



Stony Brook University



Stony Brook
University

官政明博士 / Cheng-Ming Kung, PhD

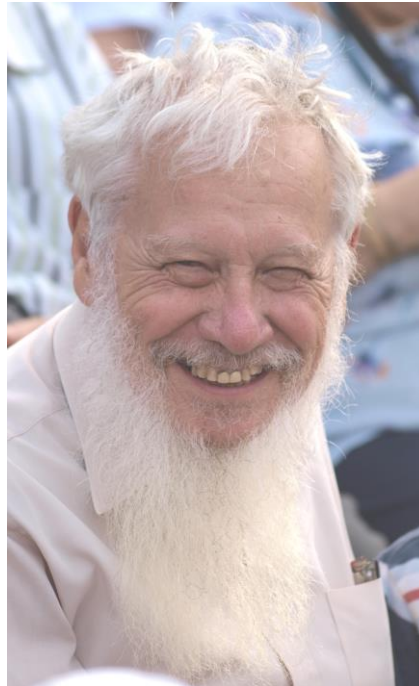
2015官佳好校友的家長
SBU International Ambassador
石溪國際大使



Stony Brook University



**Chen-Ning Yang, 1957 Physics
(Elementary Particles)**



**Robert Aumann, 2005 Economics
(Game Theory)**



**Marvin A. Geller, 2007 Peace
(Environment)**



**Paul C. Lauterbur
2003 Medicine (MRI)**

NOBEL LAUREATES



Stony Brook University



諾貝爾醫學獎 - MRI 核磁共振 原型機; 化學系



Stony Brook University



羅仙法 博士

石溪經濟學

台中市政府財政局長

逢甲大學財務金融學系教授



趙午 博士

石溪物理學

中央研究院院士

第24屆數理科學組



王學亮 博士

石溪應用數學

高雄大學校長



莊德茂 博士

石溪分子生物學

中央研究院院士

第26屆生命科學組



陳振宇 博士

石溪心理學

師範大學國際與

社會科學學院院長

FAMOUS TAIWANESE ALUMNI



台灣校友許多從事教學研究或於工商業界服務

中央研究院 趙午 院士 莊德茂 院士 舒志翔、章文箴 何東垣、蔡明璋 吳文晉、曾瑞鈴 國立台灣大學 沈弘俊、何東垣 雷庚玲、莊裕澤 蔡尚芳 國立清華大學 洪嘉呈、陳福榮 鄭志豪、閻愛德 胡龍融、李湘楠 國立交通大學 胡均立、辛幸純 林俊源、孫仲銘 曾文貴、邵錦昌 國立政治大學 黃台心	國立高雄大學 王學亮校長 國立成功大學 許鐸芬、姜學誠 廖俊雄、吳致杰 張書銓 國立中央大學 吳大任、葉淑丹 林文淇、許富皓 李振亞、黃華民 陳文屏 國立中興大學 廖明淵、林建光 國立中山大學 王維豪、王朝欽 郭可驥、劉祖乾 國立中正大學 陳皓君、龔充文 李玉琇	國立臺灣師範大學 陳振宇、陳穎叡 馮明光、杜玲嫻 國立彰化師範大學 周忠強 國立台南藝術大學 李肇修、林瑩茜 王怡蓁、張琇琇 國立臺北大學 詹昀嫻 國立台灣科技大學 柯正浩、羅乃維 張順教、項天瑞 國立臺灣海洋大學 邵廣昭、程一駿 張正 國立嘉義大學 鄭建中、張力文	國立陽明大學 林照雄、傅淑玲 台北醫學大學 林中魁 長庚大學 蕭穎聰 國立屏東大學 張國綱 國立暨南國際大學 吳健璋 國立聯合大學 楊屯山 靜宜大學 林耀鈴、徐力行 台北城市科技大學 李世榮	輔仁大學 莊瑞珠、徐國政 東海大學 吳立偉 淡江大學 吳俊弘 逢甲大學 羅仙法、楊孝淳 實踐大學 歐陽慧剛 世新大學 陳建良 中國文化大學 王永昌 東華大學 黃凱盈
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Stony Brook University



黃凱盈 博士
鋼琴 東華大學



李肇修 博士
小提琴 南藝大前校長



歐陽慧剛 博士
小提琴 實踐大學



張力文 博士
中提琴 嘉義大學



林瑩茜 博士
鋼琴 南藝大



辛幸純 博士
鋼琴 交通大學



黃冠蓁 博士
中提琴 演奏家



王怡蓁 博士
中提琴 南藝大

FAMOUS TAIWANESE ALUMNI



One of the Nation's Elite

In 2001 Stony Brook University became a member of the prestigious **American Association of Universities (AAU)**, an invitation-only organization composed of the top **62** research universities in North America.

晉升AAU會員為美國大學的至高榮譽



Stony Brook University

**National Public
University**



*U.S. News & World
Report, 2018*

In the World



*QS world university
rankings, 2018*

**Best Value
College**



*Forbes magazine, 2019
Refer to Kiplinger's
PayScale.com & etc..*

MOMENTUM



13 Programs Ranked in Top 25 in Country

1	Human Computer Interaction	2	Health Sciences	4	Nuclear Physics
4	Graduate Geometry	4	Graduate Clinical Psychology	5	Applied Mathematics
10	Online Nursing	11	Topology	11	Computer Science
15	Sustainability Science	16	Physician Assistant	20	American Politics
25	Mathematics				



Stony Brook University

\$150 Million Gift from **Jim and Marilyn Simons and the Simons Foundation**

**2011年捐增一
億五千萬美金予
石溪大學**

December 14, 2011



*Former Chairman of Stony Brook's
Department of Mathematics
石溪大學前數學系主任*



Stony Brook **University**

**Named among the 25 best values in public colleges by
Kiplinger's.**

**Ranked #16 among public universities with the highest
return on investment by *PayScale.com***

“Top-notch programs in the hard sciences”

- *Fiske Guide to Colleges*



Stony Brook University



LONG ISLAND



Stony Brook University



蔣宋美齡在蔣介石去世後移居美國，住在長島蝗蟲谷 (Locust Valley) 的時間為1975年到1995年，前後約20年的時間。

WHY STONY BROOK UNIVERSITY



Stony Brook University



The Stony Brook campus is set among 1,040 wooded acres.

