

Global Faculty | 2023



Tecnológico
de Monterrey

March 6th - 10th

Join us in Mexico to give lectures,
exchange ideas, know our
educational model and network
with international colleagues!



How to apply:



Complete the online application
before January 6th, 2023

[APPLY HERE!](#)

Architecture, Art and Design

Business and Entrepreneurship

Engineering and Sciences

Government and Social Sciences

Humanities and Education

Medicine and Health Sciences



globalfaculty.gro@servicios.itesm.mx



[tecglobalfaculty](https://www.instagram.com/tecglobalfaculty)

TOPICS

ARCHITECTURE, ART & DESIGN

- **Architecture**
 - 2D & 3D representation
 - Advanced Architecture
 - Architectural Design
 - Architectural Pedagogy
 - Architecture: Practice and Practitioner
 - Circular cities and transition design
 - Complex & hybrid buildings
 - Critical analysis of architecture
 - Digital modelling (3D scanners & printers)
 - Innovative building materials & technologies
 - Narrative for architectural projects
 - Real Estate
 - Regenerative design
 - Research methods for architecture
 - Smart buildings
 - Smart cities
 - Theory & History of Architecture
 - Urban design
- **Art**
 - Current trends in art
 - Animation
 - Conceptual art
 - Storyboarding
- **Design**
 - Current trends in design
 - Digital techniques in design
 - Design for social innovation and sustainability
 - Product and system design
 - Strategic design

BUSINESS

- **Accounting & Finance**
 - Advanced accounting
 - Derivatives
 - Financial modeling
 - Financial planning strategies
 - Financial technology
 - Intermediate Accounting
 - International regulations
 - Risk management
 - Valuation, Mergers and Acquisitions
- **Entrepreneurship**
 - High impact solutions
 - Innovation processes
 - Lean methodology for startups
 - Opportunity identification & funding
 - Social entrepreneurship
- **International Business & Logistics**
 - Big data and competitive intelligence
 - Blockchain
 - Business globalization
 - Digital transformation
 - Value chain
- **Leadership & Management**
 - Conscious businesses
 - Human capital management
 - Organizational culture
 - Strategic sustainability
 - Technological innovation
- **Marketing & Analysis**
 - Current marketing trends
 - Artificial intelligence in marketing
 - Big data & data analysis
 - Business intelligence
 - Neuromarketing and behavioral consumer habits
 - Omnichannel marketing
 - Marketing services
 - Strategy development

**Language of lectures could be English or Spanish for all areas*

TOPICS

ENGINEERING & SCIENCES

- **Bioengineering**
 - Current bioengineering trends
 - Agrobiotechnology
 - Bioprocess Engineering
 - Genomics
 - Innovative food science
 - Micropropagation
 - Vaccine production
- **Computing and Mechatronics**
 - 5G technology
 - Artificial intelligence
 - Cyber security
 - Data science
 - Emerging trends in mechatronics
 - Industry 4.0
 - Internet of Things
 - Novel robotic systems
 - Smart automation technologies
 - Software Engineering Projects
 - Virtual and augmented reality
- **Industrial Engineering**
 - Current trends
 - Data analysis
 - Design and improvement of logistic systems
 - Emerging trends in work design
 - Lean manufacturing strategies
 - Optimization models and quality management
- **Mechanics & Advanced Materials**
 - Additive manufacturing technologies
 - Advanced manufacturing processes
 - Materials technology
 - Modeling and simulation
 - Mechanical and tool design
 - Non-conventional machining
- **Sustainable Technologies & Civil Engineering**
 - Geographic Information System
 - Innovation in materials and construction procedures
(continues)

- Renewable energies
- Smart buildings
- Systemic and sustainable vision
- Technologies in built environments
- **Sciences**
 - Current trends and new techniques
 - Computational models
 - Motion modeling

GOVERNMENT & SOCIAL SCIENCES

- **Economy**
 - Economic decision-making
 - Economic impact of the pandemic
 - Global economy and development
- **Law**
 - International law and technology
 - Intellectual property
- **Political Science International Relations**
 - Gender, society and human rights
 - Global challenges in uncertainty
 - Peace and conflict studies
 - Regional scenarios
 - Strategic prospective

HUMANITIES & EDUCATION

- **Humanistic Studies**
 - Cultural challenges of globalization
 - Cultural heritage
 - Ethics (business, psychology, society, technology)
 - Symbolic structures
- **Media & Digital Culture**
 - Communication and globalization
 - Graphic design
 - Media production
 - Public speaking
 - Strategic communication
 - Transmedia storytelling

MEDICINE & HEALTH SCIENCES

- **Various topics**

WHAT IS THE GLOBAL FACULTY WEEK?

Tecnológico de Monterrey is the top private university in Mexico, as well as one of the leading institutions in Latin America. Its [Global Faculty Week 2023](#) will bring together faculty members from our partner universities, giving them the opportunity to share their expertise and teach in a multicultural environment.

For the first time, the program will take place nationally. Participants will expand their network with colleagues from all around the world throughout the GFW 2023.

WHEN AND WHERE DOES IT TAKE PLACE?

From [March 6th to 10th, 2023](#) (in-person) in the international campuses of Tec de Monterrey. Applicants must choose at least two campus options when applying.



- [Guadalajara](#): Western Region
- [Mexico City](#): Mexico City Region
- [Monterrey](#): North Region
- [Querétaro](#): Central-South Region

WHAT IS NEEDED TO APPLY?

To apply for the Global Faculty Week 2023 you need to fill out our online application before [Friday, January 6th, 2023](#): <https://form.typeform.com/to/Tqz7CeSP> An updated CV (in English or Spanish), as well as proposed topics on lectures are needed to submit the application.

SELECTION PROCESS

Participants are chosen directly by the Academic Departments at Tecnológico de Monterrey. Once chosen, a professor from Tec de Monterrey will be your host throughout the academic program.

Every participant will be notified no later than [Friday, January 27th, 2023](#) if he/she was accepted, to begin with academic preparation and travel arrangements. Every chosen participant will arrange the academic topics directly with his/her TEC host. An academic participation between [12 to 16 hours](#) (in-person) is expected for the weekly program.

WHAT IS INCLUDED IN THE GLOBAL FACULTY WEEK 2023?

ACCOMMODATION | BREAKFAST | LUNCH | WELCOME KIT | ACTIVITIES

- Accommodation from Sunday, March 5th (check-in) to Saturday, March 11th (check-out)
- Access to networking and cultural events of the program
- Welcome and closing ceremonies
- Daily breakfast and lunch from Monday to Friday
- Daily round transportation accommodation-campus (where applicable)
- One-day trip on Friday, March 10th

NOT INCLUDED:

- Airline ticket (round-trip)
- Airport shuttle
- International travel insurance
- Health insurance
- Dinners
- Personal expenses

IMPORTANT DATES

- [December 9th, 2022 – January 6th, 2023](#): Applications open.
- [January 2023](#): Evaluation of profiles and online applications.
- [January 23rd - 27th, 2023](#): Notification of acceptance.
- [February 3rd](#): Deadline to confirm participation in the Global Faculty Week.
- [January 2023](#): Link to connect host faculties and professors.
- [March 6th - 10th](#): Global Faculty Week 2023.

The detailed agenda will be announced to all chosen applicants by the end of February 2023. Kindly note that candidates who are not contacted by Friday, January 27th, 2023, must consider that their applications were not selected.

We are looking forward to receiving your application!

[Check our list of FAQs here](#)

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