringence of the juvenile clamshell - **Tran Thi Mai**
29. A Privacy-Preserving Framework for Surveillance Systems - **Kok-Seng wong**
30. Input-Aware Dynamic Backdoor Attack - **Tran Tuan Anh**
31. WaNet - Imperceptible Warping-based Backdoor Attack - **Tran Tuan Anh**
32. Lipstick ain't enough: Beyond Color Matching for In-the-Wild Makeup Transfer - **Tran Tuan Anh**
33. Exploring Image Deblurring via Encoded Blur Kernel Space - **Tran Tuan Anh**
34. Deep Combiner for Independent and Correlated Pixel Estimates - **Hua Binh Son**
35. Network Pruning That Matters: A Case Study on Retraining Variants - **Hua Binh Son**
36. Global Context Aware Convolutions for 3D Point Cloud Understanding - **Hua Binh Son**
37. Multimodal fusion using sparse CCA for breast cancer survival prediction - **Do Ngoc Minh**
38. Traffic video event retrieval via text query using vehicle appearance and motion attributes - **Do Ngoc Minh**
39. Deepsharpen: Deep-Learning Based Sharpening Of 3D Reconstruction Map From Cryo-Electron Microscopy - **Do Ngoc Minh**
40. Stability Properties of 1-Dimensional Hamiltonian Lattices with Nonanalytic Potentials - **Thomas Oikonomou**

Research Activities (cont.)

College of Health Sciences
Full-Time Faculty

40. Innovations in medical education in Vietnam - **Zarrin Seema Siddiqui, Le Cu Linh**
41. Examining social support, psychological status, and health-related quality of life in people receiving haemodialysis - **Hoang Lan Van**
42. Factors associated with the intention to participate in COVID-19 frontline prevention activities among nursing students in Vietnam: An application of the Theory of Planned Behaviour - **Nguyen Thi Thanh Huong**
43. Accelerating Our Global Impact in the Year of the Nurse and Midwife - **Michele Upvall**
44. Magnitude of the Quality Assurance, Quality Control, and Testing in the Shiraz Cohort Heart Study - **Maurizio Trevisan**
45. Mediterranean diet and all-cause mortality: A cohort of Italian men - **Maurizio Trevisan**
46. The COVID-19 Pandemic: A View From Vietnam - **Maurizio Trevisan, Le Cu Linh**
47. Vietnam a country in transition: health challenges - **Maurizio Trevisan, Nguyen Thi Tuyet**
48. Sugar-Sweetened Soda Consumption and Total and Breast Cancer Mortality: The Western New York Exposures and Breast Cancer (WEB) Study - **Maurizio Trevisan**
49. A Novel Strategy for P. falciparum Malaria based on Syk Kinase Inhibitors to Design Triple Artemisinin-based Combination Therapies (TACTs) to Counteract Delayed Parasite Clearance (Drug Resistance) Following Standard ACT Treatment - **Huynh Dinh Chien**
50. Tears in my eyes: From the diary of a stranded academic - **Zarrin Seema Siddiqui**
51. Oxidative stress by Ca2+ overload is critical for phosphate-induced vascular calcification - **Nguyen Thi Tuyet**
52. Low- and Middle-Income Country Host Perceptions of Short-Term Experiences in Global Health: A Systematic Review - **Lu Paul Matthew**
53. Public Reactions in Online Newspapers to Workplace Violence Against Nurses - **Nguyen Hoang Long**
54. Prioritizing Training Needs of School Health Staff: The Example of Vietnam - **Nguyen Thi Thanh Huong**
55. National Survey of Feeding Tube Verification Practices: An Urgent Call for Auscultation Deimplementation - **Michele Upvall**

