

FEATURED STORY

GEC Academy Successfully Hosted the April Global Top Scientists Forum at Imperial College London

The Third Global Top Scientists Forum, co-hosted by GEC Academy and the Chinese Students & Scholars Association of Imperial College, came to a successful close on April 19th with the theme of "New Strategies and Technologies in Biosensing & Analytical Chemistry". The keynote speaker for this academic seminar was Professor Joshua Edel, Professor of Biosensing & Analytical Sciences in the Department of Chemistry at Imperial College London, who has also been working with GEC for many years. Notably, this academic seminar marked the first time since the inception of the Global Top Scientists Forum that an offline lecture format was adopted, while utilizing online live streaming to encourage greater interaction among students from both UK and China. This event was also the first academic seminar hosted onsite since the Pandemic outbreak.



A glimpse into the forum at Imperial College London

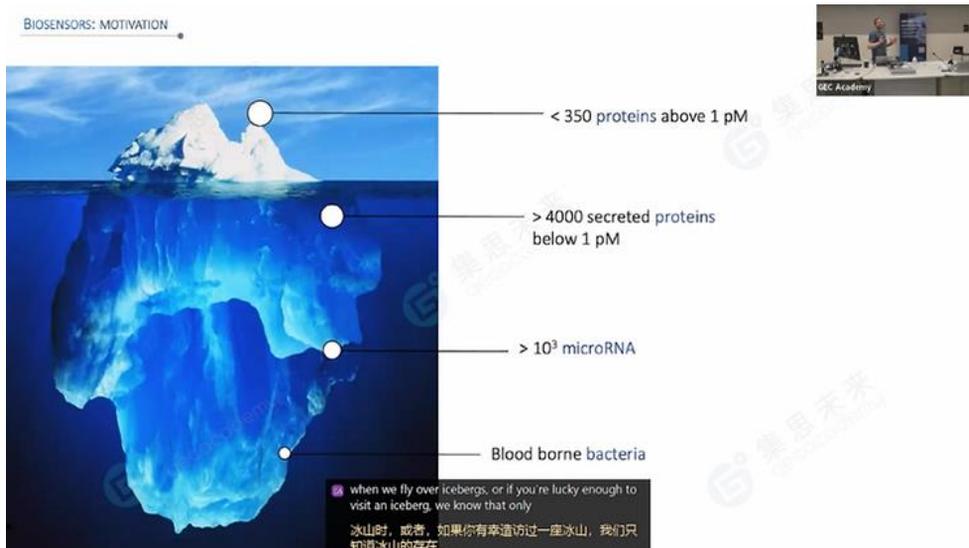
At the beginning of the lecture, Professor Edel shared his personal experience in biosensing research. He explained that his passion for this field was sparked during his senior year at the University of British Columbia while working on a synthetic chemistry project involving nanotechnology. To deepen his understanding of this concept, he delved into the works of Richard Feynman, the Nobel Laureate in Physics in 1965. Feynman's proposal of manipulating atoms to create matter was the origin of nanotechnology and captured Professor Edel's attention.



Professor Edel introducing biosensing technology

FEATURED STORY

During the lecture, Professor Edel also emphasized the importance of biosensing research and designing smaller and more precise biosensors. He used the metaphor of an iceberg, “as we know when we fly over icebergs or if you’re lucky enough to visit an iceberg, we know that only the tip of the iceberg is exposed to the local environment. So we’re flying over an iceberg, we could see the tip of the iceberg. But the majority of the iceberg is below sea level. So by simple visualization, we won’t be seeing the majority of the iceberg.” He then noted that conventional instruments may only detect high peak concentrations of protein A in a serum sample, similar to how only a small portion of an iceberg is visible above water. However, more advanced biosensors can detect protein B, which is difficult to identify and present at much lower concentrations than protein A. This highlights the need to design and research better detection products for biomolecules.



Professor Edel using the metaphor of an iceberg to highlight the importance of biosensing research and designing smaller and more precise biosensors

In response to inquiries from students about preparing nanopores, Professor Edel offered two methods: using biological molecules and DNA sequencing. He explained that using biological molecules involves utilizing existing channels found in biological systems, such as protein channels, to prepare nanopores. This method has the advantage of using natural molecular structures to prepare pores, which can be further modified and optimized with genetic engineering techniques. Using DNA molecules to prepare nanopores provides highly uniform pores, and pore size and shape can be adjusted by controlling the DNA sequence.

