

FEATURED STORY

ICDS 2024 - GEC Technical Sponsorship Conference to Shine in Shanghai This August!



The 2nd International Conference on Design Science (ICDS 2024), technically sponsored by GEC Academy and IEEE Shanghai Section, is poised to light up Shanghai from August 2nd to 4th. This three-day event will bring together global scholars, experts, and industry professionals to delve into the latest advancements in Design Science. Hosted at the State Key Laboratory of Mechanical System and Vibration, School of Mechanical Engineering at Shanghai Jiao Tong University, ICDS 2024 is supported by the SJTU-GEC Academy Center for Innovative Design for Interdisciplinary Studies, the Shanghai Society for Modern Design Theory and Methodology Research, and the Xie Youbai Design Science Research Foundation.

Since last year, GEC has taken immense pride in its role as a technical sponsor for a diverse array of international academic conferences, with a vision entailing both promoting interdisciplinary cooperation and nurturing an inclusive, collaborative educational environment that extends its benefits beyond the scientific community to society at large. Therefore, following the success of ICDS 2023, this year’s conference will highlight the integration of transformative technologies such as big data, digital twins, and artificial intelligence into design science. [Topics slated for discussion include Agile Design, Fuzzy Logic in Design, Data-centric Design Approaches, Enhancements in Design through Digital Twins, Pedagogies in Design Education, Principles of Engineering Design, Biomimicry in Design, Leveraging AI in Design Processes, etc.](#)



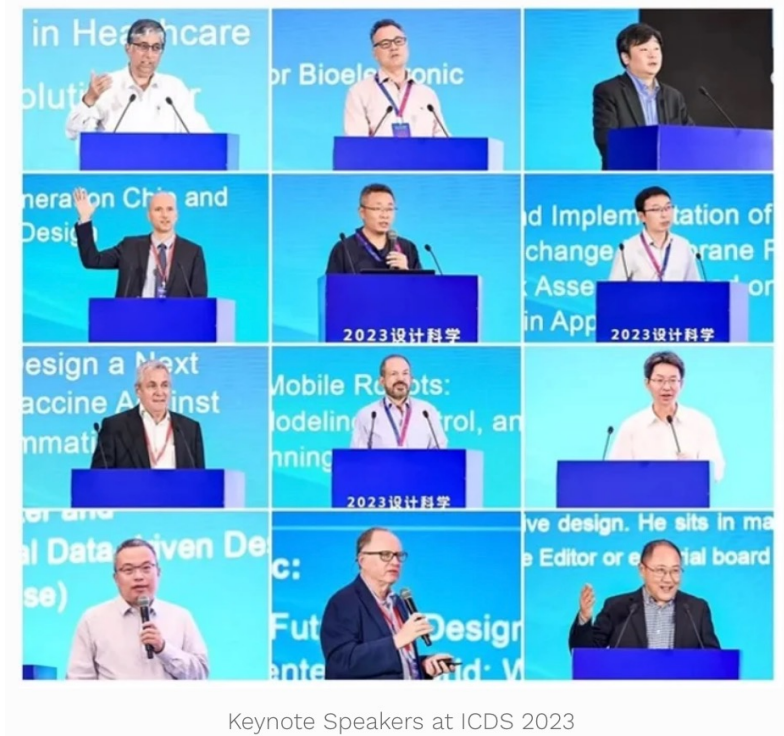
A Glimpse into ICDS 2023



A Glimpse into ICDS 2023

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The 2024 agenda will emphasize the crucial role of design models and methodologies in today's technological landscape. It will provide a premier platform for scholars, innovators, and industry leaders to showcase their latest findings, discuss innovative solutions, and foster collaborations. One of the distinguished keynote speakers, Prof. Soumya Kar, Buhl Professor of Electrical and Computer Engineering at Carnegie Mellon University and a dedicated GEC teaching faculty member, will offer insights into the future of design science. We are enthusiastic about extending invitations to more of our esteemed GEC faculty members and teaching fellows, encouraging your active involvement as committee members or innovative speakers.