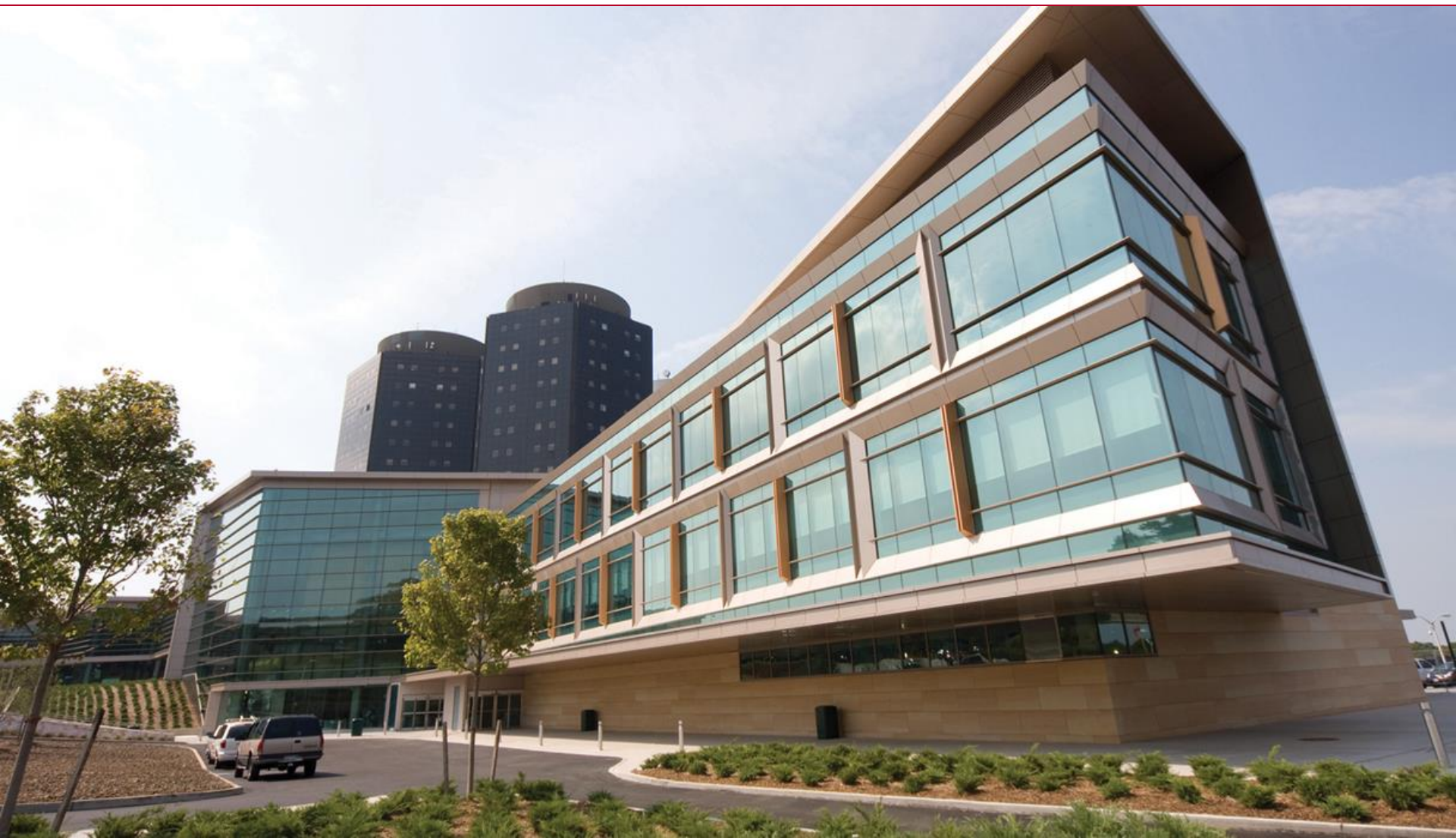


Stony Brook University





Stony Brook University



Stony Brook University Hospital



Stony Brook University



Kenneth P. LaValle Stadium



Stony Brook University



The Charles B. Wang Center, Celebrating Asian and American Cultures



Stony Brook University



Frank Melville Jr. Memorial Library



Stony Brook University



Newest residence halls, Nobel Halls, are environmentally friendly and LEED Gold-certified.



Stony Brook University

**More than 200 majors, minors,
and combined degree programs**



Stony Brook University

FACULTY STUDENT RATIO

18:1



1. 學生來自
➤ 美國~50州
➤ 100個國家
2. 85%大一新
鮮人住校
3. 國際學生優
先住校內宿
舍

Newsday

Long Island

LI colleges drawing more tuition dollars from international students as foreign enrollment rises

Updated July 6, 2015 12:48 PM

By CANDICE FERRETTE candice.ferrette@newsday.com

16 Reprints A+ A-



Matt Whelan, provost for enrollment and retention management at Stony Brook University, third from left, with, from left, students Acacia Leakey of Kenya, Salman Qavi of Bangladesh and Zahraa Krayem of Lebanon, associate dean of international admissions Yu-wan Wang and students Charis Asante-Agyei of Ghana and Theresa Kung of Taiwan at the university on Wednesday, March 25, 2015.

