

# 2022-23 ANNUAL REPORT



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# About UChicago Global

## **Mission Statement**

UChicago Global advances the University's strategic priorities abroad and creates opportunities for global partnership.

## How we support the UChicago community

## Thought partners

We share best practices, address operational barriers, and connect you to resources to develop and amplify your international initiatives.

### **Global locations**

We meet the needs of faculty, students, and staff, engage local communities, and build relationships with key regional partners through the Centers in Beijing and Delhi and the campus in Hong Kong, and in coordination with the University's other global locations

## Institutional partnerships

We support partnerships with institutions abroad to facilitate mobility, joint programs, fellowships, and other programs & activities.

## Seed funding

We offer seed funding for faculty-led collaborative international research and academic activities around the world.

## Leadership Notes

### Dear friends.



ideas across institutions and frontiers.

Now more than ever, international cooperation is embedded across all areas of an engaged university's work. The world's most pressing issues, such as climate change and democracy, find a variety of expressions across different

cultural, political, and ecological contexts. Likewise, the innovations that will shape the future, such as quantum information science and new energy technologies, convene enormous groups of contributors from around the world to develop infrastructure at scale and build a body of work that addresses complex questions. To all of this we must add the lens of thoughtful, rigorous analysis of ideas and issues from many perspectives.

I am proud of UChicago Global's contributions toward this global model of social and scientific engagement for the university, and I look forward to seeing their results in the coming year.

Juan de Pablo Executive Vice President for Science, Innovation, National Laboratories, & Global Initiatives

## Leadership in 2022-23



Juan de Pablo Executive Vice President for Science, Innovation, National Laboratories, & Global Initiatives



**Michael Millis** Faculty Director, Center in Beijing Dept. of Surgery



Dipesh

Chakrabarty

Faculty Director,

Center in Delhi

Dept. of History



Faculty Director, Yuen Campus in Hong Kong Dept. of History



Kenneth Pomeranz Young-Kee Kim



Dept. of Physics

Zening Ge Executive Director.



Leni Chaudhuri Executive Director.

Center in Delhi



Mark Barnekow

Executive Director. Yuen Campus in Hong Kong



In 2023-24, we will focus our efforts around core strategic priorities of diversifying regional engagement, exploring new models of collaboration, executing global communications strategies, supporting university research priorities, facilitating funding for international partnerships, and maintaining operational excellence. We will also celebrate two key anniversaries - the tenth anniversary of the Center in Delhi and the fifth anniversary of our campus in Hong Kong.

We hope that you will connect with us to identify areas where we can support your important international work.



Katie Hrinyak Associate Vice President, Global Initiatives & Strategy



Katie Hrinyak

Associate Vice President, Global Initiatives &

Strategy

UChicago Global has had many accomplishments to celebrate in the past academic year. In addition to the rapidly growing volume of interest in international projects, many of the initiatives featured in this report represent the culmination of multiple years' worth of efforts and investments by the Global team, as well as internal and external partners. Examples include the new joint center with CNRS (see page 8) and the launch of University-wide seed funding mechanisms focused on sub-Saharan Africa (see page 9). It is deeply rewarding to see these important initiatives come to fruition and to observe the enthusiasm expressed by our students, faculty, and staff for these foundational partnerships that enable the exchange of people and

UChicago Global was busier than ever this year as international travel, research, exchanges, and other activities in our community made up for lost time during the pandemic and a rapidly-changing geopolitical landscape shifted many priorities in real time. We anticipate that the coming year will be even more full of opportunities, especially from areas of the world where we have traditionally been less engaged.

## 2022-23 Global Faculty Committees

## **Beijing Faculty Steering Committee**

J. Michael Millis | Surgery (chair) Shadi Bartsch-Zimmer | Classics Guangbin Dong | Chemistry Zhiguo He | Booth School of Business Paola lovene | East Asian Languages & Civilizations Young-Kee Kim | Physics Jonathan Lio | Medicine Zhe-Xi Luo | Organismal Biology & Anatomy Zhiying Ma | Crown Family School of Social Work, Policy, & Practice Alice Yao | Anthropology Yingming Zhao | Cancer Research Brook Ziporyn | Divinity Delhi Faculty Steering Committee Dipesh Chakrabarty | History (chair) Nishant Agrawal | Surgery Marianne Bertrand | Booth School of Business Elizabeth Chatterjee | History John Mark Hansen | Political Science Amir Jina | Harris School of Public Policy Yamuna Krishnan | Chemistry Vinay Kumar | Pathology Andrew Ollett | South Asian Languages & Civilizations Hong Kong Faculty Advisory Board Kenneth Pomeranz | History (chair)

Chin-Tu Chen | Radiology Fred Chong | Computer Science Kimberly Kay Hoang | Sociology Randall Kroszner | Booth School of Business Haun Saussy | Comparative Literature Scott Stern | Medicine Dali Yang | Political Science Alan Yu | Linguistics Judith Zeitlin | East Asian Languages & Civilizations

## Latin America Faculty Steering Committee Callum Ross | Organismal Biology & Anatomy (chair) Fernando Alvarez | Economics Clara Blättler | Geophysical Sciences Brodwyn Fischer | History Sonia Hernandez | Surgery Agnes Lugo-Ortiz | Romance Languages & Literatures

James Robinson | Harris School of Public Policy Paul Wiegmann | Physics

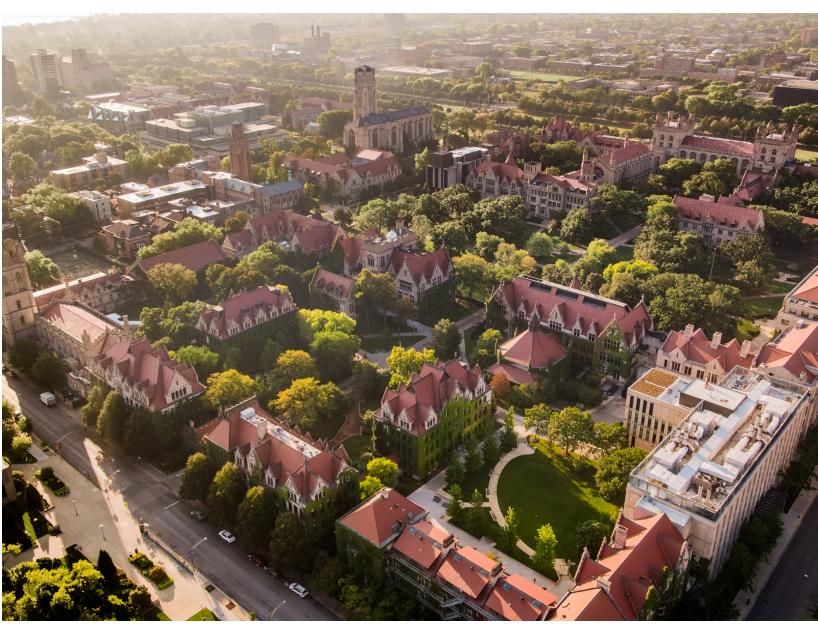
Alan Zarychta | Crown Family School of Social Work, Policy, & Practice

## Working Group for Sub-Saharan Africa

Emily Lynn Osborn | History (chair) Zeresenay Alemseged | Organismal Biology & Anatomy Chibueze Amanchukwu | Pritzker School of Molecular Engineering Christopher Blattman | Harris School of Public Policy Juan de Pablo | Pritzker School of Molecular Engineering Adom Getachew | Political Science Bahareh Lampert | Division of Physical Sciences Olufunmilayo Olopade | Medicine Hakizumwami Birali Runesha | Research Computing Center

# Thought Partners

We share best practices, address operational barriers, and connect you to resources to develop your international initiatives.