For more details about the conference, please visit the official ICDS 2024 website [HERE!](#)

- **For GEC Faculty and Teaching Fellow**

If you would like to share your invaluable insights regarding design science with event participants, or if you are interested in becoming a committee member or keynote speaker, we would be delighted to hear from you. Please feel free to contact us at your earliest convenience.

If you are interested in our other GEC Technical Sponsorship Conferences, please stay tuned to the “Join Us at GEC Technical Sponsorship Conferences” section in the GEC Monthly Newsletter or visit the GEC Technical Sponsorship Conferences website [HERE](#) for the latest event information.

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GEC 2024 College Admissions Results (Updated in May 1st, 2024)

We are more than proud to announce the exceptional results of the 2024 college admissions process. This year, our students have once again demonstrated their academic excellence and commitment, securing placements at some of the world's most prestigious universities in the US and UK, including Massachusetts Institute of Technology, Stanford University, University of Pennsylvania, Yale University, University of Cambridge, University of Oxford, Imperial College London, The London School of Economics and Political Science and more. And we would like to extend our deepest gratitude to all GEC teaching faculty members who have gone above and beyond to provide personalized guidance and rigorous academic preparation and played a pivotal role in this achievement. Your commitment to fostering a nurturing and intellectually stimulating environment has been instrumental in every student's success.

[\(Please note that the statistics that follow are derived from feedback provided by students and may not be representative of the overall results of student admissions.\)](#) Based on feedback from students, we have collected data indicating that in 2024, GEC students received approximately 772 offers, including 484 for master's programs and 288 for undergraduate programs. These students achieved strong performance, receiving offers from highly ranked institutions featured in the US News & QS World University Rankings. Many students received offers from multiple schools on this list.

In particular, 55 students (comprising 11% of those applying to U.S. institutions) were admitted to Ivy League schools - 3 for undergraduate programs and 52 for master's programs. Additionally, 71 students (comprising approximately 40% of those applying to UK institutions) were offered admission to G5 universities.

The tables presented below provide an overview of the admission results for GEC students, including their acceptance to highly ranked universities and colleges. These include the 2024 Admissions Results for US News Top 50 Universities, 2024 Admissions Results for Top Liberal Arts Colleges, 2024 Admissions Results for QS Top 50 Universities in the UK, and 2024 Admissions Results for QS Top 50 Universities in Other Countries and Regions.

[If you're interested in the admission results of your own students, please feel free to contact us and we are very pleased 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	312	105	67	484
Undergraduate Program	179	75	34	288
Total	491	180	101	772

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2024 Admissions Results for US News Top 50 Universities

University	Number of Acceptance (Graduate Program)	Number of Acceptance (Undergraduate Program)
Massachusetts Institute of Technology	1	1
Stanford University	3	1
Yale University	4	-
University of Pennsylvania	14	1
Duke University	7	-
Brown University	1	1
Johns Hopkins University	42	-
Northwestern University	5	-
University of Chicago	8	2
Cornell University	5	-
Columbia University	28	-
University of California, Berkeley	4	-
University of California, Los Angeles	8	-
Rice University	1	3
Mendoza College of Business, University of Notre Dame	1	-
University of Michigan, Ann Arbor	14	-
Georgetown University	8	-
University of North Carolina at Chapel Hill	1	-
University of Washington	4	-
Washington University in St. Louis	17	-
Vanderbilt University	1	1
Carnegie Mellon University	9	-
Emory University	1	2
University of Virginia	1	-
University of Florida	5	-
University of Southern California	16	-
New York University	31	12
University of California, San Diego	13	-
University of California, Davis	2	-
University of California, Irvine	1	-
Georgia Institute of Technology	2	-
University of Wisconsin-Madison	2	-
University of Illinois at Urbana-Champaign	7	-
Boston College	2	-
Tufts University	1	-
Boston University	13	6
Ohio State University	2	-
University of Maryland, College Park	1	-
Lehigh University	1	2
University of Georgia	1	-
Virginia Polytechnic Institute and State University	1	-

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2024 Admissions Results for Top Liberal Arts Colleges

University	Number of Acceptance
Swarthmore College	1
Barnard College	1
Grinnell College	1
Wesleyan University	1
Davidson College	1
Macalester College	2
Occidental College	2
Colgate University	1