(Credit: Barry Sloan)



Sustainability Studies



College of Arts & Sciences



College of Business

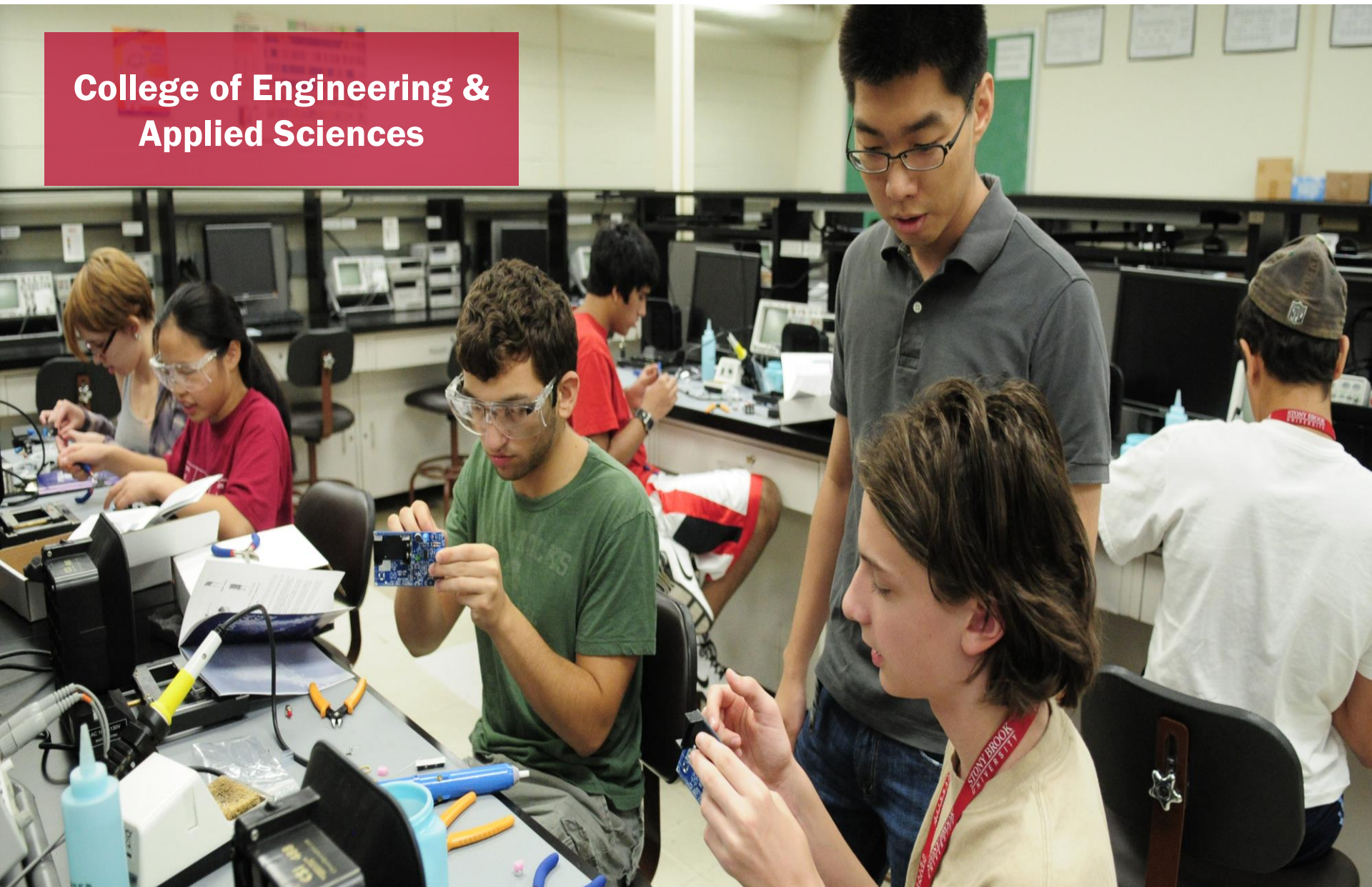


School of Marine & Atmospheric Sciences



Stony Brook University

College of Engineering & Applied Sciences



A photograph showing two students in a laboratory. A male student in a black shirt and white gloves is working with several small bottles on a lab bench. A female student in a green shirt is standing next to him, observing. The lab bench is cluttered with various glassware, pipettes, and other laboratory equipment. In the background, there are shelves with more equipment and a sink area.

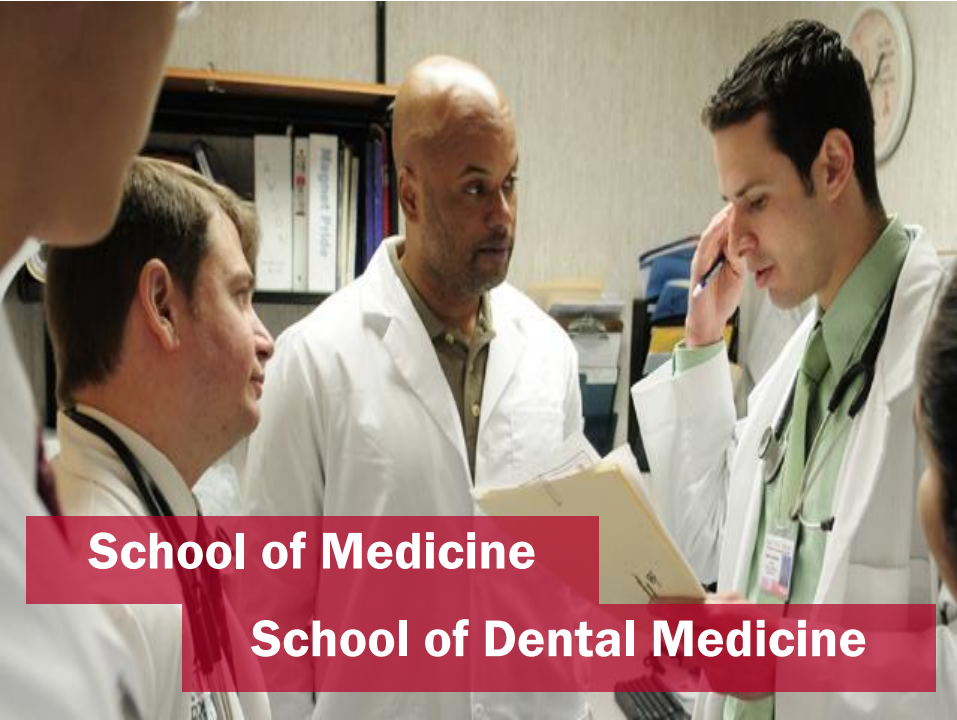
School of Health Technology & Management

A close-up portrait of a young woman with long dark hair, wearing a red nursing uniform. A stethoscope is draped around her neck. She is looking directly at the camera with a slight smile. The background is blurred, showing other people in a clinical setting.