Affiliated Faculty

56. Differential Wound Healing Capacity of Mesenchymal Stem Cell-Derived Exosomes Originated From Bone Marrow, Adipose Tissue and Umbilical Cord Under Serum- and Xeno-Free Condition - **Nguyen Thanh Liem, Nguyen Xuan Hung**
57. Outcomes of Bone Marrow-Derived Mononuclear Cell Transplantation for Patients in Persistent Vegetative State After Drowning: Report of Five Cases - **Nguyen Thanh Liem, Nguyen Xuan Hung**
58. Induction of Antitumor Immunity by Exosomes Isolated from Cryopreserved Cord Blood Monocyte-Derived Dendritic Cells - **Nguyen Thanh Liem, Nguyen Xuan Hung**
59. Hyd ubiquitinates the NF-KB co-factor Akirin to operate an effective immune response in Drosophila - **Nguyen Xuan Hung**
60. Gene expression profiling in allopurinol-induced severe cutaneous adverse reactions in Vietnamese - **Nguyen Van Dinh**
61. Genetic susceptibilities and prediction modeling of carbamazepine and allopurinol-induced severe cutaneous adverse reactions in Vietnamese - **Nguyen Van Dinh**
62. Review on Databases and Bioinformatic Approaches on Pharmacogenomics of Adverse Drug Reactions - **Nguyen Van Dinh**
63. A Novel Allele-Specific PCR Protocol for the Detection of the HLA-C*03:02 Allele, a Pharmacogenetic Marker, in Vietnamese Kinh People - **Nguyen Van Dinh**
64. A novel nested allele-specific PCR protocol for the detection of the HLA-A*33:03, a SCAR-associated allele, in Vietnamese people - **Nguyen Van Dinh**

TEACHING & LEARNING

"The educational technology of VinUniversity can be captured in 3 words: learning-centric, best practice, and continuously improving. We are using various technological systems and applications for teaching and learning, and these systems focus strongly on student-centered learning. Amid the COVID-19 outbreak, VinUniversity has integrated and combined many leading educational technologies, such as SIS, Panopto, Canvas, etc., to create an online environment that helps increase communication and enhance collaboration between university members,"

Vu Ngoc Khanh
Technological Educational Officer.

"We value high quality teaching, so right from the first year, we allow faculty to share with one another best practices in teaching. The objective is to foster a fun, interactive, and voluntary environment wherein our faculty can sit down to catch up with each other and share about how they are promoting teaching in their own classes,"

Amita Verma
Executive Director of Research Management and Accreditation.

Early Faculty Development (EFD)

Selected EFD faculty will be appointed Visiting Fellows at Cornell University for two semesters to receive research and teaching mentorship and professional development training.

Cornell-VinUniversity Research Mentorship (CVRM)

This program pairs research active VinUni faculty with research active Cornell faculty to help achieve two objectives: to improve research skills and capacity and to maximize research productivity.

Lunch & Learn Series

Taking place every Friday for 13 weeks, this program seeks to train faculty on how to use a mix of pedagogically focused and Canvas-focused sessions to improve their course content and teaching approach, thus effectively facilitating both offline and online teaching and learning.

Workshops included:

- Hybrid Teaching + IT Walkthrough: Differentiating offline from online teaching and highlighting best practices in conducting hybrid learning environments
- Designing Effective Assessments (Multiple choice and gap fill questions): Explore evidence-based practices on designing formative summative assessments and MCQs
- Building Quizzes on Canvas: Take advantage of the Full functionality of Canvas quizzes to reduce workload
- Giving Feedback: How to provide Effective and constructive feedback to students in various teaching contexts
- Engaging Students in Learning: Improving VinUni student engagement in all learning environments
- Canvas Gradebook + Assessments: Using SpeedGrader and Rubrics in assessments for efficiency, transparency and objectivity in grading
- Designing Team Projects for Student Success: Planning student projects to facilitate collaboration, accountability, and fair assessment
- Gamification + Game-Based Learning (90-minutes):

Teaching & Learning (cont.)

Distinguished Lecturer Series

Well-known researchers and academics who have significant influence on and helped greatly advance their research discipline gave 7 talks over the last academic year. These lectures are free of charge and are open to all VinUniversity members and the general public.

No	Lecturer	Topic
1	Brenda Lynn Dietrich, PhD, Cornell University	Riding Data Waves: From Ripples to Tsunamis
2	Glen Gaulton, PhD, University of Pennsylvania	The Critical Role of Biomedical Research in Driving Innovations that Improve Health Outcomes
3	Mark Campell, PhD, Cornell VinUniversity	Autonomous, Self-Driving cars
4	Edward W. McLaughlin, PhD, Cornell University	Changes in the Most Essential Lifeline: The Food Supply Chain
5	Joseph Halpern, PhD, Cornell University	Knowledge and common knowledge in multi-agent systems
6	Joseph Halpern, PhD, Cornell University	Using Multi-Agent Systems to Represent Uncertainty
7	Gary Thompson, PhD, Cornell University	Integrating Teaching, Research, and Industry Relations for Synergy and Relevance
8	Joseph Halpern, PhD, Cornell University	Actual Causality: A Survey

Independent Study Program allows students to participate in research projects with university professors to receive credits. VinUniversity strongly encourages students to apply theoretical research to solve practical problems. This year several research projects were initiated and completed by students.