2024 Admissions Results for QS Top 50 Universities in the UK

University	Number of Acceptance (Graduate Program)	Number of Acceptance (Undergraduate Program)
University of Cambridge	3	1
University of Oxford	2	3
Imperial College London	12	2
University College London	34	11
London School of Economics and Political Science	1	2
University of Edinburgh	9	4
University of Manchester	11	16
King's College London	8	8

2024 Admissions Results for OS Top 50 Universities in the Other Countries and Regions

University	Number of Acceptance (Graduate Program)	Number of Acceptance (Undergraduate Program)
National University of Singapore	7	-
University of Melbourne	3	5
University of Sydney	8	1
University of New South Wales	1	-
University of Toronto	-	11
Nanyang Technological University	7	-
University of Hong Kong	14	9
McGill University	-	1
University of Queensland	1	-
Chinese University of Hong Kong	5	2

**For our next GEC Global Scientists Forum:
Single-Particle Cryo-EM — Visualizing the Building Blocks of Life in Their Native States**



Joachim Frank

Research Interest

[Structural Biology, Biophysics, Chemical Biology and Biochemistry](#)

Professional Memberships & Awards

[American Academy of Arts & Science Member](#)

[National Academy of Sciences Member](#)

[2017 Nobel Prize in Chemistry](#)



Join us on **May 17th, 20:00-21:00, Beijing Time** via [Zoom](#) (Meeting ID: 896 4673 8528; Passcode: 240517) for an enlightening open lecture by **Professor Joachim Frank, Nobel Laureate and Professor of Biochemistry and Molecular Biophysics and Biological Sciences at Columbia University.**

In this lecture, Professor Frank will focus on the revolutionary impact of cryo-EM on the study of biological molecules, helping us better understand how cryo-EM enables researchers to determine the structure of molecules in solution and observe their shape changes during cellular interactions. With the development of new cameras, cryo-EM has achieved near-atomic resolution for many biomedical molecules, including ion channels and receptors. Professor Frank will also highlight the significant contributions of cryo-EM to the development of vaccines and treatments for COVID-19.

Click [HERE](#) to view the previous open lectures at the Global Top Scientists Forum!

Faculty Work Gallery

*This month we introduced a **book** edited by **Professor Edward C. Chang**. 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.*

Substance Use Disorders in Underserved Ethnic and Racial Groups



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Substance Use Disorders in Underserved Ethnic and Racial Groups
Using Diversity to Help Individuals Thrive

Edited by [Christina A. Downey](#) and [Edward C. Chang](#)

Publication date: February 2024



Edited by Christina A. Downey and [Edward C. Chang](#), Professor of Psychology in College of Literature, Science, and the Arts and Professor of Social Work in School of Social Work, University of Michigan. In 2023, Prof. Chang was listed in [the world's top 2% of scientists](#) by faculty from Stanford University and analytics company Elsevier, determined by citation metrics.

Overview:

This book examines substance use disorders among individuals and communities of color and offers assessment, treatment, and prevention strategies for supporting and empowering individuals within their cultural contexts.

It explores the unique histories and substance use trends within Black/African American, Latino/Latina/Latinx/Hispanic, Asian American/Pacific Islander, and American Indian/Alaska Native communities. This includes the role of intergenerational trauma and the enduring impacts of colonialism, slavery, and systemic oppression, as well modern injustices and inequities in mental health and medical treatment, criminal justice, and other institutions.

Expert contributors draw upon their extensive experiences working in these communities to establish evidence-based recommendations for culturally competent care. They explore common challenges with assessment and treatment, including the limitations of established models that fail to properly account for cultural factors. They offer culturally bound solutions that enable mental health professionals to better help individuals and communities while respecting their unique intersectional identities and values.

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

GEC CULTURE

GEC Academy's Sponsorship Ignites Excitement at Budapest Blazing University Handball Championship 2024

On May 8th, 2024, the GEC Budapest University Handball Championship, proudly sponsored by GEC Academy, concluded with great success. As the event's exclusive sponsor, GEC Academy provided prize sponsorship to celebrate the spirit of sportsmanship and excellence that defined this championship. The competition saw participation from eight teams across five Hungarian partnership universities: four men's teams and four women's teams from Budapest University of Technology and Economics (BME), Eötvös Loránd University (ELTE), John von Neumann University (NJE), Óbuda University (ÓE), and Semmelweis University (SOTE). A total of 183 players, comprising 94 women and 89 men, registered for the event. By supporting such events, we aim to foster both competitive and cooperative spirits among the youth, highlighting the integral role of sports in their growth, as well as trying to promote communication and interaction among young people.