School of Nursing

A photograph of a classroom setting. In the foreground, a female student with dark hair is sitting at a desk, writing in a notebook with a red pen. Next to her, another female student with long brown hair is also sitting at a desk, looking down at some papers. In the background, other students are visible, some sitting at desks and others standing. The room has large windows with white curtains.

School of Social Welfare

A photograph showing three medical professionals in white lab coats. They are gathered around a desk, looking at a large sheet of paper, possibly a patient chart or a research document. One man is pointing at the paper with his right hand. The background shows a clinical setting with shelves and other equipment.

School of Medicine

School of Dental Medicine



Stony Brook University

HANDS-ON LEARNING



Stony Brook **University**

Research opportunities and mentors are available on the Stony Brook campus, in various locations around the world, and right here at **Brookhaven National Laboratory (BNL)**.

布魯克黑文國家實驗室
能源局(DOE)支持, 應對
能源、環境、核能等挑戰

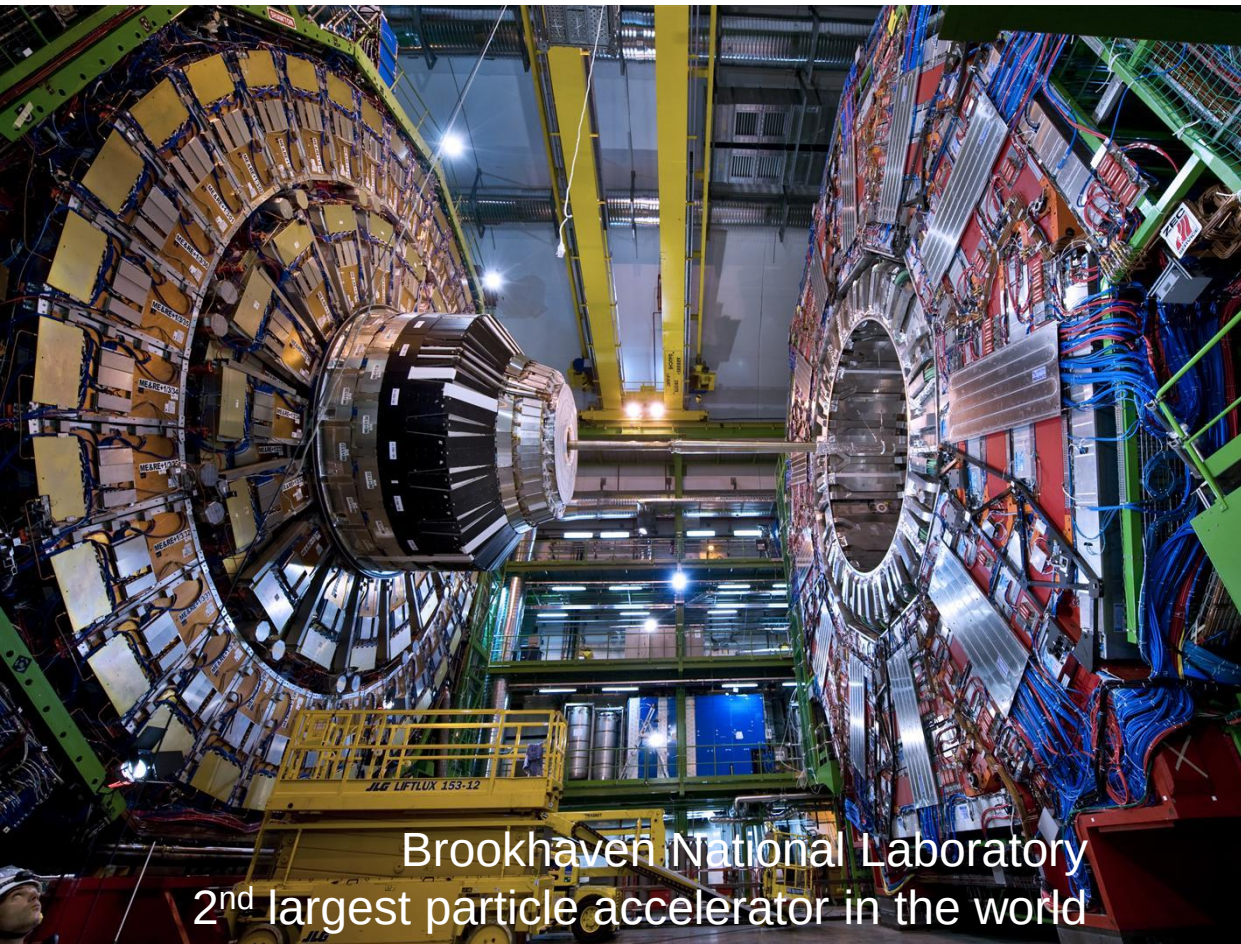


LOCAL & GLOBAL RESEARCH OPPORTUNITIES

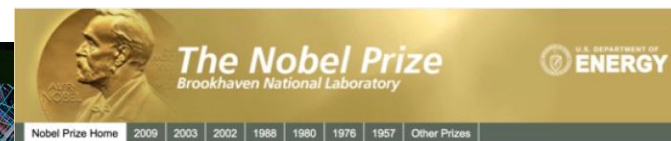


Stony Brook University

布魯克黑文國家實驗室 8位諾貝爾獎得主



Brookhaven National Laboratory
2nd largest particle accelerator in the world



Brookhaven National Laboratory is home to world-class research facilities and scientific departments which attract resident and visiting scientists in many fields. This outstanding mix of machine- and mind-power has on seven occasions produced research deemed worthy of the greatest honor in science: the Nobel Prize.