STUDENT
EXPERIENCE

"Through my previous experience participating in student activities at VinUniversity, I realized that our students have the ability and spirit to contribute to the community – they just don't know how. So as President, I will organize frequent dialogues with the entire student body to listen to their ideas and work with them to realize their proposals."

Nguyen Duy Anh Quan
President of Student Council

Student Council

In May 2021, the first Student Council President of VinUniversity was elected along with 5 other representatives:

Nguyen Duy Anh Quan
President

Thai Thi Phuong Nga
Head of Community Engagement

Nguyen Le Quynh Giang
Head of Welfare

Nguyen Hoang Son
Head of Public Relations

Huynh Hai Ngan
Head of Human Resources

Le Minh Thi
Secretary

Student Clubs

VinUniversity students are actively engaged in extra-cirricular actitivties. The key student clubs for last year are:

VinUni Harmony
VinUni Research Club
VinUnity
VinMagazine
VinUni Basketball Team
VinUni Football Club
VinUni Business Insider
VinUni Marketing Club
VinUni Events Club
VinUni Debating Community
Vin-A-House
VinUni Culture Club
VinUni Human Resource Club
VinViVid
OnSet
VinMaker Society
VinUni Badminton Club

Dorm Life

All first-year students were required to stay in the designed dormitories on campus. Together they formed second families regardless of the financial, geographical, and social backgrounds that they came from.

"We frequently organized games and activities to enjoy together. We filmed fun vlogs, danced, and performed comedy acts. I miss the times when we lay on the rooftop and gazed at the stars while talking about our dreams and aspirations. Next year we have decided to rent an apartment to live with each other again, because my roommates were truly my missing family members".

Bui Hong Nhung
CBM student

Student Experience (cont.)

Competitions

Hackathon 2021

All 230 students, divided into 41 teams, participated in the 36-hour annual Hackathon event in March 2021. This year's theme focused on the topic of "Environmental Protection and Sustainable Development", and students were tasked to design viable solutions to tackle the problem of "air pollution" in Vietnam. In collaboration with Reactor School, the number 1 startup school for student entrepreneurs aged 15-24 in Southeast Asia, VinUniversity offered basic entrepreneurship coaching for all students.

Final Judge Panel included top industry experts and start-up leaders, namely:
Mai Lan Van – Chieft Marketing Officer, One ID
Luu The Loi – Founder & CEO, KyberNetwork
Pham Nam Long – Founder & CEO, Abivin
Pham Anh Duc – Deputy CEO, Vinmec International Hospital
Nguyen Ngoc Hung – Former Chairman, KardiaChain

7 finalist teams received funding of $USD 3,000 and proceeded into the EShip Lab Incubation Program.

Vietnamese Business Case Competition (VBCC)

In April-May 2021, a total of 298 submissions from all over Vietnam were received for this nationwide business case competition. Organized by VinUniversity and co-designed by Cornell University, VBCC allowed students to solve real-life business problems with top Vietnamese companies. This year, our partner company was Vincom Retail, one of the country's largest shopping mall operators. Participating teams were challenged to improve the customer experience at Vincom Mega Mall Royal City, Hanoi. Top 3 finalist teams were further coached by Vincom Retail in order to implement their proposed solutions.

Events

Convocation Day

On October 17th, 2020, the first ever Convocation marked the official opening of VinUniversity, after over 2 years of the project's initial establishment. Over 600 people joined the ceremony and expressed their excitement at being part of the first day of a future world-leading university.

Halloween

Hosted by VinUni Event Club, VinMaker Society, VinVivid, and On-Set, the Halloween Event featured a number of musical performances and a costume party. The heart of the Halloween celebration was a 2-hour long Treasure Hunt game, organized by our students.

Christmas

Hosted by VinUni Event Club, VinUni Culture Club, and VinUnity, the Christmas Gala was a night to remember for all students. A number of student-led musical performances and charity activities were organized and enjoyed by all university members, including faculty members and staff. The opera act by our Professor Rohit Verma, our Founding Provost, will possibly be the most memorable event for years to come.