ELTE Male Team with Their Trophy and Prize



ELTE Female Team with Their Trophy and Prize

Supported by the sponsorship from GEC, teams were able to participate in the championship free of charge, with the top-performing teams receiving cash prizes. The men's and women's champion teams shared a total prize pool of €500, with an additional €100 awarded for individual contributions. In the men's competition, ELTE clinched the top spot, followed by SE, NJE, and ÓE. Almássy Máté from ELTE was named the top scorer. In the women's competition, ELTE once again emerged victorious, with BME coming in second, NJE in third, and SE in fourth. The standout top scorer, Gólkirálynő, was Sándor Petra from ELTE.

GEC CULTURE



Group Photo at the Award Ceremony



Spirited Female Players Celebrating with Joy

After the championship concluded, we had the opportunity to interview some of the players. “It’s really cool! GEC Academy organized this championship well and it’s truly remarkable how they’ve raised funds to ensure top-notch equipment and resources, allowing teams to compete without worries,” exclaimed Andrea Mészáros, the captain of Team Semmelweis University, as she relished the thrilling sports event. Kiss Szonja, the vigilant goalkeeper of team ELTE, shared her delight, saying, “The cooperation we experienced was priceless, and through this championship, the handball game got popularized, so I am really looking forward to participating in more matches like this!” To hear more from the players, please view the video [HERE](#) at YouTube.



As a steadfast supporter of youth development, GEC Academy has always been committed to nurturing talent not only in scientific and academic research but also in promoting healthy growth and mental well-being. We will continue our efforts to support these aspects, recognizing the importance of a holistic approach to education and personal development. Through enduring partnerships with domestic and international universities and a renewed commitment to excellence in sport, education, and beyond, we are looking forward to empowering the next generation of leaders and achievers.

Introducing New Faces

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



Yuntong LI (Tone)
yuntong.li@gecacademy.cn

01 Educational background:

Bachelor of Business Administration,
Marketing, Northern Arizona University

02 What are your current duties?

I'm currently working on outreach
professors and PhD students for our
online, on-site, and 1v1 programs.

03 What made you choose GEC Academy?

The primary reason for choosing GEC is that it is a leading institution within the industry. GEC's projects are characterized by sophisticated designs and mature implementations, which significantly enhance work efficiency. Additionally, this environment offers extensive opportunities for professional development and learning during my tenure.

04 What are your specialisms and interests?

During my studies abroad, I developed a fondness for road trips, often driving to nearby locales to appreciate the scenery during vacations. On weekends, I enjoy go-karting and exploring diverse foods. If I were to highlight a particular talent, it would be my remarkable capacity for enjoying a generous amount of food.

Introducing New Faces

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

01 Educational background:

Master of Arts in Digital Asset and Media Management, King's College London

02 What are your current duties?

As a Brand Specialist at GEC Academy, I oversee video creativity, new media strategies, and activity planning to enhance our brand presence and engagement. My role involves conceptualizing and producing compelling video content, managing social media channels, and designing engaging activities to promote brand awareness. By implementing innovative strategies and fostering community engagement, I aim to elevate the GEC Academy brand and drive positive brand perception.



Chong WANG (Lukas)
chong.wang@gecacademy.cn

03 What made you choose GEC Academy?

I was drawn to GEC Academy by its unique offerings, including the opportunity for communication with esteemed professors, the warm and collaborative atmosphere among colleagues and so on. GEC Academy's vision for a bright future, coupled with its commitment to innovation and talent development, resonated deeply with my aspirations. It's a place where I feel inspired to contribute my skills and expertise, knowing that my efforts will be valued and supported.