# Strategic Initiatives

UChicago Global lays the strategic groundwork for the University of Chicago community's engagement with international partners that will ultimately advance the University's mission in its fullest expression. We also support institution-wide special projects in response to world events in coordination with leadership and stakeholders across campus.

## Selected Highlights

## Launch of the CNRS-UChicago IRC Discovery

This year, UChicago Global launched the CNRS-University of Chicago International Research Center for Fundamental Scientific Discovery (IRC Discovery), a new joint research center with the French National Center for Scientific Research (CNRS). IRC Discovery strengthens existing partnerships between scholars at two of the world's leading research institutions and leverages both institutions' robust networks and large-scale investments in scientific infrastructure to address some of the world's greatest questions.

As UChicago's top global collaborator, CNRS has long worked with UChicago researchers to address topics as wide-ranging as astrophysics, political philosophy, the search for dark matter, digital humanities, bionics, computational anatomy, and guantum technologies. The creation of IRC Discovery demonstrates the importance of this partnership and provides dedicated support and resources for expanded collaboration between our institutions. IRC Discovery is the fourth CNRS International Research Center worldwide.

In November 2022, President Alivisatos and CNRS president and CEO Antoine Petit signed an agreement establishing IRC Discovery in Washington, DC as part of President Emmanuel Macron's state visit. In June 2023. IRC Discovery hosted a delegation of 30+ CNRS scholars and senior leadership for academic workshops in the fields of biology, quantum information sciences, and the humanities and social sciences. Through these intensive discussions, faculty leads generated ideas for collaboration that will guide the IRC's initial programming.

UChicago Global also administers the UChicago-CNRS PhD Joint Programme, which laid the foundation for this initiative by supporting three-year collaborative research exchanges for PhD students working with PIs at both institutions. Through these efforts and the launch of IRC Discovery, we have positioned UChicago as a preferred research partner in France, growing opportunities for European funding and enabling institutional support for UChicago's most prolific partnership.



Department of Energy undersecretary for science and innovation Geri Richmond joined President Paul Alivisatos and CNRS president and CEO Antoine Petit for a panel discussion to mark the launch of the IRC Discovery

### Joining the European computation network

The Centre Européen de Calcul Atomique and Moléculaire (CECAM) promotes fundamental research on advanced computational methods and their application to important problems in frontier areas of science and technology. In FY23, UChicago joined CECAM as a member organization and proposed the establishment of the first US "node", one of only two non-European nodes worldwide.

Headed by UChicago and in partnership with Argonne National Laboratory. Northwestern University, the University of Illinois at Urbana-Champaign, the University of Wisconsin-Madison, and the University of Notre Dame, the node will raise the profile of UChicago and its local partners, facilitate exchange of knowledge and people with global experts, and enact workshops, training programs, collaborative research, exchange programs, and hackathons to develop and disseminate research and train the next generation of scientists.

## UChicago Trust in India

Established in 2008, the University of Chicago Trust in India is a non-profit charitable organization that broadly supports the University's education and research projects in India. The Trust gained approval to receive foreign contributions in 2019 through India's Foreign Contribution Regulation Act (FCRA), making the University of Chicago one of few academic institutions from the United States associated with an entity with this clearance.

In FY23, UChicago Global successfully managed the Trust's first federalfunded grant, a USAID grant to EPIC titled Enabling a Clean Environment with Economic Growth, and support implementation of more large-scale local and foreign grants going forward. We also increased the sustainability of Trust operations, thereby ensuring continued access to research opportunities in India for UChicago faculty.

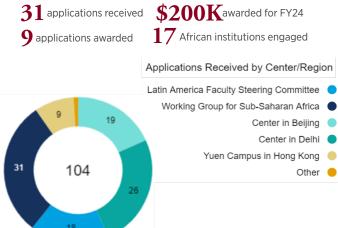
In addition to UChicago faculty research suport, the teams at the Trust-EPIC-India, the International Innovation Corps, and the Development Innovation Lab-India—continue to build collaborations with local government agencies on projects related to climate, energy, data science, economic growth, and political stability.



## Seed funding for sub-Saharan Africa

UChicago Global rolled out two new funding mechanisms focused on Sub-Saharan Africa in FY23: the Provost's Global Faculty Awards - Sub-Saharan Africa and the Global Partners Fund - Africa. Both mechanisms are supported by the new Working Group for Sub-Saharan Africa, comprised of faculty and staff leading the University's engagement in the region. These new mechanisms are the University's first dedicated to institutional collaborations in Sub-Saharan Africa, greatly increasing the scope of regional support structures enabling faculty engagement in the region

The first cohort of awardees was awarded in Spring 2023 for activities to take place throughout FY24. Funding demand for the Sub-Saharan Africa mechanisms exceeded that of all other comparable regional mechanisms managed by Global. The nine awarded projects span five schools and divisions and include research projects, training initiatives, and academic events



Combined, funding demand for projects in Sub-Saharan Africa exceeded that of all other regional mechanisms managed by Global (~30% of all applications)

## Global communications strategy

In FY23, we launched our new global communications initiative with two initial priorities: expanding the global reputation and visibility of the University and improving the communications capabilities, visibility and interconnectedness of the global centers.

To help build UChicago's reputation as a global research university, we established a cadence of foreign media placements, exceeding our initial metric by 50%. Especially successful were high-profile media placements about the launch of the CNRS-UChicago International Research Center for Fundamental Scientific Discovery, which highlighted our position on the cutting edge of high impact international collaboration. We also successfully completed a search for a new University-wide PR firm in Asia, as well as a pilot social media project in India targeting graduate applicants to PME and PSD

To improve the reputation and communications capabilities of the Global Centers, we completed a website upgrade project for the **Center in Beijing**, Center in Delhi, and Yuen Campus in Hong Kong. We also ran an internal spotlight series on each of the Global Centers (including the Center in Paris) which reintroduced the campus community to their colleagues at the Centers after the enforced travel pause due to COVID-19

AWARDED PROJECTS FOR SUB-SAHARAN AFRICA, 2023-24 Academic Events

**Cultural Variation and Change in Eastern Nigeria** James Robinson, Maria Angélica Bautista | Harris School of Public Policy

**Training Manual Development and Pilot Training of Fibroid** Champions

Obianuju Sandra Madueke-Laveaux | Obstetrics and Gynecology

Planning Meetings

**CISSR-AFIDEP Social Science Training Initiative for Junior Scholars** Jenny Trinitapoli | Sociology: Alicia Menendez | Harris School of Public Policy; Emily Lynn Osborn | History

Research Projects

Advancing Connections and Research in Eastern Africa Hakizumwami Birali Runesha | Research Computing Center

Cost Effective Genetic and Quantitative MRI Screening in Uganda Greg Karczmar | Radiology

Training Initiatives

Launching Training Programs on Ancient Heritage in Niger Paul Sereno | Organismal Biology & Anatomy

Quantitative Biology Training Program for Students from Madagascar Cara Brook | Ecology and Evolution

**Research Experience for Nigerian Undergraduates** Chibueze Amanchukwu | Pritzker School of Molecular Engineering

Social Science Methods Training with Ugandan Researchers Vesall Nourani, Development Innovation Laboratory

### MEET THE CENTER IN DELHI STAFF



Even though the world is becoming increasingly dystopian, there are many people working fervently to make the world a better place... I get a chance to interact with, bring together, and positively nudge global policy shapers—the conversations and outcomes are worth everything.