2009 Nobel Prize in Chemistry

Venkatesan Ramakrishnan, of the Medical Research Council Laboratory of Molecular Biology in Cambridge, UK, a former employee in Brookhaven's biology department, and a long-time user of Brookhaven's National Synchrotron Light Source (NSLS), and Thomas A. Steitz of Yale University, also a long-time NSLS user, shared the prize with Ada E. Yonath of the Weizmann Institute of Science for studying the structure and function of the ribosome. [More](#)



Roderick MacKinnon, M.D., a visiting researcher at Brookhaven National Laboratory, won one half of the 2003 Nobel Prize in Chemistry for work explaining how a class of proteins helps to generate nerve impulses -- the electrical activity that underlies all movement, sensation, and perhaps even thought. [More](#)



Raymond Davis Jr., a chemist at Brookhaven National Laboratory, won the 2002 Nobel Prize in Physics for detecting solar neutrinos, ghostlike particles produced in the nuclear reactions that power the sun. Davis shared the prize with Masatoshi Koshiba of Japan, and Riccardo Giacconi of the U.S. [More](#)



Leon Lederman, Melvin Schwartz, and Jack Steinberger received the 1988 Physics prize for their 1962 discovery of the muon-neutrino. At the time, only the electron-neutrino was known. Using Brookhaven's Alternating Gradient Synchrotron, they detected a new type of the ghostlike particles that pass through everything. [More](#)



The 1980 physics Nobel was awarded to James W. Cronin and Val L. Fitch, both then of Princeton University, whose 1963 experiment at Brookhaven's Alternating Gradient Synchrotron discovered a flaw in physics' central belief that the universe is symmetrical. They discovered the phenomenon known as "CP-violation". [More](#)



The 1976 Nobel Prize in physics was shared by a Massachusetts Institute of Technology researcher who used Brookhaven's Alternating Gradient Synchrotron to discover a new particle and confirm the existence of the charmed quark. Samuel C.C. Ting was credited for finding what he called the "J" particle, the same particle as the "psi" found at nearly the same time by Burton Richter. [More](#)



In 1957, T. D. Lee, of Columbia University, and C. N. Yang, then of Brookhaven, interpreted results of particle decay experiments at Brookhaven's Cosmotron particle accelerator. They discovered particles which had the same masses, lifetimes and scattering behaviors, but which decayed differently, proving that the fundamental and supposedly absolute law of parity conservation can be violated. [More](#)

