SCIENCE GALLERY
AND YOUR UNIVERSITY

INFLUENCE
INSPIRE
IGNITE
Science Gallery is the world’s only university network dedicated to public engagement with science and art. Our members are leading universities, united in a single mission: to ignite creativity and discovery where science and art collide.
Across four continents:
Meet the members

Just over a decade ago, the pioneering Science Gallery launched at Trinity College Dublin, rapidly becoming a key visitor destination and welcoming more than 3.2 million visitors to date.

Building on this extraordinary success, Science Gallery International was founded in 2012 with the goal of establishing a network of eight universities developing a Science Gallery in each location by 2020. Science Gallery International (SGI) is the non-profit organisation catalysing the growth of the Science Gallery Network, providing services, tools and resources required to power and expand this unique global collaboration. The Science Gallery Network brings together leading universities from across four continents that deliver transdisciplinary public exhibitions and events showcasing research and transforming the student experience.

The eight members currently include: Trinity College Dublin (Ireland); King’s College London (The United Kingdom); The University of Melbourne (Australia); the Indian Institute of Science, Srishti School of Art Design and Technology, The National Centre for Biological Sciences (India); Ca’ Foscari University of Venice (Italy); Michigan State University (United States); Erasmus University Medical Center (The Netherlands); and Emory University (United States).
What does Science Gallery do?

Bringing science, art, technology and design together, Science Gallery delivers unique, transdisciplinary exhibitions, events and educational programmes that engage millions of inquiring minds.

Science Gallery programmes spark curiosity and enable young people to reimagine the future. The participative activities are future-focused and fuelled through open calls for ideas. Each exhibition and season of events, workshops and education programmes is based around themes like artificial intelligence, future farming, synthetic biology, and the future of the city. Instead of offering young people answers, Science Gallery encourages them to ask provocative questions about the future.

Each visit is a vastly different experience, so visitors keep coming back to see what’s new. Science Gallery is a buzzing creative space in the heart of the city where researchers, scientists, artists and the public get together to explore the big questions facing humanity.
Science Gallery’s internationally acclaimed approach encourages the development of creative, agile thinkers and doers for the 21st century – perceptive problem solvers that can bring together insights from diverse disciplines by moving effortlessly between these disciplines.

By providing an inclusive space for young people to experiment, interrogate and play with cutting-edge research in creative ways, Science Gallery ignites a passion in young people for new ideas and areas of study that can help to guide their career and educational choice, equipping them with resilience, empathy and ethical understanding to thrive in the knowledge economy. To meet the challenges the future holds, the world needs imaginative young people to fall in love with science, technology, engineering, the arts and medicine and contribute their voice to the world’s essential debates.

Your university, with Science Gallery, will shape the next generation of science and technology trailblazers.

Is your university shaping the next generation?
New challenges need new responses

Traditional, siloed research and teaching methods have become increasingly inadequate. Universities must find new ways to respond to complex global challenges, and to transform their ‘rules of engagement’ with the public and researchers alike. With Science Gallery, universities can become spaces where today’s white-hot scientific issues are thrashed out.

Transdisciplinary approaches to education and innovation are fundamental in order to future-proof your university. Sparking catalytic conversations, connections and collaborations across networks is instrumental in developing and implementing such approaches. Science Gallery’s transdisciplinary programmes feature emerging research and ideas from the worlds of science, art, design and technology, presented in connective, participative, and surprising ways.

Membership contributes significantly to your university’s key strategic objectives of:

- Internationalisation
- Excellence in research and learning
- Innovation and entrepreneurship
- Student recruitment
- Community engagement

What network membership does for the university:

- Heightens international standing and co-operation.
- Enhances recruitment of students and expands engagement with current students.
- Stimulates interdisciplinary and transdisciplinary collaborative projects for researchers and students.
- Provides an internationally connected creative platform.
- Distinguishes university brand and extends media profile.
- Provides international mobility and employment opportunities for students.
- Deepens local community engagement.
- Expands potential access to new resources and funding.
- Places the university at forefront of public science engagement and innovation.
- Transforms education and research practice within the university.