Sakshi Parihar, Assistant Director of Programs, International Partnerships and Executive Education, Harris School of Public Policy

An excerpt from the internal spotlight series focused on the Center in Delhi

// For more on UChicago Global's strategic initiatives and special projects, contact Kate Moore (katemoore@uchicago.edu).

### Thought Partners

# **Campus Support**

At a large, complex institution like UChicago, there is tremendous value in coordinating global activities to amplify institutional impact. UChicago Global advances the University's mission by providing resources for global activities, convening key stakeholders, fielding new opportunities, and keeping leadership updated with a holistic view of the University's global engagement.

### OUR WORK RESULTS IN:

Knowledge management Network connection Thought partnership Brand-building

## Knowledge management

In 2017, UChicago Global adopted Salesforce as a contact management system to help us better track international engagement initiatives across campus and all of the relationships connected with them. Over the past six years, we have grown this resource into a robust database of international activities at the University and the point of record for understanding the University's relationships with institutional partners. This database informs our work with both international partners and our colleagues on campus and allows us to demonstrate a holistic view of the University's global engagement across units, disciplines, and regions.



## **Global Partners Network**

For over a decade, UChicago Global has led the Global Partners Network, which now brings together almost 100 UChicago staff from across the university whose work engages with international activities to learn from one another and build cross-campus collaboration. This group gathered virtually each quarter to hear updates from colleagues representing both administrative and academic units. This year also saw the launch of a new quarterly in-person networking component to the GPN to complement its information-sharing mission.

This year's presenters included **College Admissions**, the **Committee on Environment, Geography, and Urbanization** (CEGU), **Study Abroad**, the **Office of International Affairs**, the **Center for International Social Science Research** (CISSR), **International House**, **UChicagoGRAD**, **Career Advancement**, and the **Institute for the Study of Ancient Cultures** (ISAC).

## Selected Highlights

Leadership support Finance/HR/compliance support External funding

## International partnership guidance

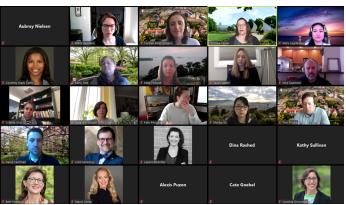
UChicago Global strives to make best practices in international partnership available to campus partners. Some of the most commonly requested areas for support are in developing institutional agreements (MOUs) and hosting international visitors. Guidance on these areas is now available on the UChicago Intranet for reference by faculty and staff.

### // What is the process for developing a new MOU? // What are the best practices for hosting international visitors on campus?

## Leadership support

UChicago Global provides senior University leadership with strategic guidance, background information, and drafted materials to support their participation in formal engagements with international institutions. In FY23, we:

- Facilitated 64 international delegations representing 38 countries
- Provided **31 sets of remarks and/or presentations** for speaking engagements
- Curated **53 briefings** for senior leadership
- Drafted **15 formal letters** to international institutional partners



Members of the Global Partners Network participate in a virtual meeting

# Institutional Partnerships

We support partnerships with institutions abroad to facilitate mobility, joint programs, fellowships, and other programs & activities.



President Paul Alivisatos (R) shakes hands with president and CEO Antoine Petit (L) of the French National Center for Scientific Research after signing the agreement launching the CNRS-University of Chicago International Research Center for Fundamental Scientific Discovery

# **Building Relationships**

To support the University of Chicago's role as an integral part of the global research community, UChicago Global builds and manages relationships with research institutions and governments around the world. By pursuing and nurturing key institutional relationships in each region, we surface new opportunities for the University and its faculty, staff, and students.



In 2022-23, UChicago Global supported 166 active institutional agreements in 38 global locations, serving 46 academic units across the University of Chicago.

COMPARED TO 2021-22



## Illinois trade delegation to UK

Illinois governor J.B. Pritzker led a delegation of business and education In May 2023, UChicago formalized agreements with industry and university leaders on a trade mission to the United Kingdom in July 2023 to discuss partners to transform the future of quantum technology. The first is a 10-year, \$100 million plan with IBM, the University of Chicago and the strengthening economic cooperation on manufacturing, clean energy University of Tokyo to develop the blueprints for building a quantum-centric and technology, quantum, higher education collaboration, and other key industries. supercomputer powered by 100,000 qubits. The second is a strategic partnership between the University of Chicago, the University of Tokyo and EVP Juan de Pablo and Prof. David Awschalom (PME) represented Google, with Google investing up to \$50 million over 10 years, to accelerate UChicago and participated in a roundtable discussion with UK government the development of a fault-tolerant quantum computer and to help train and business officials on Chicago's leadership in quantum and opportunities the guantum workforce of the future. In addition, a newly formed Quantum for collaboration with UK research and industry. Alliance with Tohoku University will focus on research in guantum sensing, quantum communication, and new materials development, and work to promote student exchange, industry partnerships and start-ups. UChicago Global drafted and negotiated both letters of intent with the University of Tokyo and Tohoku University.



(L-R) Rachel Waites (Chicago Booth London Campus). IL Governor J.B. Pritzker, EVF Juan de Pablo, and IL Deputy Governor for Education Martin Torres after the quantum roundtable discussion

## Expanding AI and quantum research with the Weizmann Institute of Science

UChicago and the Weizmann Institute of Science in Israel are supporting collaborative research in quantum information sciences and artificial intelligence, in a partnership that also includes the Toyota Technological Institute at Chicago.

This expanded partnership builds on the existing Marshall and Arlene Bennett Family Research Program and prioritizes new research that leverages AI for new discoveries in biology and materials science, and promotes fundamental discoveries in guantum information sciences and engineering.

In a first step, the expanded partnership awarded more than \$1 million in The Universidad Nacional Autónoma de México (UNAM) is Mexico's top research funding for three collaborative projects that advance the scientific domain and have significant impact in science and technology and travel research university. Over the past year, UChicago Global has fostered a grants for three additional research teams. (See appendix for details) strong relationship with UNAM and its satellite office in Chicago. Following a series of delegations from UNAM to visit UChicago campus and meet with leadership, staff, and faculty, Profs. Tian Zhong and Diana Franklin Building collaborations in Indonesia (PME) gave public talks to UNAM's audience about their work in quantum In FY23, Prof. Haryadi Gunawi (Computer Science) received a Provost's computing and UChicago Global hosted an information session about PME's Global Faculty Award to travel to Indonesia for an exploratory trip to spur PhD program in quantum science and engineering. Profs. Angela Olinto and Chicago-Indonesia collaborations in cloud systems research, as well as Wendy Freedman (Astronomy & Astrophysics) also participated in UNAM's exploring broader partnerships via the Indonesia Endowment Fund for lecture series for the International Year of Basic Science in Sustainable Development. A variety of topics for collaboration in other areas are also under discussion

Education.

As a result of the connections made by Prof. Gunawi, he received \$220K in research funding. Additionally, twelve Indonesian students participated in Summer Session's Residential Program, and discussions are now underway to develop an undergraduate exchange program via Study Abroad, which will sponsor up to six students per year.

