

Abstract for Regional Report at the 7th UNISEC-Global Meeting

Dr. Bárbara Bermúdez-Reyes

UNISEC-Mexico

History of Local Chapter Activities

Established in 2014

- Participated in CLTP in 2013, 2014, 2015
- Attended UNISEC-Global Meeting in 2014
- Organized México Cansat Training in 2014, 2015, 2016 and 2017.
- Participated in ARLISS in 2018 y 2019
- Held National Cansat Competition in 2015, 2016, 2017, 2018 and 2019.
- Colaboration with UNISEC-Costa Rica in 2017.
- Held Rocket training (With Tripoli Rocketry Association) in 2018 and 2019.
- Practical Space Projects: 6 projects (materials, payloads, satellite structures, communications and Propulsion).



Rocket launch with cansat.
5° National Cansat Contest
Laguna Salada, Tecate, B. C.
October 2019

UNISEC Global Member since november 2014

Point of Contac: Dra. Barbara Bermudez-Reyes (UANL)

Executive Advisor: Dr. Carlos Romo-Fuentes (RedCyTE)

External group: Dr. Jose Alberto Ramirez-Aguilar (GRULAC-IAF)

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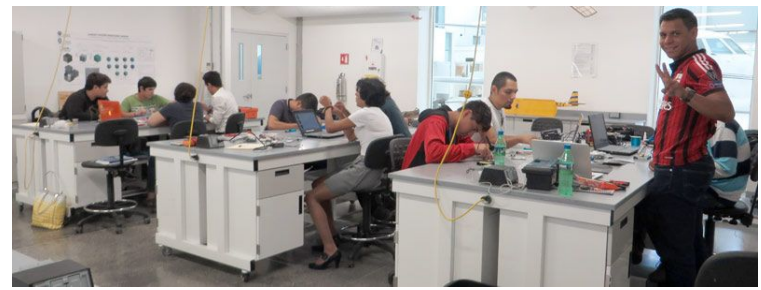
Members Universities

University	Leading person (professor)
Nogales Institute of Technology	Eng. Karina Reyes-Lío
Puebla Institute of Technology	M. S. Rosa Maria Martínez -Galvan
Autonomuos University of Chihuahua	Dr. Hermes Moreno-Alvarez
Autonomous University of Mexico	Dr. Fernando Velasquez-Villegas
Autonomous University of Nuevo León	Dr. Angel Colin
Tepeaca Institute of Technology	M. S. Josue Mancilla - Cerezo
High Technology Center - UNAM	Dr. Jorge Alfredo Ferrer- Pérez
Altamira Technological University	M. S. Oscar Martínez- Hernandez
National Polytechnic Institute	Dr. Mario Alberto Mendoza-Barcenas
Irapuato Institute of Technology	Dr. Rafael Vargas-Bernal
Autonomuos University of Baja California	M.S. Antonio Gómez-Roa
Autonomuos University of Estado de México	Dr. Juan Sumayo
Autonomous University of Sinaloa	Dr. Ana María López-Beltrán



UNISEC-Mexico activities:

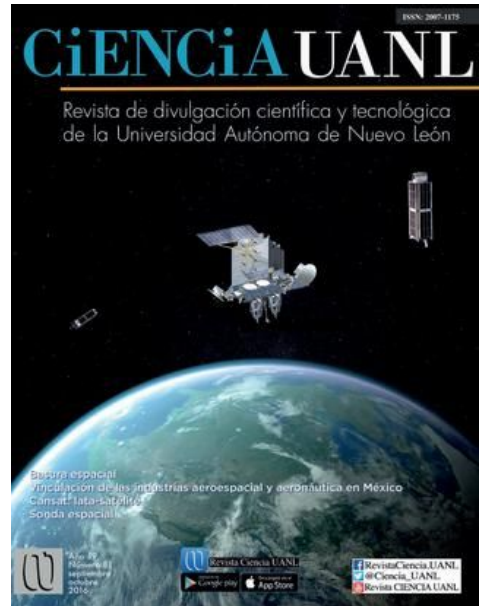
- Annual cansat courses: 2015, 2016, 2017.
- National contests cansat (telemetry and comeback): 2015, 2016, 2017, 2018 and 2019
- Training of human resources: Engineering and master degree students
- Academic exchange: UANL, UNAM, UABC, UACH
- Collaborations between national and international universities
- Local Events
- PDR publications of cansat contests
- Rocketry Certification 2018 and 2019 (UABC).



Cansat course



UNISEC México
–Engineering National University (Peru)



Mexican Aerospace Fair



Costa Rica Institute of Technology
UNISEC-Costa Rica

Komitet za Razvoj Svemirskog Programa | Committee for Space Programme Development
UNISEC Serbia

National Cansat Contest



UABC (2015)
Tijuana, B. C.
Telemetry



UANL (2016)
Monterrey, N. L.
Telemetry



Categoría Telemetría:

1er lugar equipo: SPACERTZ
Universidad Autónoma de Querétaro

2do lugar equipo: DELPHINUS
Instituto de Estudios Superiores de Tamaulipas.

3er lugar equipo: CAMSAT
Universidad Autónoma de Baja California.

Categoría Come Back:

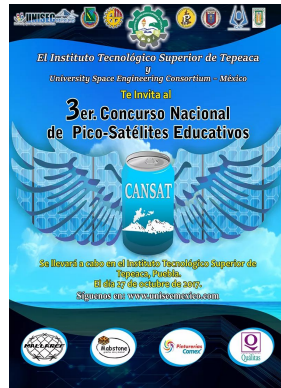
1er lugar equipo: USSEDT
Universidad Autónoma de Nuevo León.

2do lugar equipo: HYPERON
Universidad Autónoma de Baja California

3er lugar equipo: GALACTICS
Instituto Tecnológico Superior de Tepeaca.



UT Altamira (2018)
Altamira, Tam.
Telemetry
Comeback



ITS Tepeaca (2017)
Tepeaca, Pue.
Telemetry
Comeback

Nos vemos en el
6° Concurso Nacional de Pico-Satélites Educativos CANSAT
en el
Instituto Tecnológico de Puebla.

UABC (2019)
Laguna Salada, Tecate, B. C.
Telemetry and Comeback

Plan for 2020 and beyond

- *Cansat Training Program 2020 (March 2020)*
- *Rocketry Certification 2020 (July 2020)*
- *6th National Cansat Contest (October 2020)*

Note: by government order all events were suspended due to the COVID-19 Pandemic