The Third Global Top Scientists Forum highlighted the significance of advancing biosensing research and designing more precise biosensors. The upcoming Global Top Scientists Forum will also focus on biosensing technology, specifically Bioelectronic Sensors, and will be presented by GEC’s teaching faculty, George Malliaras, Prince Philip Professor of Technology at the University of Cambridge on May 17th from 8:00 PM to 9:00 PM via [Zoom meeting](#). The forum is open to all interested individuals, and the meeting ID is **868 9252 9438**.

Moreover, as part of our commitment to providing a well-rounded education to Chinese university students, GEC Academy will continue to invite distinguished individuals, including international award recipients, renowned global scientists, influential humanitarians, accomplished professionals, and our own faculty members, to share their extensive knowledge on cutting-edge technologies and various fields of humanities. GEC will also explore opportunities to host offline lectures, bringing together experts in different fields to showcase innovative technologies and inspire students to succeed in their future academic and professional pursuits.

For those who might be interested in working with GEC, please feel free to contact our outreach specialist Katrina at katrina.wang@gecacademy.com. For GEC faculty who might be interested in giving a speech at our next Global Top Scientists Forum, please contact your academic manager.

GEC 2023 College Admissions Results (Updated in May 1st, 2023)



In this May, we are thrilled to announce that, with the guidance of GEC's exceptional teaching faculty, our 2023 students have achieved outstanding results in their college and university applications. Our students have received offers from some of the most prestigious universities in the US and UK, including Massachusetts Institute of Technology, Stanford University, Princeton University, Yale University, University of Cambridge, University of Oxford, Imperial College London, and more. We are incredibly proud of our students' achievements, and we recognize that these results would not have been possible without the unwavering support of our dedicated teaching staff. We value your hard work and efforts immensely.

Moreover, this success is a testament to GEC's commitment to excellence, and we will continue to provide our students with the resources and support they need to succeed in the competitive admissions landscape. We are confident that our track record of placing students into top colleges and universities will remain consistently high, and we look forward to continuing to work with our talented students and faculty towards achieving even greater success in the future.

(Please note that the statistics that follow are derived from feedback provided by students and may not be representative of the overall results of student admissions.) Based on feedback from students, we have collected data indicating that in 2023, GEC students received approximately 1,500 offers, including 1,021 for master's programs and 465 for undergraduate programs. These students achieved a strong performance, receiving offers from highly-ranked institutions featured in the US News & QS World University Rankings list. Many students received offers from multiple schools on this list. In particular, eight students were admitted to Ivy League schools - three for undergraduate programs and five for master's programs. Additionally, over 60 students were offered admission to G5 universities.

The tables presented in the following pages provide an overview of the admission results for GEC students, including their acceptance to highly-ranked universities and colleges. These include the 2023 Admissions Results for US News Top 50 Universities, 2023 Admissions Results for Top Liberal Arts Colleges, 2023 Admissions Results for QS Top 50 Universities in the UK, and 2023 Admissions Results for QS Top 50 Universities in Other Countries and Regions. [If you are interested in learning about the admission results of your own students, please do not hesitate to contact us, as we would be delighted to update this list as admissions decisions are released.](#)

GEC General Admission Results

	Number of Acceptance from US universities	Number of Acceptance from UK universities	Number of Acceptance from universities in other countries and regions	Total
Graduate Program	408	415	198	1021
Undergraduate Program	219	194	52	465
Total	627	609	250	1486

2023 Admissions Results for US News Top 50 Universities

University	Number of Acceptance (Graduate Program)	Number of Acceptance (Undergraduate Program)
Massachusetts Institute of Technology	-	1
Stanford University	-	2
Princeton University	1	-
Yale University	1	-
University of Chicago	3	-
University of Pennsylvania	3	2
Johns Hopkins University	11	3
California Institute of Technology	1	-
Duke University	3	1
Vanderbilt University	1	-
Rice University	4	-
Northwestern University	3	-
Brown University	1	-
Washington University in St. Louis	3	8
Cornell University	3	3
Columbia University	9	2
Carnegie Mellon University	5	6
University of Notre Dame	-	1
University of California, Berkeley	-	2
University of California, Los Angeles	-	1
Emory University	3	5
Georgetown University	2	-
New York University	7	25
University of Michigan, Ann Arbor	-	1
University of North Carolina at Chapel Hill	2	1
Boston University	1	3
University of Illinois at Urbana-Champaign	1	2
University of Southern California	-	5
University of Virginia	-	3
University of Georgia	1	-
Brandeis University	-	2
Case Western Reserve University	-	1
Ohio State University	-	1
Wake Forest University	-	2
University of Rochester	-	3
University of California, Davis	-	1
University of Wisconsin-Madison	-	1
Rhode Island School of Design	1	1