# Selected Highlights

### Quantum partnerships in Japan



President Joe Biden (left) shakes hands with President Paul Alivisatos (right) at a signing event at the G7 summit in Hiroshima, Japan (Photo courtesy of the U.S. Embassy Tokyo)

## Identifying local partners

In regions where the University does not have a physical presence, a major lever of engagement is institutional-level partnerships with key local partners who are springboards for people exchange, new initiatives, and other programming that facilitates regional engagement. In FY23, UChicago Global began to identify core partners in Latin America and sub-Saharan Africa to support these activities and ease regional engagement for the University community

### Example: Universidad Nacional Autónoma de México

# **Gatherings and Delegations**

UChicago Global facilitates globally themed gatherings with internal and external partners to increase the University's global reach in Chicago, at our Global Centers, and beyond. We also receive and organize programming for official visitors from international partners to maximize partnership opportunities for the University.

IN 2022-23



1,287 event attendees



## UChicago-PKU Joint Forum 2022: Addressing the Climate & Energy Challenge

In October and November 2022, the University of Chicago and Peking University hosted a joint forum titled "Addressing the Climate and Energy Challenge" as part of PKU's marquee Beijing Forum and UChicago's US-China Forum, sponsored by the China-United States Exchange Foundation. Over the course of four weeks, UChicago and PKU collaborated on six panel discussions, bringing together faculty from both institutions to discuss aspects of climate and energy through the lenses of diplomacy, the humanities, business, health, technology, and ecosystems. Nearly 1000 attendees joined the live events, and the recordings have amassed over 3,500 views on YouTube (and more in China) while showcasing the breadth of UChicago's research advances in climate and energy.

### // Watch the recorded events

## **NEW RESOURCE**

Guidance for receiving international visitors is now available to the UChicago community via the UChicago Intranet.

/ Learn more

## Noite do Brasil

In February 2023, UChicago Global and the Consulate General of Brazil in Chicago hosted an evening of celebration and recognition of the Brazilian community at the University of Chicago. The networking reception featured a musical performance by Sergio Assad and Clarice Assad and the presentation of the Order of Rio Branco to Dean of the Physical Sciences Division Angela V. Olinto by Consul General of Brazil Benoni Belli.



Former president of Brazil Dilma Rousseff met with President Alivisatos, EVP Juan de Pablo, and CLAS director Ben Lessing during her visit to UChicago

## Chicago Consular Corps Reception



In May 2023, UChicago Global hosted the annual Chicago Consular Corps Reception at UChicago, co-hosted this year by the Institute of Politics. The attendees, representing 19 countries, learned about opportunities for engaging with the University via the IOP in addition to interacting with UChicago leadership.



## Democracy in Brazil: A Conversation with Former President Dilma Rousseff

As the capstone to the Center for Latin American Studies' series "The Outlook for Brazilian Democracy," UChicago Global worked with CLAS and the Institute of Politics to invite and coordinate the visit of former president of Brazil Dilma Rousseff to UChicago's Hyde Park campus for a discussion about safeguarding and strengthening the democratic rule of law in Brazil, the connections between Bolsonarism and Trumpism and the fate of democracy in an age of polarization and more. The popular event drew 95 in-person attendees and many more online, and the recorded discussion has garnered more than 2,000 views on YouTube.

// Watch the recorded discussion with English interpretation

We meet the needs of faculty, students, and staff, engage local communities, and build relationships with key regional partners through the Centers in Beijing and Delhi and the campus in Hong Kong, and in coordination with the University's other global locations in Paris, London, Luxor, and Dhaka.



# **Global Locations**

Visitors to the Center in Beijing enjoy Prof. Tang Keyang's (AM'00) exhibition

# **Center in Beijing**

The University of Chicago Center in Beijing provides a physical presence to enhance and strengthen the University's traditionally strong ties to Chinese thought and culture, building upon more than a century of collaboration between scholars from Chicago and China.

### IN 2022-23

989 in-person and virtual event attendees

faculty seed funding projects awarded



Zening Ge Executive Director zge@uchicago.edu



From the Executive Director

The 2022-23 fiscal year presented significant challenges in China due to the "Zero COVID" strategy which greatly curtailed international travel and in-person gatherings. Despite this challenging operating environment, the Center in Beijing persevered in fulfilling its mission and conducting a wide range of activities and events thanks to our dedicated and passionate staff and engaged community.

During the first half of the year, travel restrictions presented unprecedented hurdles for our faculty and staff to visit China. To overcome this, we adapted by hosting the Chicago Scholars lecture series, inviting local UChicago alumni to give talks to the public. Additionally, our social media presence thrived, with our Weibo and WeChat accounts distributing comprehensive content that attracted the largest audience and regular followers among foreign institutions operating in China.

In anticipation of the imminent loosening of the "Zero COVID" policy in 2023, we proactively prepared for the return of our community members, upgrading our Center facilities and allocating resources to support faculty awardees. During the second half of the year, with faculty and leadership travel resuming, we hosted more than ten in-person events and eight UChicago faculty, students, and staff at the Center. It was a delight to see the Center bustling with activity again and watch the face-to-face interactions happen that make the Center's physical presence so valuable.

events hosted

As we reflect on the past year, we take pride in our achievements and the value we have created for the University community. Despite the unprecedented challenges, our resilience, dedication, and strategic planning have enabled us to continue delivering excellence. We look forward to the future with optimism and a commitment to serving the University and its stakeholders even more effectively.



Panelists participate in a discussion celebrating the 90th anniversary of International House at the University of Chicago.



- Michael Kulma and Denise Jorgens, I-House



# Selected Highlights



anniversary of I-House

Conducted workshops with newly admitted students and families to alleviate their anxiety and help them better prepare for living and studying on campus

Acted as a bridge between UChicago and families of incoming students to smooth communications and explain university policies and procedures

Placed six College Metcalf interns in China

Alumni & community

staff

Students

Worked closely with the Beijing Alumni Club to organize events and activities

Helped the College Dean's Family Council to identify new members and opportunities in China

Strategic relationships Met with local partners in person on behalf of faculty, promoted potential collaborations

Student and faculty exchange MOUs with PUMC & PUMCH are in progress.

## Growing the Center's social media presence

The value of the Center in Beijing's WeChat and Weibo public accounts as platforms to connect people to UChicago and promote the global profile of the University in China was particularly felt during the pandemic, when many of the standard functions of the Center were paused. We gathered information including events, news reports, stories, notices, announcements, and interviews from the official communications sources of the University, translated them into Chinese, and then posted one piece of information on our WeChat Public Account and at least two pieces on our Weibo every weekday. The platforms are also used by different entities at the University as a way to get their messages to Chinese audiences. This effort has helped strengthen the University's global presence in China, and helped the Center in Beijing become a trusted source of information for anyone interested in getting to know UChicago.

Our efforts have won the admiration of our peer Centers in China as they wish to do as much as we have done. When translated articles about the renaming of the Center in Paris and the \$100M gift to Chicago Booth's PhD programs were posted on our WeChat and Weibo accounts, several people from our partner institutions got in touch with us and expressed strong hopes to visit our Center in Paris. Meanwhile, several alumni, parents, and students congratulated us for Booth's strong growth via comment or phone call

## Developing strategic relationships

The pandemic disrupted the normal operation of the Center but our efforts to maintain the connections we have developed over the years were actually strengthened. By communicating with our Chinese partners via WeChat and meeting with them whenever possible, we have kept in close touch with our counterparts at the Ministry of Education, the Education Office at the Chinese Consulate General in Chicago, Peking University, Tsinghua University, Renmin University, PUMC, PUMCH, Wuhan University, Zhejiang University and so on. A good example is that during the pandemic and after China reopened to the outside world, the Center used its close connection with the Education Office at the Chinese Consulate General in Chicago to help facilitate the process for several UChicago PhD candidates and faculty members to get visas to China.