Green Sports Day

We invited students, faculty members and staff from RMIT University, Hanoi Medical University, VinBrain, and Vinhomes to join a sports event with the aim of promoting healthy lifestyles and raising environmental awareness. Various sports competitions, such as soccer, basketball, badminton, table tennis, swimming, running, cycling, etc. were included. The fictional sport from Harry Potter, Quidditch, was also recreated. All first prize winners planted trees on VinUniversity campus with their name plates fixed on each tree.

Earth Day

2 student clubs at VinUniversity collaborated together to host the Earth Day event in order to raise environmental awareness amongst students. Activities included the BLOOM initiative, for which each dorm room had to compete and try to grow as much wheat as possible. Other projects were an Interactive Art Exhibition and Musical Stairs.
"This event really helped push innovative thinking amongst VinUniversity students," said Ha Trang, one of the organizing team members.

End of Academic Year Virtual Celebration: To The Sky and Beyond

Due to the COVID-19 outbreak in June, we decided to celebrate the year-end event via Zoom. Over 300 university members joined this virtual event in order to celebrate the amazing achievements of the Academic Year 2020-21.

"**Our EShip Lab will be the flagship platform for students to learn about entrepreneuship, try and test their business skills, and build their very own first start-ups.**"

Tran Phuong Lan, PhD
Vice Dean, College of Business and Management

Career Development

Work-Study Program
Students get the chance to experience the professional working environment early on at VinUniversity. The Work-Study program allows students to work as teaching and research assistants and to provide administrative support while earning a small income. A total of 93 students participated.
"I learned basic business etiquette, such as how to greet business partners, how to shake hands, and how to exchange business cards," shared Tran Phuoc Lam Duy, an intern at the Marketing and Admission department.

Company Visits
A series of company field trips were organized to allow students to get a taste of real companies' cultures and see how they operate on a day-to-day basis. This year, we brought students to:

Sofitel Legend Metrpole Hanoi
Vinsmart Factory
Flamingo Dai Lai Resort
Ivy Moda Factory

Entrepreneurship Lab (EShipLab) is an experimenting platform for students who have strong desire to transform ideas into real business models. Our EShip Lab provides a number of study courses and activities to develop and nurture entrepreneurial skills for students, as well as attractive seed funding amounts to establish their start-ups. An important part of EShip

Lab is the Incubation Program, which offers an 8-week self-paced virtual program to learn business basics and get mentorship from professional experts from all over South-East Asia. Upon completion of the Incubation Program, students will be given the choice to proceed into the university's own Accelerator Program, which will be launched in 2022.

In the next academic year, EShip Lab will also feature the Entrepreneurs-in-Residence program, which offers students mentorship and guidance from the country's leading experts and entrepreneurs. A Start-Up Demo Day will also be organized, and we are expecting to invite a panel of angel investors and venture capital firms to assess and evaluate student start-ups from all over Vietnam.

Internship Orientation Program provides structured guidance for students to plan their career paths, to find and apply for professional work positions, and to prepare themselves with the necessary skills and knowledge. The program held six sessions last year, namely:

(1) Self-assessment and career development strategy
(2) Effective searching for internship opportunities & personal branding
(3) Writing professional CVs & cover letters
(4) Successful interviewing
(5) Professionalism in working environments
(6) Panel discussion of HR Directors.

Student Experience (cont.)

Student Clubs

VinUniversity focuses on grooming students holistically and looks for opportunities to enable students to take leadership positions. VinUniversity now has 23 active student-run clubs and societies, with 93% participation rate from all students.

"VinUni Culture Club was an indispensable part of my freshman experience. Our club is not just a social hub, it is also kind of a family for all team members. The smile on our members' faces and their happiness are motivating forces that push me and my team forward to further improve our club!"

Le Trung Kien
President of VinUni Culture Club

"Our job at VinMagazine is to give students a platform to share their thoughts and opinions. Throughout the past year, I have learned a lot from both our writers and my teammates about the power of delegation, communication, and about always being meticulous."

Giap Vu Nam Duong
Editor in Chief, VinMagazine

Community Projects: VinUniversity emphasizes the importance of giving back to society, and thus we actively participate in many community service activities. Last year, we organized a writing contest that contributed VND 100 million to the National Vaccine Fund. A total amount of VND 50 million was also donated to the Green Happiness Program of Sustainable Community Development Fund to help aid flood victims in the Central Region of Vietnam.