2023 Admissions Results for Top Liberal Arts Colleges

University	Number of Acceptance
Smith College	1
Vassar College	1
Colgate University	2
Wesleyan University	2

2023 Admissions Results for QS Top 50 Universities in the UK

University	Number of Acceptance (Graduate Program)	Number of Acceptance (Undergraduate Program)
University of Cambridge	1	19
University of Oxford	2	9
Imperial College London	11	8
University College London	8	4
London School of Economics and Political Science	5	2
University of Edinburgh	4	2
University of Manchester	2	7
King's College London	2	2
University of Bristol	2	1
University of Warwick	2	5
University of Leeds	2	-
University of Southampton	-	1
University of Glasgow	-	1
University of Birmingham	-	1
University of Sheffield	-	1
Loughborough University	1	1

2023 Admissions Results for QS Top 50 Universities in the Other Countries and Regions

University	Number of Acceptance (Graduate Program)	Number of Acceptance (Undergraduate Program)
National University of Singapore	10	-
Nanyang Technological University	4	-
University of Hong Kong	14	10
McGill University	2	2
University of Toronto	1	3
Chinese University of Hong Kong	9	-
Hong Kong University of Science and Technology	5	-
University of British Columbia	1	1
City University of Hong Kong	4	-
Hong Kong Polytechnic University	8	-
Hong Kong Baptist University	2	-
Singapore Management University	1	-
University of Alberta	1	-
University of Macau	1	-
Western University	-	1
McMaster University	-	1
Queen's University	-	1
Swiss Hotel Management School in Lausanne	-	1

Recap of 2023 April Faculty Meeting on the On-site Summer Research Program

On April 27th, GEC Academy held an information session during the April Faculty Meeting for approximately 30 professors who had expressed interest in the upcoming 2023 GEC On-site Summer Research Program. Mr. Sheng Yan, President of GEC Academy, presented important details on program arrangements, available support, and useful tips for the attending professors. In addition to Mr. Yan's presentation, two members of GEC's teaching faculty, Professors David Shimko from New York University and Professor Pavlos Protopapas shared their personal experiences at GEC's on-site camps. Their insights proved to be valuable in providing the attending professors with a clear understanding of what they could expect during their stay in China.