Michelle Trimpe (UChicago Admissions) speaks to prospective students after an information session

## Piloting the ECHO Project in China

Prof. Daniel Johnson (Medicine) visited China to meet with local partners including Shanghai Tongji Hospital to explore the development of a pilot version of the ECHO (Extension for Community Health Outcomes) model in China. The ECHO model is an innovative workforce development model first implemented at UChicago for expanding primary care capacity in underserved communities by providing "telementoring" for communitybased providers in managing common chronic physical and mental health conditions.

With the support of a 3-year, \$500,000 grant from the Cyrus Tang Foundation, the connections formed through this exploratory trip will support future funding proposals to scale both the ECHO intervention and its evaluation research to additional geographies in China as well as to address new topic areas relevant to the region.

// For more on the Center in Beijing, visit uchicago.cn or contact beijing@uchicago.edu.

# Center in Delhi

Like its sister city of Chicago, Delhi is a national and global crossroads. Delhi's concentration of academic, scientific, government, and cultural institutions, as well as its thriving business and professional communities, makes it an ideal location for the University's growing engagement with scholars and institutions around the globe.



## From the Executive Director

Over the past two years, our mantra was resilience. This year, we focused on expansion. In 2022–2023, the Center expanded its mandate both in terms of geography and subject areas. Building on our strong presence in India, we explored opportunities for working in other South Asian countries, such as Bangladesh, Pakistan, Nepal and Sri Lanka. In Bangladesh, we found avenues for collaborative research in environmental studies, mental health and South Asian studies. We took our path-breaking work in the area of robotic paediatric robotics surgery to Sri Lanka. In Nepal, we were able to forge research collaboration in the area of air quality, while a record number of students from Pakistan joined the Harris School of Public Policy. While there is still a lot to be done in these countries, our expanding footprint has opened up many new opportunities for the Center and the University.

We have also broadened our areas of thematic engagement beyond our rich history of scholarly work in the social sciences. New faculty-led

collaborations are emerging in quantum technology, batteries, water sensing, IoT-based sensing, immunology, materials for energy and environment, microelectronics, and artificial intelligence and data. The prospects are bright for knowledge exchange in these areas through seminars and conferences, new research projects, and student engagement.

In the last year, the Center has reached more than one hundred faculty members and one thousand-plus collaborators from India through programming and events, grants, and engagement with students and alumni. From the pandemic till now, the Center has guickly pivoted its resources to leverage the advantages of technology and has facilitated large in-person events, hybrid events involving multiple locations, remote internships, and staff travel for faculty, staff and students. We hope that the year ahead will be full of more such opportunities.

I am immensely grateful to our faculty, partners and supporters all over South Asia who inspire the work of the UChicago Center in Delhi and make it possible and impactful. And I am especially proud of my team, who have worked relentlessly throughout the year to ensure that we continue to excel in our enterprise.

My association with the University's Center in Delhi has been a highlight of my life in the University. I had the privilege of chairing the Committee that recommended the establishment of the Center. Working with colleagues on that committee, with the administration, the Provost, and the President opened up for me the fascinating question of how a university such as ours could participate in globalizing higher education in a world of increasing connectivity. Answering this question in a practical form was an enormously instructive and enriching process. Apart from all the things I learned from my colleagues at the University and the Center, there was the

constant excitement of getting to know the ecology of higher-education institutions in South Asia. Let me record here my gratitude to the two Executive Directors-Aditi Modi and Leni Chaudhuri-and the Center staff I have worked with before, after, and through the years of the pandemic. And let me also pay a tribute to our late President Zimmer the Center stands as a testimony to his visionary leadership. I wish the Center years and years of continued success.

-Dipesh Chakrabarty, outgoing Faculty Director



Supported in-person public and academic events at the Center in Delhi for Profs. Nishant Agrawal, Osman Ahmed, Niall Atkinson, Dipesh Chakrabarty, Supratik Guha, Aniruddha Hazra, Michael Kremer Faculty & Rochona Majumdar, and Lisa Wedeen staff Supported hybrid or virtual events for Profs. Seeba Anam, Lina Ferreira Cabeza-Vanegas, Supratik Guha, and Mohan Gundeti, as well as for Harris Senior Associate Dean Ranjan Daniels

Students

Alumni &

community

Strategic

relationships

Coordinated a week-long New Delhi Public Policy Leaders Trek with Career Advancement. During the Trek, students engaged with policymakers, civil society, and corporations engaged in the energy and environment space

Supported an alumni brunch for Harris, Chicago Booth, Law, CIR, and College alumni in New Delhi in partnership with the Harris School of Public Policy.

Supported a launch event for a new book published by Ronojoy Sen, PhD'05, House of the People: Parliament and the Making of Indian Democracy. Dignitaries also participating in the event included Member of Parliament Shashi Tharoor, Justice Madan Lokur, Professor Neera Chandokhe, and Economist editor Alex Travelli.

Supported **EPIC-India** in establishing the Data. Policy Innovation Cell in collaboration with the Government of Odisha

Facilitated **DIL-India**'s engagement with the Punjab Government leading up to an MoU with the Department of Governance Reform and Public Grievances, Punjab

Facilitated meetings with the Indian Institute of Technology Delhi to explore research collaborations

with UChicago faculty



Prof. Seeba Anam (Psychiatry & Behavioral Neuroscience) meets with local collaborators at the Center in Delhi to develop her research project on mental health in South Asian vouth

# Selected Highlights

## Introducing Supratik Guha



Supratik Guha, professor in the Pritzker School of Molecular Engineering and senior advisor to Argonne National Laboratory's Physical Sciences and Engineering Directorate, has been appointed as faculty director of the Center in Delhi for a three-year term. He will succeed Prof. Dipesh Chakrabarty (History), who has served as faculty director of the Center in Delhi since 2018.

Guha is a world-renowned expert in the use of nanoscale materials for information processing technologies. As a scientist and executive at IBM for 20 years, he pioneered developments in silicon technology that are in wide use in smartphones and high-performance computers today. His current research agenda focuses on building new types of memories for computing, new methods of atomic scale fabrication, and sensors for geospatial networks for terrestrial ecology. Guha is deeply engaged with the Center in Delhi through a long-running project developing a geospatial sensor network for water sensing in Indian rivers, developing a methodology for measuring, curating, and analyzing river water quality across large geographical areas. He has also worked extensively to raise the University of Chicago's profile at key Indian higher education institutions.



Participants in the data.org event at the Center in Delhi

## Building Data Capacity on Climate & Health

The Center in Delhi, in collaboration with data.org and the G-20/C-20 Working Group on Resilient Communities, organized a thought-leadership conference to discuss world-changing solutions at the intersection of climate and health. The conference brought together esteemed speakers in leading roles across academia, philanthropy, and NGOs around a shared goal: building purpose-driven data capacity and harnessing the power of data to drive social impact. Prof. Supratik Guha (PME) was the keynote speaker, and was joined by other experts like Abhishek Singh of the Indian Ministry of Electronics and Information Technology, Danil Mikhailov of data.org, N. Vinod Chandra Menon of the Working Group on Resilient Communities, Neera Nundy of Dasra, and Santosh Harish of Open Philanthropy.