For a more detailed list of benefits, see page 20.
**Science Gallery in numbers**

- **5,000,000** visitors to date have had a Science Gallery experience.
- **350,000** visitors a year interacting with Trinity College Dublin.
- **10%** of new entrants say that Science Gallery played a role in their choice to study at Trinity College Dublin.
- **40%** of visitors are 15-25, a key age for universities.
- **8000+** artists and researchers have collaborated on Science Gallery exhibitions.
- **4,000,000** engaged via digital activity and media coverage.
- **300+** workshops, talks and events a year.
- **350,000** visitors a year interacting with Trinity College Dublin.

**Science Gallery and Your University**
Become a member

To express interest in joining the Science Gallery Network:

Review the membership criteria on page 18.

Prepare a one page submission signed by the senior leadership of your university, outlining interest and suitability.

Send it to the director of Science Gallery International, Dr Andrea Bandelli, at membership@sciencegallery.org

We are unable to accept applications from universities/partners in the following countries, as we already have members in these locations: Australia, India, England, Ireland, Italy and the Netherlands.

Please note:

→ By mutual agreement site visits and other key cultivation meetings will be arranged to further explore suitability.

→ Further details from the university may be required to support the application process.

→ We particularly welcome applications from Asia, Africa, and Latin America.
For consideration as a potential location for a Science Gallery, the following criteria must be met:

**01: Standing of the university:**
- This includes the ranking of the university (THE; QS), a strong presence in humanities/arts and science/technology, a highly international outlook and/or a renowned specialisation.

**02: Commitment to operational resources & provision of space, finances, and staff.**
- Members must:
  - Commit to an annual membership fee of €100,000 and to funding of Science Gallery activities in the range of €400,000 to €1,000,000 for the first three years, with a temporary public space and staffing levels for this initial phase. Science Gallery International does not provide funding to its members.
  - Commit to eventually providing a permanent space for Science Gallery activities of approx 1,800m² to include exhibition space, cafe, studio/meeting space, retail and offices. Indicative ongoing operational costs are in region of €1–2.5M pa, (depending on local economic conditions).
  - Commit to ensuring sufficient staff numbers to develop and operate Science Gallery.

**03: Location & Population:**
- A city with a dynamic population that can sustain a Science Gallery, and an active community of potential visitors, funders, collaborators, speakers, researchers, mission-related groups, etc. that feed into a gallery, its exhibitions and events.
- A location that complements and adds something distinctive to the network.
Make a difference: Membership benefits

ATTRACTION STUDENTS & ENHANCING STUDENT EXPERIENCE

→ Student recruitment (e.g. in Dublin 10% of new entrants say that Science Gallery played a role in their choice to study at Trinity).

→ Student skills development (e.g. by undertaking an interdisciplinary course of study through Science Gallery, employment programmes, intensive secondary school workshops, youth advisory committee members).

→ Opportunities for student mobility and exchanges.

INCREASING RESEARCH & COLLABORATION ACTIVITIES

→ Provides a platform for research by engaging researchers in programme development and stimulating transdisciplinary and collaborative research projects, locally and internationally through the Network.

→ Activates researchers’ communication, confidence and leadership skills.

→ Direct engagement with the public reshapes research questions and parameters, sharpening focus and enabling bolder ideas.

→ Facilitates the collection of larger and more diverse data samples through research and experiments conducted in Science Gallery.

→ Connects universities with an extensive network of young leaders and international leading thinkers from the worlds of science, art, technology, design, engineering, mathematics and medicine – the Science Gallery Leonardos.

STRENGTHENING PROFILE, REPUTATION AND INTERNATIONAL RECOGNITION

→ Extensive media coverage in preeminent and trend-shaping media.

→ Exponential increase in online conversation and content generation.

→ International exhibition touring.

→ Association with other leading universities.

→ Association with recognised world-leader in art-science public engagement.

→ Heightened international standing and co-operation.