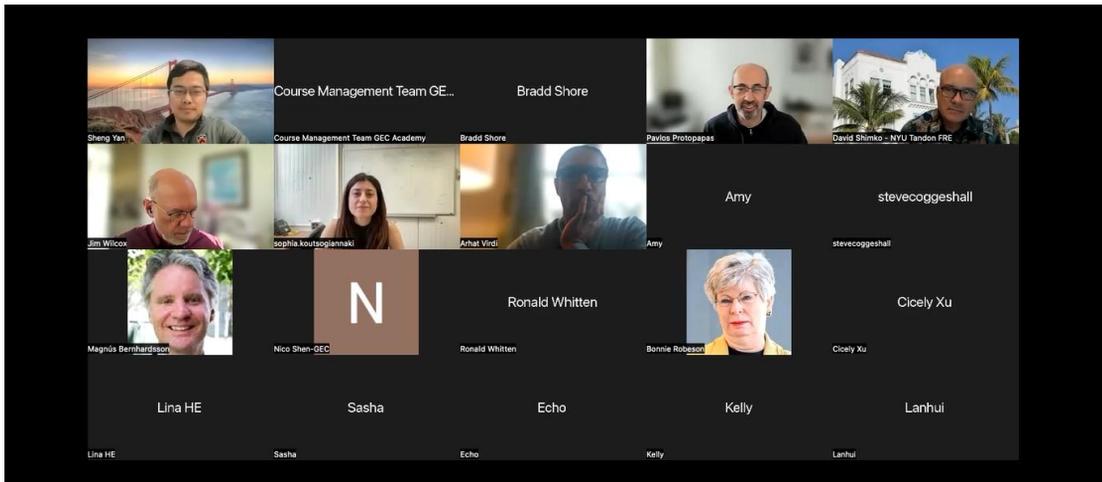


The 2023 Summer Research Program will mark the return of on-site summer camps after the pandemic outbreak. For the past three years, all professors have conducted their teaching virtually. Therefore, we are thrilled to bring the on-site camp back in person for this event, which also presents a great opportunity for us to meet GEC's teaching faculty face-to-face and offers an unforgettable learning experience for students. The Summer Research Program will take place across four campuses: Shanghai Jiao Tong University in China, Cambridge campus and Oxford campus in the UK, and Columbia campus in the US. Over 40 professors have committed to joining the program, and more than 800 students are enrolled to participate in GEC's Biggest Summer School Campaign at Shanghai Jiao Tong University in China. Topics covered during the Summer Research Program include business & finance, science & engineering, computer science & AI, and humanities & social sciences.

Arrangements for the Summer Research Program

- **July 8th & 15th:** Two online courses
- **July 23rd:** Professors suggested to arrive on campus
- **July 24th & 25th:** ICAID & opening ceremony
- **July 25th afternoon:** Program officially starts!
- **August 4th:** Camp closing ceremony

Recap of 2023 April Faculty Meeting on the On-site Summer Research Program



By the end of the meeting, Professors Shimko and Professor Protopapas shared their experiences at GEC's on-site camps. They talked about how impressed they were by the staff of GEC Academy and Chinese students, what they did and learned during their stay in China, and offered tips for professors. [Professor Shimko](#) said, "I have been collaborating with GEC Academy for many years. I was really surprised by the quality of the students in general. Chinese students are typically used to very formal classroom settings, so this is an opportunity for them to have less formal and more productive learning sessions. From that point of view, I found it to be very positive. [My favorite part is that we can go out to dinner for a casual local meal with the students, form personal relationships, stay in contact, and the students may become young friends for you over time. There is also a great spot called French Concession to visit in Shanghai, full of historical meaning. Besides, I learned quite a bit of Chinese, being able to read street signs and give people directions.](#)"

[Professor Protopapas](#) added, "I know GEC Academy grew from small to big. They are well-organized and take good care of things. My first comment is about the students who are hard-working. They consistently surprise me with how much progress they make and how well they do. Additionally, [it gives me the opportunity to make friends with the students, go out for a drink, and play basketball with them. I also took the opportunity to visit Chengdu and Xi'an to see Terracotta. I cannot say a single word in Chinese, but I tried everything when I was there, and I'm looking forward to seeing Shanghai. A little bit of warning is that you have to figure out how to use WeChat Pay because you have to pay for everything with it.](#)"

In addition to the Summer Research Program, GEC will co-host the International Conference on AI for Design (ICAID) on July 24th with the Institute of Electrical and Electronics Engineers (IEEE). The summit aims to integrate science and technology subjects with literature and business subjects, bringing together professors from renowned universities in China and abroad, as well as experts and scholars from various industries. [We warmly welcome interested teaching faculty to participate in this summit, which provides an excellent opportunity for networking and exchanging ideas with professionals in different fields.](#)

If you have further questions, thoughts, or ideas about this program or ICAID, please feel free to contact your academic manager. For new professors, please feel free to contact our outreach specialist Katrina at katrina.wang@gecademy.com. Click [HERE](#) to access last month's faculty meeting recording.

Faculty Work Gallery

This month we introduced a book - [White Sight: Visual Politics and Practices of Whiteness](#) from Professor Nicholas Mirzoeff. If you are interested in showcasing your research, grants, book releases, conference presentations, or any work you deem valuable and interesting to share, please feel free to contact us.