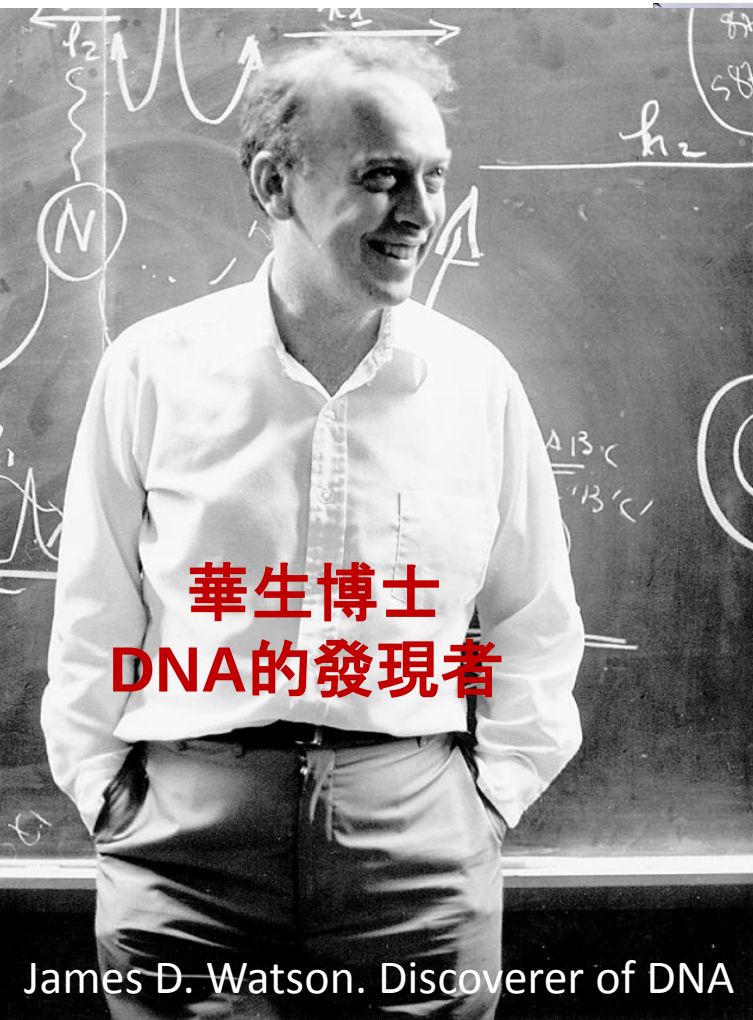
丁肇中

楊振寧
李政道

LOCAL & GLOBAL RESEARCH OPPORTUNITIES



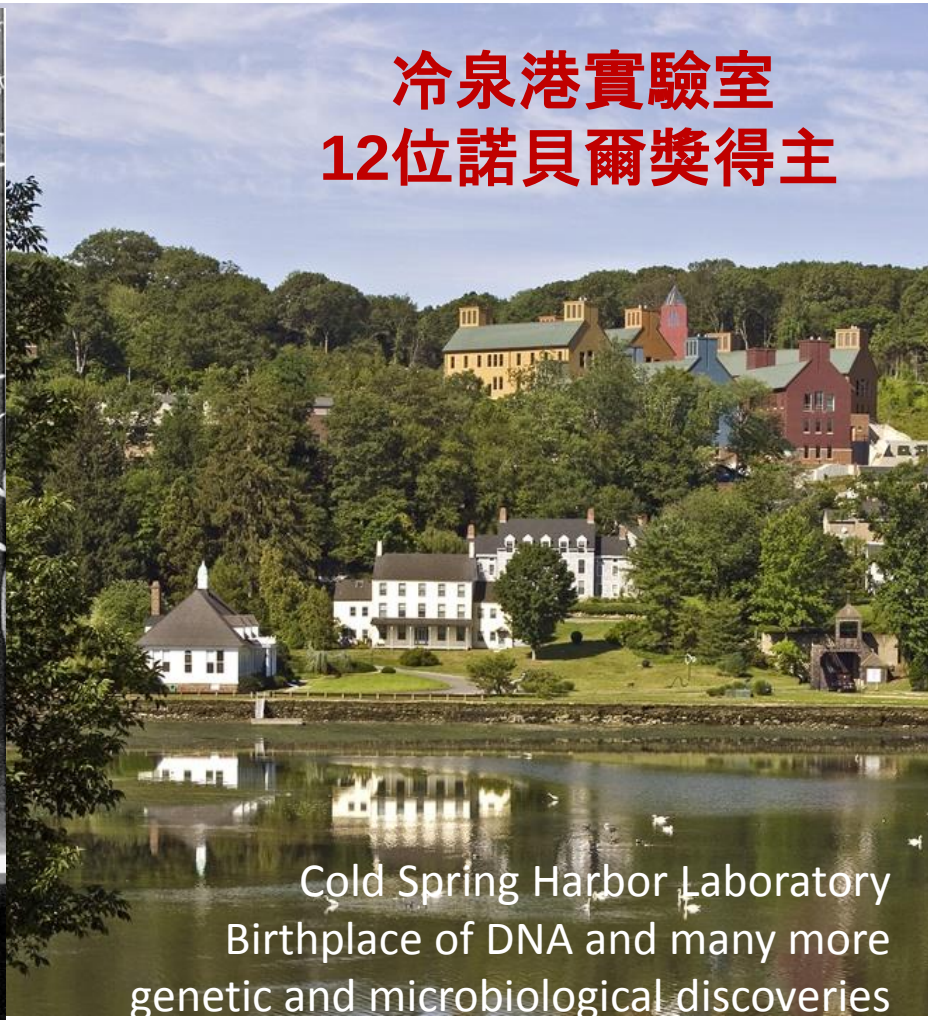
Stony Brook University



華生博士
DNA的發現者

James D. Watson. Discoverer of DNA

冷泉港實驗室 12位諾貝爾獎得主



Cold Spring Harbor Laboratory
Birthplace of DNA and many more
genetic and microbiological discoveries

CSHL
Nobel Prize
Winners



1988
Carol Greider is named one of the first CSHL Fellows and continues her research on telomeres, which protect the ends of chromosomes from degradation during cell division. She wins the Nobel Prize in 2009 with Elizabeth Blackburn and Jack Szostak.



1977
Richard Roberts discovers the phenomenon of RNA splicing and thus reveals that the same DNA region can code for many different proteins. He wins the Nobel Prize in 1993 with Phillip Sharp.



1953
James Watson gives the first public description of the newly discovered DNA double helix at the CSHL Symposium. The discovery influences virtually all subsequent biological and medical research. Nine years later, Watson wins the Nobel Prize with Francis Crick and Maurice Wilkins.



1952
Experiments by Alfred Hershey show that DNA, not protein, is the genetic material of bacterial viruses. He wins the Nobel Prize in 1969 for this and other work.



1951
Barbara McClintock discovers mobile genetic elements ("jumping genes"), a finding that has had profound importance for understanding chromosome structure and function. She wins the Nobel Prize in 1983.



Stony Brook's Undergraduate Research and Creative Activities (URECA) program actively encourages students to get involved in doing research.

**94% of recent graduates are
employed or in graduate school
- 2016 Alumni survey**



***Class of 2011 post-graduation study**



2019 - 2020 yearly cost for Full-time International Students:

國際學生預估一年費用：

Tuition & Fees	\$28,394
Living Expenses	\$16,752
Health Insurance	\$1,302
Total	\$45,358

**All charges subject to change w/o notice. Cost may vary depending on the meal plan and housing selected.
Full-time students w/o health insurance will be required to enroll in the student health insurance program.





Stony Brook University

二位國際學生入學獎學金

YouAreWelcomeHere

TWO first-year international students with a vision for enhancing intercultural understanding.

Awardees will be offered an annual, renewable scholarship to cover **50% of their tuition (currently \$12,270 USD per year)** beginning in the Fall 2019 semester.

