

## 1) Introduction

In Mexico are important to the Research Networks for the dissemination of science in the country.

## 2) Justification

Production of Research Networks is required for quality indicators in the country.

## 3) General Objective

Promote and strengthen the construction and development of national scientific networks on strategic issues that respond to problems (scientific, technological and social) and seek the link between academia, government and society.

Achieve articulated solutions with a multidisciplinary and multi-institutional approach, and structured in a way that contributes to the national development and welfare of the population.

## 4) Course Description

The CONACYT Thematic Networks are defined as the voluntary association of researchers or people with a common interest, willing to collaborate and contribute their knowledge and skills, coordinated in a collegiate way by an Academic Technical Committee (ATC). Researchers, technologists, businessmen, research groups and other people who have experience, knowledge and recognized prestige in the subject of the Network can be part of the Research Network. The members of the Research Networks will be able to collaborate in the planning, strengthening and activities of the Thematic Network of which they are a part, as well as having the support to propose and creatively integrate the projects that contribute to the growth and consolidation of the Network.

### CONACYT Thematic Networks

- Road accidents
- Binational in Border Health
- Bioenergy
- Biology, Management and Conservation of Native Fauna in Anthropic Environments
- Science and Technology of Space
- Applied Sciences for Research and Conservation of Cultural Heritage
- Barcode of Life
- Healthy behavior with quality sports
- Convergence of Knowledge for the Benefit of Society
- Disasters Associated with Hydrometeorological and Climatic Phenomena
- Aging, Health and Social Development
- Transdisciplinary Studies of the Body and Corporalities
- Medical physics
- Theoretical Physicochemistry
- Harmful Algal Blooms
- Thematic Network
- Gender, Society and Environment
- Territorial Management for Sustainable Rural Development
- Hydrogen
- Surface Engineering and Tribology
- Immunology in Cancer and Infectious Diseases
- Innovation and Work in the Mexican Automotive Industry
- Plastic Materials Weathering
- International Bionanotechnology with Impact on Biomedicine, Food and Biosafety
- Internationalization and Academic-Scientific Mobility
- Rural Education Research
- Research and Technological Innovation for Tropical Bovine Livestock
- Research in High Energy Physics
- Interdisciplinary Research on Identities, Racism and Xenophobia in Latin America
- Mathematics and Development
- Soft Condensed Matter
- Mexicana Sustainable Integral Use and Biotechnology of Agaves
- Mexicana Científica y Tecnológica for ALICE- LHC
- Mexican Supercomputing
- National Aeronautics
- Nanosciences and Nanotechnology
- Neuro-Basic and Applied Biopsychology
- Optimization of Industrial Processes
- Asymmetric organocatalysis
- Biocultural Heritage of Mexico
- Peace, Interculturality and Democracy
- Children's Environmental Health
- Power Systems and Intelligent Networks
- Socioecosystems and Sustainability
- Quantum Technologies
- Language Technologies
- Digital Technologies for the Diffusion of Cultural Heritage
- Toxicology of Pesticides
- Treatment and Prevention of Obesity
- Users of Luz Sincrotrón
- Virology

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### Holdings

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## 5) Results

Management of Research Networks.

## 6) Information Sources

- Habbeger Lardoeyt, S., & Mancila, I. (2018). Una propuesta alternativa de investigación socioeducativa: La cartografía social.
- Marrugo, E. A. B., Gómez, B. B., Sierra, C. A. S., Ligardo, Y. M., & Alfaro, A. F. C. (2018). Redes de Conocimiento: Academia, Empresa y Estado. *Redes*, 39(08).
- Miguel, S., González, C., & Jaureguizar, E. O. (2018). Preferencias de investigadores y prácticas institucionales/disciplinares en la difusión y socialización de los resultados de investigación. *Información, cultura y sociedad*, (38), 53-76.
- Peña-López, I. (2018). Redes sociales para la investigación y el impacto social.
- Romero, J. S. H., & Lafargue, B. L. F. (2018). Las redes sociales científicas y académicas. Experiencias. Impacto en la visibilidad de la salud ocupacional. *Revista Cubana de Salud y Trabajo*, 19(2), 45-54.

## 7) Material that will be used in the course

Instructor

- Laptop
- Projector
- Board

Assistance Group

- Computer Lab with Internet Access

## 8) Instructor

BA in Economics from the Universidad Latina, IT Specialist from College Coronet Hall, Specialist in Finance from the University of London, Master in Finance from the University of London, PhD in Economics from the Instituto Politécnico Nacional with a research stay at the University of Santiago de Compostela.

Scientific production in Canada, Colombia, Brazil, Spain, Bolivia, England and the United States, member of research groups at the Complutense University of Madrid, National University of Australia, the National University of Colombia, the University of San Francisco Xavier, the Instituto Politécnico Nacional and the University of the Santa Elena Peninsula for the areas of fractal modeling in the sectors of economic activity.

Production of intellectual property of more than 200 titles in economics and applied mathematics, book chapters, production of software and books, national and international conferences.

Editor of indexed and refereed journals in Mexico, Spain, Ecuador, Bolivia, Republic of the Congo, Peru, El Salvador, Colombia, Cameroon, Nicaragua, Paraguay, Guatemala, Taiwan and Western Sahara.

CEO of ECORFAN-MEXICO, S.C. and their respective Clusters, RINOE in applied research of Economic Science according to the International JEL in Iran - Pakistan - Taiwan - Chile and Western Sahara regarding PIREQA for the ludic teaching of Languages according to the United Nations in Germany - Czech Republic - China - France - Japan-England -Russia-Italy and Portugal finally MARVID for Scientific Arbitration with registration RENIECYT of CONACYT.

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