White Sight: Visual Politics and Practices of Whiteness



BOOK EVENT

White Sight

Conversation and Book Signing
with Nicholas Mirzoeff, Omar
Berrada, and Nicole Fleetwood

Wednesday, March 7, 2023
6:30 PM - 8:30 PM ET

 Magnum
Foundation



Image - Getty Images

Author Information

[Nicholas Mirzoeff](#)

Professor of Media, Culture, and Communication
New York University

About the book

White supremacy is not only perpetuated by laws and police but also by visual culture and distinctive ways of seeing. Nicholas Mirzoeff argues that this form of “white sight” has a history. By understanding that white sight was not always common practice, we can devise better ways to dismantle it. Spanning centuries across this wide-ranging text, Mirzoeff connects Renaissance innovations—from the invention of perspective and the erection of Apollo statues as monuments to (white) beauty and power to the rise of racial capitalism dependent on slave labor—with ever-expanding surveillance technologies to show that white sight creates an oppressively racializing world, in which subjects who do not appear as white are under constant threat of violence. Analyzing recent events like the Black Lives Matter protests following the murder of George Floyd and the Central Park bird watching incident, Mirzoeff shows that we are experiencing a general crisis of white supremacy that presents both opportunities for and threats to social justice. If this moment is not taken to dismantle white sight, then white supremacy might surge back stronger than ever. To that end, he highlights activist interventions to strike the power of the white heteropatriarchal gaze. *White Sight* is a call to action for anyone who refuses to continue to live under white-dominated systems.

Please click [HERE](#) to find more information.

GEC CULTURE

GEC Visiting Team Finished the First Campus Tour in the US!

In March and April 2023, Edison Yan, President of GEC Academy, and Wendy Wang, Director of GEC Academy's Teaching and Research Department, led a visiting team to the United States for a one-month visiting tour to meet with some of GEC Academy's collaborating faculty and friends the first time after the pandemic.

The GEC visiting team conducted visits to around 70 professors in world-renowned universities. From March 27th to April 5th, Edison Yan and Tracy Zhou arrived at the west coast, and visited professors at the University of California, Los Angeles, the University of California, Berkeley, the University of Southern California, Stanford University, and other universities on the west coast of the United States. After that, between April 5th and April 23rd, Wendy and Erica Sun joined the visiting team in New York and toured the east coast, visiting GEC Academy's collaborating faculty at Yale University, Columbia University, Massachusetts Institute of Technology, New York University, Johns Hopkins University, University of Pennsylvania, Brown University, Carnegie Mellon University, etc.

There were two primary purposes for this visit. The first is to visit [GEC's long-term partners and faculty](#), many of whom we haven't met since the pandemic. And the second one is to [deliver invitation letters to professors participating in the 2023 Summer Onsite Research Programs](#).

During the tour, the visiting team and the professors had pleasant conversations and in-depth exchanges on the professors' academic development, cooperation experience with GEC Academy, course design ideas, feedback on participating in faculty meetings, information on the 2023 Summer Research Program, visa, etc.

Due to time constraints, during the first campus tour in the US, the GEC visiting team was only able to visit some of the GEC collaborating faculty. In the near future, we will regularly conduct such global visiting tours. Please stay tuned and we are very excited to meet all of our faculty, especially whom our team did not get the chance to meet yet!



Photos are displayed and sorted alphabetically by the first letter of the professor's name.



GEC Visiting Team's Selfie with Professor Seth Freeman



Invitation letter for GEC's 2023 Summer Research Program

Introducing New Faces

We're pleased to welcome 2 new faces to the GEC team - **Qiuxiang & Qingqing!**



Qiuxiang (Sandra) Zhu
sandra.zhu@gecacademy.com

01 Educational background:

Bachelor of International Economics, Heilongjiang University of Science and Technology, 2014-2018

02 What are your current duties?

I serve as Course Coordinator at GEC Academy. As the Course Coordinator at GEC Academy, my responsibilities entail overseeing the entire project to ensure its smooth completion. This involves communicating with both students and professors before the program commences, following up with students during the project to ensure their progress, and sending them their results after the project is completed. Additionally, I aim to establish effective communication with professors and maintain a high level of professionalism throughout the project.

03 What made you choose GEC Academy?

GEC's industry-leading professionalism and welcoming work environment are what drew me to this organization. By joining this supportive team, I am dedicated to assisting more students in enhancing their academic achievements.

04 What are your specialisms and interests?

My strength lies in effective communication and problem-solving. I have a natural ability to empathize with others and quickly provide solutions to assist students. In addition, my optimistic outlook allows me to bring positive energy and happiness to those around me.