<https://www.stonybrook.edu/commcms/welcome/scholarship/index.php>

WISE (The Women in Science and Engineering)

Merit based scholarship

https://www.stonybrook.edu/commcms/wise/about_us/welcome.php

女性、理工專業 獎學金



大二起校內打工

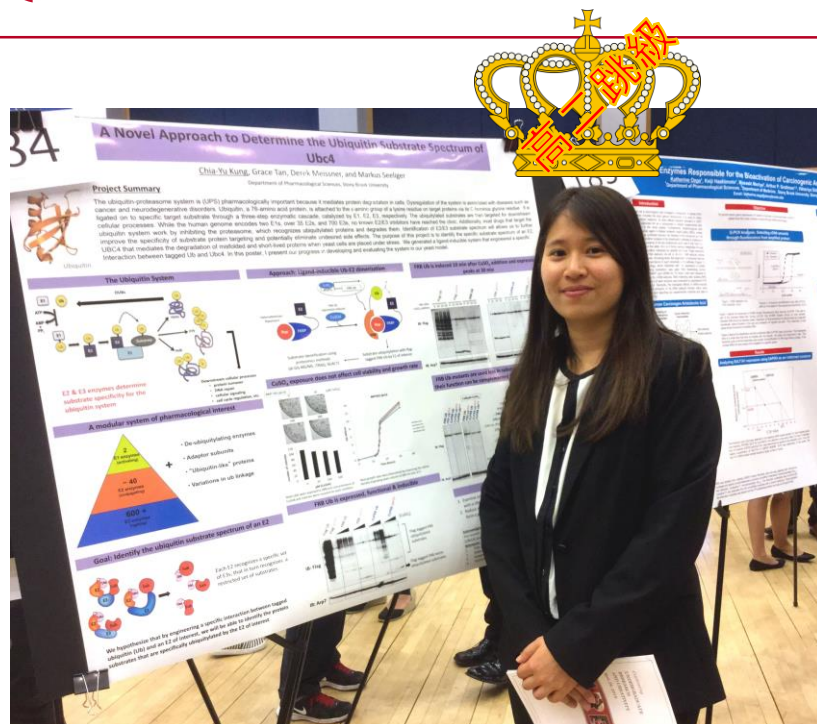
➤ \$12~16/小時

➤ ≤ 20 小時/週

如：Tutor



Stony Brook University



2015: BS, SBU
生物化學暨經濟學

官佳妤



2017~: Admera Health, NJ
資深研究員, 基因編輯研究
S. Associate Scientist

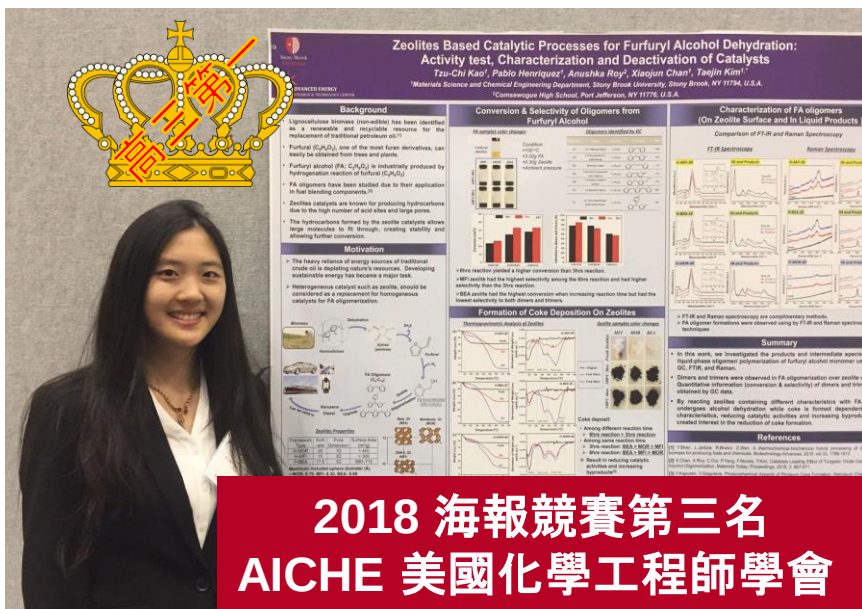
2017: MS, 哥倫比亞大學
生物科技研究所

WHAT ARE THEY DOING NOW?



Stony Brook University

高子期



2018: BE, SBU
化學與分子工程系
副修: 經濟系



2018~: CVD Equipment Corp.,
LI, NY
Process Engineer 製程工程師

WHAT ARE THEY DOING NOW?



Stony Brook University



2018 學術卓越成就獎

**2018: BS, SBU
生物化學暨心理學**

趙芯



**2018~: 馬里蘭州立大學
犯罪學系博士班
Criminology and Criminal Justice
Univ of Maryland**

WHAT ARE THEY DOING NOW?



Stony Brook University



陳尚揚

2016: BS, SBU
生物化學系 / 副修: 資訊系統系
2016~: 西北大學博士班
Biomedical Informatics
Northwestern Univ.



黃柏瑜

2017: BS, SBU
Biology 生物系
2017~: 石溪大學博士班
物理治療學所



張瑋

2019: BS, SBU
電腦科學系
應用數學及統計系
2019~: 石溪大學碩士班
電腦科學所

WHAT ARE THEY DOING NOW?



Stony Brook **University**

President Samuel Stanley with Sydney & Oliver from Taiwan





Stony Brook University

學長姐的傑出表現

➤ 學業、行為

石溪大學對台灣學生 很有好感

歡迎接棒

歡迎接棒



為什麼選擇石溪大學？

1. 一流的研究型學府，為權威的美國大學協會 (AAU) 成員，有四位諾貝爾獎得主；200多個主、副修項目
2. 多個機構評比為全美價值最好的大學之一；學費低廉，2019~2020 國際學生學費暨生活費估計 USD45,358
3. 位於環境優美、治安良好的的長島
4. 鄰近世界第一大城紐約市，盡享多元文化及眾多工作機會
5. 台灣著名校友：中央研究院院士趙午博士及莊德茂博士、高雄大學校長王學亮博士等



Stony Brook University

Requirement

Secondary school GPA range:

B+/B

Students should have official scores from one of the following standardized tests*:

SAT: 480 (Reading & Writing)

ACT English: 19

TOEFL: 80 (Internet-based)

IELTS: 6.5

PTE Academic: 53

*** Students with slightly lower scores will be considered for conditional admission.**





Applying to a SBU campus

Typical supporting documentation for applications:

- **Transcript**
- **Highest level Education Certificate**
- **English Proficiency- TOEFL, IELTS or SAT (Critical Reading)**
- **SAT Score (optional for Taiwanese applicants)**
- **Personal Statement**
- **Resume/ CV**
- **Recommendation Letters (1-2)**
- **I-20 Documentation**
- **Bank Statement**



氣候

- 紐約瀕臨浩瀚的大西洋，深受海洋水汽的浸潤，因此溫和濕潤。全年降水均勻，**年平均溫度在10攝氏度左右。**
- **四季分明**，約三個月一季，看得見四季流轉
- **春季**從三月開始，一直到五月份，氣溫從五攝氏度上升到十五攝氏度，降雨逐漸增加。晚上氣溫又會下降，需要做好保暖措施。
- **夏季**也許炎熱，但少遇高溫天氣。白天20多攝氏度的溫度下，可以穿著長袖T恤或是長裙、牛仔褲等簡便穿著，晚上要是怕冷套上外套就足夠保暖
- **秋季**與春季在氣溫上相似，沒有夏季的悶熱和潮濕，晝夜溫差開始增大
- **冬季**每年11月到來年3月的平均溫度在8攝氏度以下，常有零度以下的低溫天氣，其中1月份最冷，均溫只有零度。





Stony Brook University

President Samuel Stanley

校長與台灣校友聚會

君品酒店

— 2017年6月教育部邀請訪台



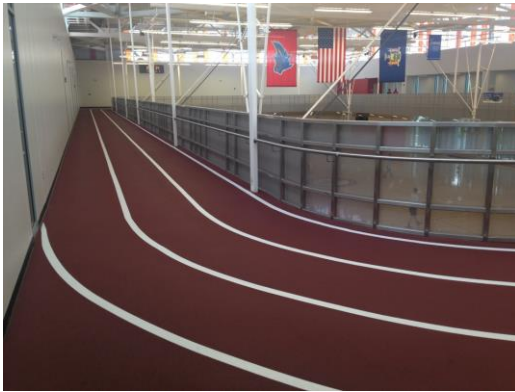


Stony Brook University





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CAMPUS LIFE



Stony Brook University



CAMPUS LIFE



Stony Brook University



SBU'S NEIGHBORHOOD



Stony Brook University



紐約市 NYC



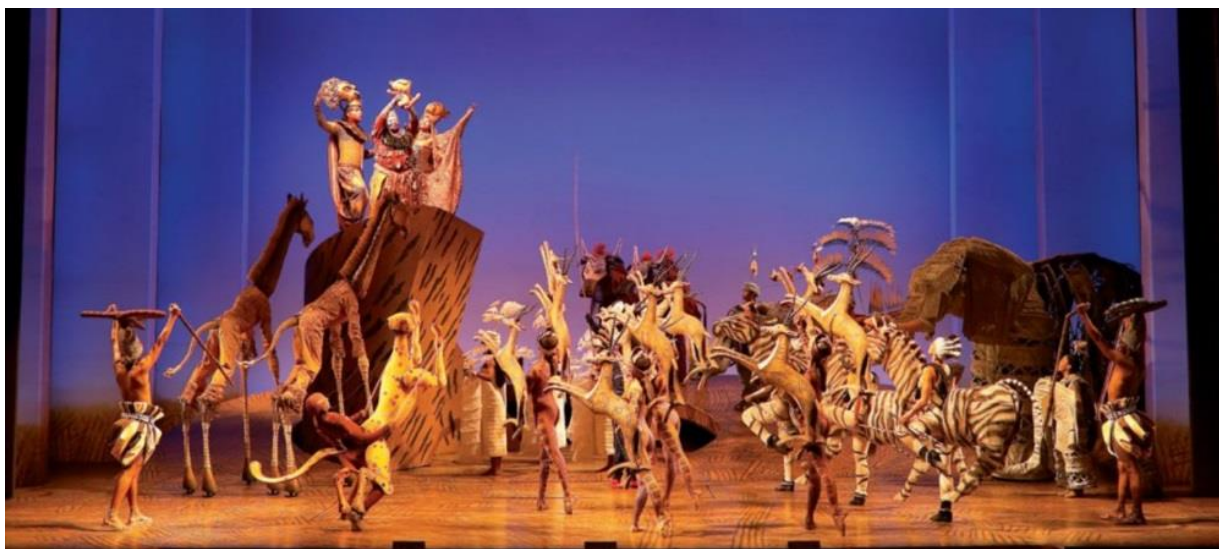
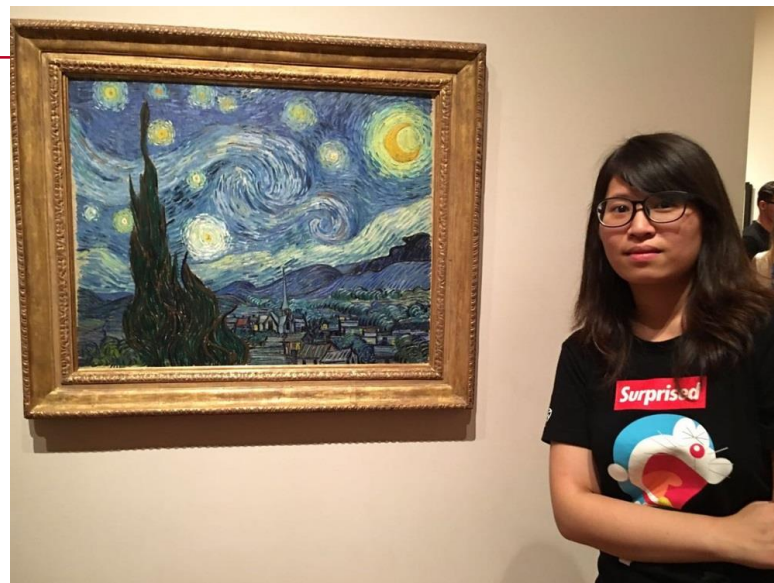
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紐約市 NYC



Stony Brook University



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