Under the auspices of the G20/C20, this convening was an extraordinary opportunity for policy and practice experts in climate and health to come together, deliberate, and share ideas to tackle critical challenges in India and in the world.

# Francis and Rose Yuen Campus in Hong Kong

As Asia's World City, Hong Kong represents the convergence of east and west and has long served as a gateway to mainland China while preserving strong ties across East Asia and beyond. The Hong Kong Jockey Club University of Chicago Academic Complex | The University of Chicago Francis and Rose Yuen Campus in Hong Kong is the hub for the University of Chicago's activities in East Asia. It is also home to the top-ranked Executive MBA-Asia program offered by the University of Chicago Booth School of Business.



Despite the fact that COVID restrictions in Hong Kong were only fully lifted in January 2023, the 2022-2023 academic year was extremely active. Our team continued to create unique programs to actively engage faculty, students, alumni and the broader community with the Yuen Campus and overall University of Chicago community, not only in Hong Kong but more broadly throughout East and Southeast Asia.

Our efforts focused on cultivating relationships with regional government leaders like the Hong Kong Monetary Authority, the Ministry of Education in Indonesia and the U.S. Consulate in Hong Kong and Macau; corporates like Anheuser Busch; and other university and institutional stakeholders like the



President Alivisatos visits with alumni during his visit to Hong Kong in March 2023

Chinese University of Hong Kong and many others. We resumed public visits and guided tours of our Heritage Interpretation Centre, and the rotating exhibition "Hong Kong Memories: Miniatures & Photographs of Old Hong Kong Streetscape" has been well-received by the public.

The UChicago Yuen Campus is now fully operational and has already welcomed multiple EMBA cohorts and academic activities on campus. We look forward to expanding our educational programs on campus and exploring new strategic partnerships with a greater variety of stakeholders across the region in the upcoming academic year.



A big THANK YOU for all your incredible help with our programming in Hong Kong.... You made it so seamless and beautiful, and everyone enjoyed being on the UChicago campus. It was just such a fantastic experience for everyone involved, and I think we made such a great impression on our partners from Poly U and PKU, and all thanks to the royal treatment we received in your space."

Cristina Gros

Crown Family School of Social Work, Policy, and Practice

Faculty & staff

Students

Alumni &

community

Strategic

relationships

Hosted The Future of China's Past academic conference organized by Prof. Edward Shaughnessy

Organized hybrid public lectures for Profs. James Evans, Kenneth Pomeranz, Edward Shaughnessy, and Mark Bradlev

Hosted the 2022 and 2023 Admitted Student Launchpads in Hong Kong with College Admissions

Supported the Committee on International Relations' 10-day global seminar in Taiwan in partnership with Alumni Relations & Development

Hosted a student exchange program co-organized by the Crown Family School of Social Work, Policy, and Practice, The Hong Kong Polytechnic University, and Peking University

Created learning and enrichment opportunities for selected students in the summer on the Yuen Campus and other Hong Kong institutions through Career Advancement's Metcalf Internship

Provided self-study spaces and exam proctoring

Co-organized President Alivisatos's fireside chat during his first visit to the campus in Hong Kong

Supported Alumni Relations and Development's Hong Kong Alumni Weekend Celebration

Engaged individual alumni through speaking engagements and other programmatic engagement

Created alumni invitation-only events such as the Trailblazer Forum and Mount Davis Heritage Salon Music Series

Enhanced partnership with the Hong Kong Monetary Authority (HKMA) as the "Knowledge Partner" of HKMA's Alliance for Green Commercial Banks

Co-hosted the SelectUSA Tech Pitch Competition, Consulate Day, and Women in Sustainable Finance events with the Consulate General of the United States for Hong Kong and Macau

Invited thought leaders from among local business and cultural leaders to share experiences and insights with alumni and campus friends



Participants in the Admitted Students Reception 2023

# Selected Highlights

## Mount Davis Heritage Salon Music Series

The campus introduced the Mount Davis Heritage Salon Music Series in 2022 and hosted two concerts for our invited guests in collaboration with Premiere Performances of Hong Kong, a Hong Kong NGO that brings the world's top rising musicians to inspire the Hong Kong culture community. Brazilian guitarist Plínio Fernandes and Canadian pianist Tony Sigi Yun performed on campus in Autumn 2022 and drew a total of 143 guests.



Pianist Tony Sigi Yun performs at the Mount Davis Heritage Salon Music Series

## Hong Kong Memories: Miniatures & Photographs of Old Hong Kong Streetscapes

The current rotating exhibition at the Heritage Interpretation Centre, Hong Kong Memories: Miniatures & Photographs of Old Hong Kong Streetscapes, has attracted a significant increase in visitors and engagement; 540% (visitors) and 756% (social media engagement) compared to the previous exhibition

The Hong Kong Memories exhibition partners with local NGO Wind Concept and Hang Seng University faculty to create miniature replicas of 1960s Hong Kong buildings and AI-enabled colorized images from the 20th century contributed by OldHKinColour. This exhibition has attracted significant local mainstream media attention and has generated more than \$1 million HKD PR value to the campus, as well as an award for event marketing.



A close-up of a miniature from the Hong Kong Memories exhibition

// For more on the Yuen Campus in Hong Kong, visit uchicago.hk or contact hk@uchicago.edu

We offer seed funding for faculty-led collaborative international research and academic activities in key regions.





Cuban medical students celebrate their graduation from the TEAM program

# **Funding Mechanisms**

UChicago Global offers opportunities for flexible seed funding for faculty and other academic appointees with the goal of advancing international partnerships through joint research, public and academic events, training initiatives, research residencies, and experiential learning in key regions around the world.

**SINCE 2010** 



\$12.5M awarded in seed funding

## **Funding Mechanisms**

## Provost's Global Faculty Awards

The Provost's Global Faculty Awards (PGFA) provide annual awards of up to USD \$30,000 to support international faculty activities with a strong collaborative element in mainland China, Hong Kong and East Asia, India and South Asia, and Latin America. The grant mechanism is open to all UChicago faculty and other academic appointees. Projects showcase UChicago scholarship that incorporates meaningful participation and expertise from both the University and a partner in the target region.

## Yuen Research Grants

The Yuen Research Grants provide awards of up to USD \$100,000 to support faculty research in Hong Kong and the Greater Bay Area of mainland China for up to two years, with new projects funded guarterly. This program, funded by Francis Yuen (AB'75) and Rose Yuen, aims to highlight and strengthen the rich tradition of academic collaboration between the University of Chicago and partners in the target region.

## **CNRS** Research Collaboration Program

The program supports up to five new research collaborations annually between UChicago and CNRS with awards of up to USD \$15,000 over three years. The framework encourages and supports transatlantic exchange of PhD students, whose efforts underpin the collaboration of one UChicago faculty member and one researcher affiliated with CNRS.

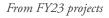
## Weizmann Institute of Science Research Collaboration Program

UChicago's partnership with the Weizmann Institute of Science (WIS) in Israel supports two new grant opportunities in Quantum Information Sciences and the intersection of artificial intelligence and materials sciences or health & biology, the latter in cooperation with the Toyota Technological Institute at Chicago. The grants fund up to USD \$500,000 for collaborative, 2-year projects to foster collaboration between the two institutions in these research areas.