01 Educational background:

Master of Translation and Interpreting, University of Science and Technology Beijing

02 What are your current duties?

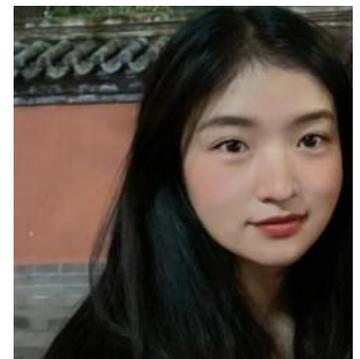
My current duties involve some translation and writing work at the academic branding team.

03 What made you choose GEC Academy?

GEC Academy is a great platform with tremendous potential. It enables me to put what I learn into practice and make progress as much as possible. Besides, what attracts me to the company is its nice and positive working atmosphere and the chance to communicate with smart people.

04 What are your specialisms and interests?

Playing badminton.



Qingqing (Kelly) Shi
qingqing.shi@gecacademy.cn



Hainan Releases Plan to Attract Foreign Universities

Foreign higher education institutions and those from the Hong Kong and Macao special administrative regions and Taiwan will be permitted to independently set up and run universities and higher vocational schools in the Hainan Free Trade Zone, according to a recently released plan, marking another important step in opening up China's education system.

Click [HERE](#) to read the full story!

LATEST NEWS OF CHINA EDUCATION

More than 52,000 college graduates to be hired as teachers in rural areas



China plans to hire 52,300 college graduates this year to work as primary and middle school teachers at under-developed rural areas in central and western regions, a notice said on Tuesday. The notice, issued by the Ministry of Education and Ministry of Finance, said the special recruitment effort is expected to improve the teaching quality in rural schools and increase the number of teachers in subjects such as physical education, foreign languages, science and art.

Click [HERE](#) to read the full story!

AMAZING WORK FROM GEC STUDENTS

Each month, GEC will introduce some of our exceptional students' work in a specific research area to our audiences. This month we selected two articles from our previous students in the field of **Biosensing Technology**.

Recent Advances in DNA Biosensors

Traditional DNA sequencing technologies are complicated and expensive, which greatly hinders its application. With the development of DNA biosensors, different biosensors based on different mechanisms have been put into use in DNA sequencing, biomacromolecule detecting and many other fields. In this review, three different kinds of biosensing methods including solid-state nanopores, fluorescent biosensors and electrochemical biosensors, will be given respectively. Specifically, their advantages, mechanism, applications and existing problems are discussed in detail. And also, prospects for future development will be outlined in this paper.

Click [HERE](#) to read the full text!



Application of Different Approaches to Increase the Sensitivity of Electrochemiluminescence Biosensor for MicroRNA Detection

The detection of microRNA is growing in a hotpot using electrochemiluminescence (ECL) biosensors. The mechanism of ECL biosensors can be divided into three parts, which are the ion annihilation process, co-reactant process, and hot electron-induced cathodic process. Based on such mechanism, the approaches to increase the sensitivity of ECL biosensors, including catalyzed hairpin assembly, hybridization chain reaction, and nitrogen-doped carbon quantum dots have been introduced. ECL-based biosensing is a novel detection method, allowing it to present broad applications in diverse fields of biochemistry.

Click [HERE](#) to read the full text!

WHAT PROGRAMS DOES GEC OFFER IN May 2023 SEMESTER?

In May, GEC launches a total of 95 online research programs in the areas of Finance, Marketing, Economics, Computer Science, Artificial Intelligence, Mechanic Engineering, Civil Engineering, Chemistry, Biology, International Relations, Linguistics, and so on, and provides 1 personalized program for China Medical University. In this month, GEC also set up 2 customized lectures for Zhejiang Chinese Medicine University. We will continue to gather students, faculty, and staff for an unrivaled academic experience.

The tables

[GEC 2023 May Program List,](#)

[GEC Personalized Programs for Universities,](#)

[GEC Customized Lectures for Universities in May 2023](#)

show detailed information about the programs that GEC launches in May.

Please click [HERE](#) to find previous program/course offerings.

Newsletter Improvement Survey

We would love to hear your thoughts or feedback on how we can improve your experience with our newsletter.

For your convenience, please click [HERE](#) to fill out the survey link.

GEC Academy

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