ESTABLISHING A POWERFUL PUBLIC ENGAGEMENT PLATFORM

→ Creates a porous membrane between the university and the city, allowing the public to engage in real research happening within the walls of the university in a relaxed, sociable environment.

→ Enables the university to connect with and build a community of scientific and creative people beyond its own.

→ Provides a channel for the public to contribute to idea development, creating a sense of ownership and community connected to the university.

SCIENCE GALLERY AND YOUR UNIVERSITY
generating new income, corporate & philanthropic relationships

→ Provides a new, dynamic platform for corporate and alumni engagement.

→ Provides access to new streams of private, philanthropic, institutional and government funding.

→ Generates new earned income streams, broadening scope of commercial activities.

→ Provides material evidence (both in terms of documentation and evaluation) of public outreach for corporate and specialised funders.

remaining relevant in a changing world

→ Science Gallery takes part in major, global conversations about youth participation, skills and the Fourth Industrial Revolution.

→ Science Gallery serves as a physical focus and catalyst for innovation, bringing a contemporary, networked, digitally engaged centre to the university campus.

→ As a youth-focused brand, Science Gallery provides a channel to speak to 15-25 year olds about science in a non-academic and accessible way.

→ Science Gallery provides a ‘skunk works’ where groups of university-linked people come together to undertake radically innovative projects.
Next steps on approval of membership

On mutual agreement a formal application from the leadership of the University is then submitted to SGI.

**Outcome:** SGI assesses and approves successful applications and the member signs the development and membership agreement with SGI.

### PHASE 1: DEVELOPMENT (36 - 48 months)
- Development of at least one Science Gallery exhibition per year with related events and programs.
- Access to Science Gallery licences, know-how and trademarks.
- Use of the Network’s bespoke online platforms for training and onboarding of staff, and artists/researchers database: CONNECT, ELEVATE and OPEN CALL platforms.
- Visits to other galleries in the Network & learning opportunities between Network members.
- Materials are provided to the member staff and leadership and their consultant(s) to assist with the preparation of any detailed feasibility studies / business plans required. SGI will provide feasibility studies from other nodes, comparative capital and operational projections and actuals from other nodes, along with ongoing support and consultation.
- Oversight group for the project appointed.
- Key staff are hired.
- Plans for space/venue progress, with local fundraising campaign as necessary.
- Participation in Network-wide events.
- Establishment of evaluation and impact assessment processes.

### PHASE 2: CAPITAL PROJECT
- Detailed feasibility study for capital project prepared locally with input from SGI.
- Location selection and approval (Location approved by SGI).
- Head of Project Delivery appointed.
- Architectural, planning and building/fit-out process, with input from SGI into brief and selection.
- Capital project fundraising as necessary.

### PHASE 3: OPEN DOORS
- Activation of full year-round programming, education projects, network collaborations, international projects.
- Ongoing evaluation and impact assessment.
- Documentation of and reporting on projects.
- Full team in place and trained.
- Membership in Network Directors’ Forum.

Throughout all these phases SGI provides:
- Ongoing support for training and learning resources.
- Assistance with global marketing, and coordination of activities of Network members.
- Maintenance of Network digital platforms, including websites, collaborator databases, toolkits, intranet and other resources.
- Secretariat for Directors’ Forum.
- Brand protection & evolution.
Member universities of the Science Gallery Network reimagine what education looks like in the 21st century, and Science Gallery International makes this possible by enabling collaborative partnerships with other galleries and universities in the Network; exclusive access to Science Gallery tools and resources, state of the art technology and digital platforms; unique learning and knowledge exchange; peer support; mobility programmes, and much more – enabling a truly global learning experience for university faculty, students and researchers and the local community.

Science Gallery International was founded in 2012 with the goal of establishing a network of eight universities by 2020, based on the success of Science Gallery at Trinity College Dublin. With the opening of Science Gallery at King’s College London in 2018 and the announcement of the eight member at Emory University in Atlanta in 2020, Science Gallery International are now corresponding with universities interested in filling the final positions in the Science Gallery Network.