

Inter-American Committee on Education



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Fifth S&T Ministerial Medellin, Colombia, Nov. 2-3, 2017



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COLCIENCIAS



- **Theme:** *Science, Technology and Innovation as Pillars of Transformation in the Americas*
- 31 Ministers and High Level Authorities from 18 countries and more than 80 observers and special guests.
- Election of COMCYT Authorities and Chairs and Vice-Chairs of the 4 Working Groups
- Adoption of the *Declaration of Medellin*
- Cross-cutting themes:
 - 1) Transformative Technologies
 - 2) Women's participation and leadership in CTI
 - 3) Increased collaboration among governments, private sector and academia



- **COMCYT:**
 - Chair: Colombia
 - First Vice-Chair: Jamaica
 - Second Vice-Chair: Peru
- **Working Group 1 – Innovation**
 - Chair: Mexico
 - Vice-Chair: Costa Rica
- **Working Group 2 – Education in Engineering**
 - Chair: Argentina
- **Working Group 3 – National Quality Infrastructure**
 - Chair: Canada
 - First Vice-Chair: United States
 - Second Vice-Chair: Paraguay



- **Working Group 4 – Technological Development**
 - Chair: Guatemala
 - Vice-Chair: Chile



4 WORKING GROUPS

INNOVATION
Leader: Mexico
↓
Indicators
Transformative Technologies

EDUCATION IN ENGINEERING
Leader: Argentina
↓
Mobility
Scholarships

NATIONAL QUALITY INFRASTRUCTURE
Leader: Canada
↓
OAS-SIM Agreement
Projects with Germany

TECHNOLOGICAL DEVELOPMENT
Leader: Guatemala
↓
HUB on Technology Commercialization
Regional TTO Network



INNOVATION

- MEXICO
- COSTA RICA
- BARBADOS
- COLOMBIA
- DOMINICAN REPUBLIC
- ECUADOR
- EL SALVADOR
- GUATEMALA
- PARAGUAY
- PERU
- TRINIDAD AND TOBAGO
- URUGUAY

- U ILLINOIS
- NCSA
- UPB
- CIBNOR
- RICYT
- GOBEE GROUP

EDUCATION IN ENGINEERING

- ARGENTINA
- BOLIVIA
- COLOMBIA
- COSTA RICA
- DOMINICAN REPUBLIC
- GUATEMALA
- MEXICO
- PARAGUAY
- THE BAHAMAS
- TRINIDAD AND TOBAGO

- U ILLINOIS
- CIBNOR
- NCSA
- LACCEI
- UPADI-API
- UPB
- TECSUP
- INNOVA HI ED

NATIONAL QUALITY INFRASTRUCTURE

- CANADA
- UNITED STATES
- PARAGUAY
- COLOMBIA
- COSTA RICA
- GUATEMALA
- MEXICO
- PANAMA
- PERU
- THE BAHAMAS
- TRINIDAD AND TOBAGO

- COPANT
- INTER-AMERICAN METROLOGY SYSTEM (SIM)
- IAAC
- PTB

TECHNOLOGICAL DEVELOPMENT

- GUATEMALA
- CHILE
- ARGENTINA
- COLOMBIA
- DOMINICAN REPUBLIC
- ECUADOR
- EL SALVADOR
- HONDURAS
- MEXICO
- NICARAGUA
- TRINIDAD AND TOBAGO

- U ILLINOIS
- CIBNOR
- NCSA
- PIPRA
- UC DAVIS
- GEORGIA TECH
- UCR

WORKING GROUP 2: Education in Engineering

- 9 videoconferences = sharing of 42 experiences, tools and programs
- Launching of a Mobility Program for Students in Engineering (FINAM);
- 1733 OAS-CONACYT-AMEXCID Scholarships granted to students from 26 countries who wish to pursue graduate studies in STEM in Mexico.
- Elaboration of 9 recommendations on **Engineering Education** directed to Ministers and High Level Authorities of STI, from the Panamerican Union of Engineering Societies (**UPADI**); the Latin American and Caribbean Consortium of Engineering Institutions (**LACCEI**) and the World Engineering Education Forum (**WEEF**).



- Experience higher rates of unemployment and earn 30% less income than men.
- Have less access to education and limited participation in decision-making process in their communities.
- Women account for about a third of all graduates in science, technology, engineering and math in LAC
 - Argentina: 37%
 - Brasil: 20%
 - Colombia: 29%
 - Uruguay: 32%
- Workshop on Women's participation in Scientific Research, May 17-18, 2018, Bogota, Colombia



Source: UNESCO Regional Office for
Science in Latin America and the
Caribbean

- 38 professionals from 12 countries of the Americas
- Acceleration of technologies “From Idea to Market”
- 25 high-level experts and mentors
- 90 hours between theory and practice; labs and sites visits
- Final evaluation (pitch) and award ceremony + diplomas
- 90% satisfaction rate from participants
- Ongoing evaluation of regional impacts of the HUB program
- [Video](#)



Proyecto apoyado por



- Videoconferences with each of the 4 Working Groups of COMCYT to continue strengthening cooperation and the exchange of good practices;
- COMCYT Meeting in 2019;
- Participation of the Authorities of the COMCYT and the Technical Secretariat in regional events of high impact in science and technology 2018-2020.
- Sixth Meeting of Ministers and High Authorities of Science and Technology (REMCYT) in Jamaica in 2020.



Thank you! Gracias!

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