IN 2022-23

## Provost's Global Faculty Awards

For FY24



\$1.4M external funding secured

**n** publications & academic 65 faculty-led projects supported presentations

52 external engaged external collaborators **Q Q** UChicago faculty **OO** engaged

\$1.25M awarded for FY24 projects

## Yuen Research Grants

In FY23, we successfully wrapped up the Yuen Research Grants program, which from 2020-2023 worked to seed the University's research engagement in Hong Kong and the Greater Bay Area of China.



# Selected Highlights

## Trauma training in Cuba

PI: Tanya Zakrison, Surgery Funding mechanism: PGFA-Latin America

Trauma is a leading cause of death of young people in low- and middleincome countries and causes more deaths than malaria, HIV, and tuberculosis combined. Standardized, excellent trauma training and teaching is an important priority given this significant global responsibility. Currently, there is no standardized method to teach trauma across Cuba, which is home to the largest medical school in the world, the Latin American School of Medicine, which has 19,000 students from around the world representing over 110 countries.

UChicago faculty visited Cuba to administer the Trauma Evaluation and Management (TEAM) curriculum to current medical students and explore the possibility of expanding the one-day TEAM model to include simulation training. During their visit, they directly trained 78 medical students and residents. In addition, Cuban faculty that were previously trained by this group have now independently trained 291 medical students and interns. The "TEAM+" program has become the most comprehensive and standardized trauma training course in the country, and has impacted 350+ future doctors that will be serving 14 countries.

## Discovering common principles for biological prediction

PI: Stephanie Palmer, Organismal Biology & Anatomy Funding mechanism: CNRS Research Collaboration Program

an NIH-run facility, prompted a collaboration to use similar methodologies Prof. Stephanie Palmer and her Ph.D. student Vedant Sachdeva received to understand the seasonality and mechanisms of virus shedding for funding to collaborate with colleagues at Paris Sciences et Lettres University Cambodian fruit bats. to investigate mechanisms of prediction within biological systems. Combining their theoretical expertise with PSL-ENS's computational and During the award period, Brook's lab collected biological samples from 545 modeling techniques, the teams were able to produce exciting new research Cambodian bats from 16 species, shipping samples to UChicago for molecular and publications. They found that those biological systems with broadly and serological analysis. Research continues and new virus information will applicable predictive apparatuses - for instance, visual systems that can be added to the dataset in the coming months. This collaboration between predict motion in differing levels of light - tend to be more successful and UChicago and ICER Cambodia has already led to the submission and evolutionarily advantageous than predictive apparatuses that are more acceptance of one manuscript in the WHO Bulletin and the preparation of highly specialized. During the project, Vedant won a Harper Dissertation a second manuscript Scholarship and was able to produce five publications.

This project has led to exciting additional areas of investigation, including guestions of how organisms evolve their methods of calculation/computation and of the usefulness and adaptiveness of circadian rhythms. It has also led PI: Lina Ferreira Cabeza-Vanegas, Program in Creative Writing to several new long-term collaborations for the University, and the PIs have Funding mechanism: PGFA-Delhi applied for an NSF grant to continue their work.



Avik Chanda speaks at the CANTO Poetry Festiva



Participants in Dr. Aniruddha Hazra's TransCare Queer Ambassador program

## Deciphering mechanisms of coronavirus seasonality in Cambodian horseshoe bats

PI: Cara Brook, Ecology and Evolution Funding mechanism: PGFA-Hong Kong

Bats are natural reservoirs for virulent zoonotic viruses that cause higher case fatality rates in humans than any other mammal or bird zoonoses. Prof. Cara Brook's lab studies the ecology and evolution of viruses in Madagascar fruit bats. A recent connection with a colleague working at ICER Cambodia,

## **CANTO Poetry Festival**

The Center hosted the first-of-its-kind international literary festival, entitled CANTO. This was a four-day, multilingual, multicultural travelling poetry festival held across Kolkata and New Delhi in March 2023. In addition to the main festival, there were interactive workshops with faculty and students from Miranda House, a leading undergraduate college in Delhi.

The stellar cast of speakers included George Szirtes, Vijay Sheshadri, Daljit Nagra, Wendy Doniger, Tishani Doshi, Amit Chaudhuri, Rosanna Warren, K. Satchidanandan, Bibek Debroy, Joy Goswami, Anita Nair, and Arundhati Subramaniam, Profs. Srikanth Reddy, Lina Ferreira Cabeza-Vanegas, Alison James, and John Wilkinson also participated in the festival.

The inaugural edition of CANTO in March 2023 was a watershed event for the Delhi Center in particular and for the literary landscape in general, and positioned the University of Chicago as a convener of eminent poets, translators, and intellectuals both in India and globally.

# 2022-23 Active Projects

# Provost's Global Faculty Awards

## Mainland China

Academic Events

Bodies of Knowledge: Medicine, Literature, History Judith Farquhar | Anthropology

**China-US Conference on Clinical Ethics Consultation** J. Michael Millis | Surgery

International Symposium on Amyotrophic Lateral Sclerosis Raymond Roos | Neurology

**Medical & Surgical Decisions in Critically III Patients** Peter Angelos | Surgery

Ninth Annual Conference on Advanced Therapies for Solid Tumors and Academic Development J. Michael Millis | Surgery

Professional Development and Student Wellbeing in Medical Education Reform Wei Wei Lee | Medicine

Sino-American Symposium: Major Mental Illness and Neurological Disorders Xuan Feng | Neurology

Symposium on Clinical Leadership and Medical Education in China Jonathan Lio | Medicine

The Future of China's Past Ed Shaughnessy | East Asian Languages and Civilizations

Exploratory Trips

**Relationship Building to Support an ECHO Demonstration Project in** China Daniel Johnson | Pediatrics

The Transpacific: Mapping Artistic Exchanges between Asia and the Americas Orianna Cacchione | Smart Museum of Art

Research Projects

Assessing the Psychology Impact of the Transition to Post-Pandemic Society Thomas Talhelm | Booth School of Business

**City of Coiled Dragons: Joint Archaeological Field Project at** Panlongcheng Yung-ti Li | East Asian Languages & Civilizations

Incentivizing Citizens to Participate in Environmental Governance in Guangdong Shaoda Wang | Harris School of Public Policy

Children's Medical Home in China: Early Development of Chinese Children Michael Msall | Pediatrics

**Empowering Patient/Family Centered Care Communication** Shellie Williams | Medicine

**Resident Exchange and Residency Symposium** 

Renslow Sherer | Medicine

Student Trips

**Control Art** Geof Oppenheimer | Visual Arts

### India & South Asia

Academic Events

Annual Symposium on Otolaryngology Updates Nishant Agrawal | Surgery

**Crossing Borders Workshop** Lisa Wedeen | Political Science

Geospatial Sensor Network-Based Internet-of-Things for Climate and Environment Supratik Guha | Pritzker School of Molecular Engineering

Passage through the Place of Peace: Interwoven Histories of Bengali Modernism Niall Atkinson | Art History

Exploratory Trips

Imaginable Worlds: Deepening Art Relationships in South Asia Orianna Cacchione | Art History

Public Events

**CANTO Poetry Festival** Lina Maria Ferreira Cabeza-Vanegas | English Language & Literature

**Research** Projects

Automated Computational Pipeline for Calling Cancer Driving Mutations in Saliva Evgeny Izumchenko | Medicine

**Developmental Marketing Initiatives for Rural Artisans in India** Pradeep Chintagunta | Chicago Booth

Enlightenment in the Colony: A History of the Hindoo/Presidency College Rochona Maiumdar | Cinema and Media Studies