"Joining student clubs or societies is a great way to develop your leadership skills, learn new things, and make friends who share mutual interests."

Nguyen Anh Ngoc
Head of Student Affairs Management

LIBRARY &
LEARNING RESOURCES

Our Library is one of the best academic libraries in Vietnam, especially in health and medical sciences. It holds the largest health sciences collection with access to 4,290 medical journals and 2,842 prints and electronic titles. It is also the first academic library in the country to deploy the cutting-edge Ex-Libris integrated library system to facilitate easy access to library resources. The library is digital-resource bound with 65% of the library resources being electronic, focusing on the use of digital technologies in a contextual way including 24/7 remote access, e-reserve, library portal, RFID, self-serve check-out, Internet of things, and webchat services.

VinUniveristy Library also features a number of high-tech facilities for both student and faculty use, namely:
- **One Button Studio (OBS)**
- **Semi-Professional Studio**
- **Maker Innovation Space**

With a holding of more than 651,018 items, the library has continued to provide a quality and balanced collection to support VinUniversity's teaching, learning, and research. The library made a strong commitment to maximize the use of OER and open textbooks to support open access and reduce students' textbook cost. To foster student's digital fluency and bolster student success, the library has conducted a number of workshops on electronic publishing, research skills, academic integrity, and VR technology training. The library has also played a key role in supporting research and helping the university to track faculty's research footprint, and became the first member of the ORCID community in Vietnam.

"The VinUniversity Library is not just a physical space for holding books, it is a knowledge repository, a training space, and a point of meeting for creative minds", said Mr. Tony Tin, the Director of Library and Learning Resources.

"Library is a place where knowledge begins, research thrives, and students flourish"

Tony Tin
Director, Library & Learning Resources

2,498
Prints

649,352
E-Resources

Library Website Visits
7,813

18
Databases

Facility Use

2,755
Discussion Room Bookings

166
Tech Room Bookings

2,432
Book Loans

23,469
Physical Visits

18
Workshops

77,370
Database

EXTERNAL ENGAGEMENT

External Engagement (EE) Department is in charge of establishing and developing lasting relationship between VinUniversity and its academic and corporate partners. In addition, the Department manages several VinGroup-sponsored programs, notably the VinGroup Science and Technology Scholarship Program for Overseas Study for Master's and Ph.D. Degrees.

Regarding **Academic Engagement**, EE reached 05 agreements on academic exchange and cooperation programs in education and research, including student exchange, faculty exchange, visiting scholars, and joint research with Cornell University, Seoul National University, Yonsei University, Western University (Canada), and the University of Technology Sydney (UTS). About 20 annual exchange opportunities will be given to VinUni students as the result of these agreements. In addition, EE worked with Cornell and UTS to establish the Study-Away Program for students from these universities to study at VinUni during the Covid outbreak.

With **Corporate Engagement**, through lasting exchange relationships with esteemed companies and organizations, VinUni aims to equip students with valuable, distinctive internship and employment opportunities that help broaden their experience, professionalism, and networking, as well as enhance their employability. To that end, the Corporate Engagement efforts were met with great success as VinUni has established partnership with leading companies such as EY Vietnam and One Mount Group, and several employers and research institutes within the VinGroup ecosystem, namely Vinpearl, VinMec, VinBigdata Institute, VinAI Research, VinBrain, and VinHMS. Thanks to these agreements, more than 100 internship positions have been created and offered to CBM and CECS students right from their first undergraduate year.

"EE aspires to become an effective opportunity enabler exploring a wide variety of potential activities from the outside world that are mutually beneficial and align with VinUni long-term strategic goals. In the first-ever academic year, EE has focused on setting up foundational collaborations with highly-regarded domestic and international partners."

Bui Thanh Hanh
External Engagement

FACULTY & STAFF LEADERS

Le Mai Lan
Vice Chairwoman of Vingroup;
President of VinUniversity Council

Rohit Verma
Provost

Do Ngoc Minh
Vice Provost

Sunmee Choi
Founding Dean, CBM

Maurizio Trevisan
Founding Dean, CHS

Vu Anh Dzung
Founding Head, FAS

Tran Phuong Lan
Vice Dean, CBM

Pham Ngoc Nam
Vice Dean, CECS

Le Cu Linh
Vice Dean, CHS

Phung Nam Lam
Vice Dean of Clinical Education, CHS

Tony Tin
Library & Learning Resources
Director

Amita Verma
Head of Research Management &
Accreditation

Jenny Dung Le
Faculty, CBM

Kyunghwa (Jenny) Chung
Faculty, CBM

Do Linh Anh
Faculty, CBM

Kok Seng Wong
Faculty, CECS

Tran Anh Duc
Visiting Associate Professor, CECS

Le Van Quynh
Faculty, CECS

Faculty & Staff Leaders (cont.)