04 What are your specialisms and interests?

My expertise lies in media creativity and language learning. I thrive on exploring new perspectives within media formats and extracting valuable insights. Additionally, I have a profound interest in learning new languages and delving into the cultural intricacies they embody. Beyond my professional pursuits, I find joy in traveling and capturing moments through photography. Reviewing the photos I've taken from my travels around the world brings me immense satisfaction, allowing me to relive cherished experiences and discover new perspectives.

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 **Public Health**.

Pneumoconiosis and Silicosis: Recent Trend and Public Health Responses

This essay delves into the present diagnostic and treatment measures for pneumoconiosis, its prevention strategies, worldwide trends, and the existing policies from governmental and private entities, highlighting areas for enhancement. The global resurgence of pneumoconiosis underscores the pressing need for a thorough reassessment of workplace regulations and the creation of novel standards tailored to emergent industries. Comprehensive research aimed at identifying air pollutants and associated risks in new industry workspaces is imperative...

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



CRISPR Technology in Infectious Disease Management: Principles, Applications, and Future Challenges with Emphasis on SARS-CoV-2, HIV, and HBV

CRISPR-Cas can target multiple regions, exhibiting stronger catalytic activity compared to other gene editing methods. At present, it has been widely used in the diagnosis and treatment of viral diseases. Therefore, understanding the principles of CRISPR-Cas technologies and identifying their potential applications in viral diseases is of great significance. This paper reviews the principles of this technology and its current applications in three aspects, COVID-19, HIV, and HBV. Additionally, this paper summarizes the difficulty in applying CRISPR-Cas technology and future expectations...

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

Join Us at GEC Technical Sponsorship Conferences: Open Calling for Committee Members & Speakers



Since 2023, GEC Academy has taken immense pride in its role as a technical sponsor for a diverse array of international academic conferences, with a vision entailing both promoting interdisciplinary cooperation and nurturing an inclusive, collaborative educational environment that extends its benefits beyond the scientific community to society at large. **Hence, we are enthusiastic about extending invitations to more of our esteemed GEC Faculty members and Teaching Fellows, encouraging your active involvement as committee members or innovative speakers and storytellers**, who are passionate about sharing innovative ideas with the brightest minds, providing enriching insights, offering innovative experiences, and sharing real-world examples, among other valuable contributions to GEC technical sponsorship conferences.

We are thrilled to hear from our GEC faculty members, teaching fellows, teaching assistants (PhD holders), and scholars whose expertise aligns with conference themes and interdisciplinary intersections below. Please feel free to send your CVs, resumes, bibliographies, or personal links to the specific conference contact email for detailed information. For experts and scholars seeking technical sponsorship, who are passionate about initiating international conferences, and wish to contribute to global academic exchange, please do not hesitate to contact us at conference@gecacademy.com.

Upcoming Conferences

For May, we have one technical sponsorship conference covering Applied Psychology, Business & Management, Economics & Policy, and beyond.

- May 17, 2024, Singapore
- 2024 International Conference on Applied Psychology and Marketing Management
- The 2024 International Conference on Applied Psychology and Marketing Management will be held in Singapore during May 17, 2024. It is a not-to-be-missed opportunity that distills the most current knowledge on a rapidly advancing discipline in one conference. Join key researchers and established professionals in the field of psychology and management as they assess the current state-of-the-art and roadmap crucial areas for future research. The conference aims to build an idea-communication platform for the purpose of encouraging researchers to participate in this event.

Please click [HERE](#) to explore these exciting upcoming events!

WHAT PROGRAMS DOES GEC OFFER IN MAY 2024 SEMESTER?

In May, GEC launches a total of 58 online research programs in the areas of Finance, Marketing, Economics, Computer Science, Neuroscience, Electrical Engineering, Energy Engineering, Mathematics, Biostatistics and so on, partners with Shanghai Jiao Tong University to develop students' global competence through the GEC Global Competence Development Course. This month, GEC also provides 9 personalized programs for Chongqing University of Education, and Hubei University of Technology and sets up 4 customized lectures for South China University of Technology and Southwestern University of Finance and Economics. We will continue to gather students, faculty, and staff for an unrivaled academic experience.

The tables

[GEC 2024 May Program List,](#)

[Universities offering GEC Global Competence Courses in May,](#)

[GEC Personalized Programs for Universities in May 2024,](#)

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

shows 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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