**Estimating COVID Deaths in India with Verbal Autopsies** Anup Malani | Law School

Interdisciplinary Approaches to Address Mental Health in South Asian Youth Seeba Anam | Psychiatry and Behavioral Neuroscience

Smartphones, Social Networks, and Mental Health Srinivasan Vasudevan | Economics

Training Initiatives

Pediatric Minimal Invasive Surgery Program in India and Southeast Asia Mohan Gundeti | Surgery

TransCare Queer Ambassador Program Aniruddha Hazra | Medicine

## Hong Kong & East Asia

Academic Events

Logistics in the Making of Mobile Worlds Julie Y. Chu |Anthropology

Medical and Surgical Decisions in Critically III Patients Peter Angelos | Surgery

The Future of China's Past (Hong Kong) Ed Shaughnessy | East Asian Languages and Civilizations

UChicago/Hong Kong Breast & Lymphedema Symposium David Chang | Surgery

Workshop on the International Study of the Divergent Organ Donation Models J. Michael Millis | Surgery

Exploratory Trips

Increasing Chicago-Indonesia Open Cloud Research and Other Engagements Harvadi Gunawi | Computer Science

The Transpacific: Mapping Artistic Exchanges between Asia and the Americas Orianna Cacchione | Smart Museum of Art

Research Projects

Deciphering Mechanisms of Coronavirus Seasonality in Cambodian Horseshoe Bats Cara Brook | Ecology and Evolution

Exploring the Shang King's Crafts via the IHP Anyang Collection Yung-ti Li | East Asian Languages & Civilizations

Residencies

2022 Crafting Culture: Traditions of Ceramics in East Asia Laura Letinsky | Visual Arts

## Latin America

Academic Events **Neurocritical Care in South America** Christos Lazaridis | Neurology

**Pan-American Perspectives on Pancreatic Cancer** Namrata Setia | Pathology

Exploratory Trips

New Drivers of Migration: Violence & Migration in North and Central America

Angela García | Crown Family School of Social Work, Policy, and Practice

The Transpacific: Mapping Artistic Exchanges between Asia and the Americas Orianna Cacchione | Smart Museum of Art

*Research Projects* 

**Comparison of Intracranial Pressure Behavior in a Porcine Model** Ali Mansour | Neurology

Defining the Role of Cx46 in Breast Cancer

Viviana Berthoud Barrandeguy | Pediatrics

Improving Detection of Cardiac Amyloidosis in Latin America Using Deep Learning Jeremy Slivnick | Medicine

**Reducing Regional Inequalities in Brazil through Estimation of Property Taxes** Luc Anselin | Sociology

The Incan Road and Long-Term Development in Peru Michael Albertus

Virtual Reality: A Critical Immersive Perspective from Rio de Janeiro Juliano Saccomani | Romance Languages and Literatures

Why Do States Do What They Do?: Evidence from Colombian Paramilitarism Maria Angélica Bautista | Harris School of Public Policy

Training Initiatives

**Economics for Everyone** John List | Economics

**STEM-Out Mexico 2022** Sonia Hernandez | Surgery

Trauma Training in Cuba: A Chicago-Havana Partnership Tanya Zakrison

## Yuen Research Grants

**Collaborations on Public Policy and Academic Research on Skill** Measurement, Skill Development, and the Consequences of Skills James Heckman | Economics

**Collaborations on Public Policy and Academic Research on Skills** James Heckman | Economics

**Development and Evaluation of a School-Based SEL Intervention** for Children in the Greater Bay Area J. Curtis McMillen | Crown Family School of Social Work, Policy. and Practice

How We Value Humans Across the Life Course Jean Decety | Psychology

Incentivizing Citizens to Participate in Environmental **Governance in Guangdong** Shaoda Wang | Harris School of Public Policy

Intergenerational Mobility in China and Russia Steven Durlauf | Harris School of Public Policy

Language Contact and Change in the Greater Bay Area Ming Xiang | Linguistics

> Legal Literacy and Imagined Law in China Johanna Ransmeier | Law

Scaling Up Peer Support Services for Persons with Severe Mental Illnesses

Zhiying Ma | Crown Family School of Social Work, Policy, and Practice

The Impact of Language on International Business Negotiation

### Seed Funding

Boaz Keysar | Psychology

The Linguistic Characteristics of Autism in Hong Kong: A Corpus Approach Alan Yu | Linguistics

Translating the SPEAK\* CAT into Mandarin for Parenting Education in Hong Kong and Mainland China Dana Suskind | Surgery

Who Owns Chinese Businesses? Chang-Tai Hsieh | Booth School of Business

# CNRS Research Collaboration Grants

ATLAS AnaTomicaL shApeS: Transferring knowledge in computational anatomy to study early human evolution in Africa Zeresenav Alemseged | Organismal Biology and Anatomy

Characterization of Breast Sensation for Bionics and the Science of Erogenous Touch Stacy Lindau | Obstetrics and Gynecology

**Coupling active and passive liquid crystals** Juan de Pablo | Pritzker School of Molecular Engineering

**Decoding the role of enhancer priming on transcriptional bursting** John Reinitz | Statistics

**Developing On-Chip Spectrometer with Crystalline Silicon Functional Polyelectrolyte Complex Micelles with Elastin-Like Peptide Segments** Matt Tirrell | Pritzker School of Molecular Engineering

How is sensory information transformed into appropriate motor output? Ellie Heckscher | Molecular Genetics and Cell Biology

HYBOXI- HYBrid MBE-CVD rare-earth doped OXIde films for on-chip optical quantum technologies Tian Zhong | Pritzker School of Molecular Engineering

Montesquieu and the Academic Papers Paul Cheney | History

Multisensory Cognition in the Nose Leslie M Kay | Psychology

Neutrino reconstruction in the DUNE experiment using machine learning Edward Blucher | Physics

**New ideas in the search for dark matter** Dan Hooper | Astronomy and Astrophysics

Probing electronic structure of infrared metamaterial based on colloidal nanocrystals Philippe Guyot-Sionnest | Chemistry

Search for Light Dark Matter with DAMIC-M Paolo Privitera | Astronomy and Astrophysics

Water decontamInation using a Plasma-in-liquid techniquE: application to PFAS treatment (WIPE-PFAS) Junhong Chen | Pritzker School of Molecular Engineering

## Weizmann Institute of Science Collaborative Research Program

Quantum Information Sciences

Noise Tolerant Quantum Networks and Protocols

David Awschalom, Hannes Bernien, Liang Jiang, Tian Zhong | Pritzker School of Molecular Engineering

Artificial Intelligence + Sciences

**Deep learning for protein optimization and design** Jinbo Xu | Toyota Technological Institute at Chicago

**Optimizing lubrication by macromolecular surface phases** Matthew Tirrell | Pritzker School of Molecular Engineering

Travel Funding

Algorithms for inferring temporal and causal models for patient disease trajectories and their genetic predispositions Cong Ma, Jingshu Wang | Statistics

Colloidal semiconductor nanoplatelet based quantum light sources enabled by colloidal ALD Dmitri Talapin | Chemistry

Devising models for predicting disease onset and identifying biological markers in large-scale and multi-layered cohorts Matthew Stephens | Statistics, Human Genetics

## **Special Projects**

Workshop Series at Global Campuses and Centers Committee on Environment, Geography and Urbanization





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