Tran Thi Mai
Faculty, CECS

Do Danh Cuong
Faculty, CECS

Nguyen Viet Tu
Faculty, CECS

Oikonomou Thomas
Faculty, CECS

Do Tho Truong
Faculty, CECS

Le Duy Dung
Faculty, CECS

Paul Lu
Program Director, Internal Medicine
Residency, CHS

Elijah Riddle
Program Director, General Surgery
Residency, CHS
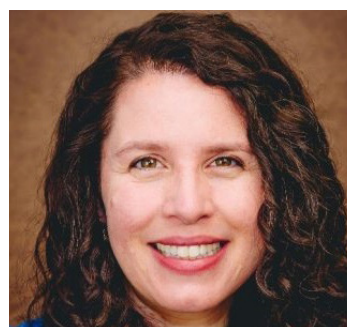
Alexandra Vinograd
Program Director, General Surgery
Residency, CHS

Zarrin S Siddiqui
Faculty cum Program Director, CHS

Huynh Dinh Chien
Faculty cum Program Director, CHS

Nguyen Hoang Long
Faculty cum Program Director, CHS

Stephen Schiffer
Faculty, CHS

Thanh Ngoc Tien
Faculty, CHS

Nguyen Thi Tam
GME Coordinator, CHS

Nguyen Thi Thanh Huong
Faculty, CHS

Hoang Lan Van
Faculty, CHS

Nguyen Thi Tuyet
Faculty, CHS

Faculty & Staff Leaders (cont.)
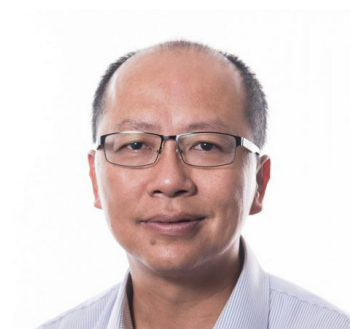
Nguyen Thi Hoa Huyen
Faculty, CHS

Luu Thu Huong
Simulation Center Manager, CHS

Daniel Ruelle
Faculty cum Program Director, FAS

Stephen Lindhorst
Faculty, FAS

Jason Picard
Faculty, FAS

David Koh
Faculty, FAS

Rory Kennedy
Faculty, FAS

Billy Wheeler
Faculty, FAS

Anupama Devendrakumar
Faculty, FAS

Nguyen Hong Ha
Head of Registrar

Do Hai Ha
Executive Assistant of University

Tran Thi Thu Hoai
Director of Finance and Accounting

Pham Thanh Hao
Human Resources Director

Bui Thanh Hanh
External Engagement Director

Nguyen Hoai Anh
Head of Student Admissions -
Marketing - Communications

Nguyen Anh Ngoc
Head of Student Affairs

Nguyen Son Tung
CIO

Nguyen Hoang Viet
Operations Director

Incoming Faculty

David Harrison
Vice Provost of AA, VPO

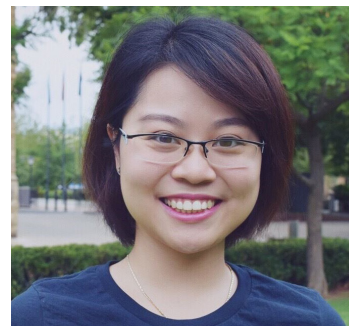**Laurent El Ghaoui**
Dean, CECS

Wray Buntine
Program Director, CECS

Andrew Robinson
Faculty, CHS

Pranee Liamputtong
Faculty, CHS

Lan Nguyen
Faculty, CBM

Wing Sze Ho
Faculty, CBM

Jun Myung Song
Faculty, CBM

Giang Phi
Faculty, CBM

Laura Vanderbloemen
Faculty, CHS

Nhung Nguyen
Faculty, CHS

Michael Clark
Faculty, FAS

Rasim Mutlu
Faculty, CBM

VINUNIVERSITY